

## IMPRINT

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## REVISION STATUS

Revision: 2018-09-25

## TECHNICAL STATUS

Technical changes and misprints reserved. The pictures in this user manual can – depending on the individual equipment – differ from the actual equipment components. However, a corresponding conduction is possible.



## REHAKIND



We are a member of rehaKIND e.V.  
International association  
child and adolescent rehabilitation

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## CERTIFICATION

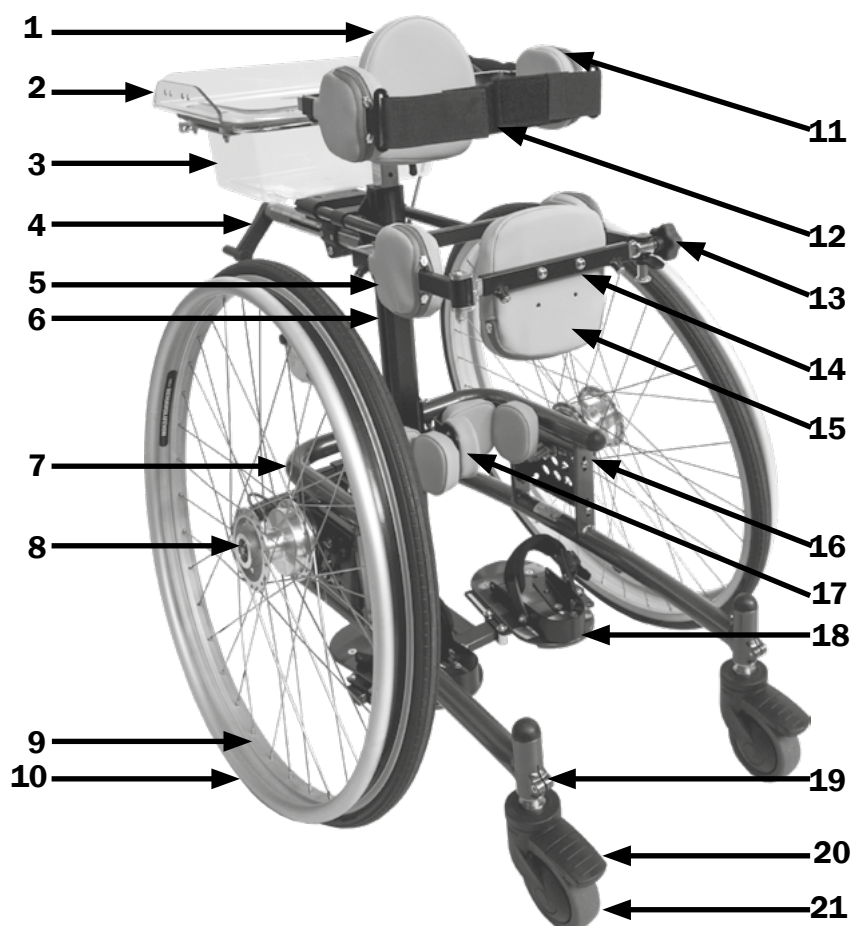
Our Quality Management System is certified according to the ISO 9001:2015 under the certificate no. 12 100 20070 TMS.



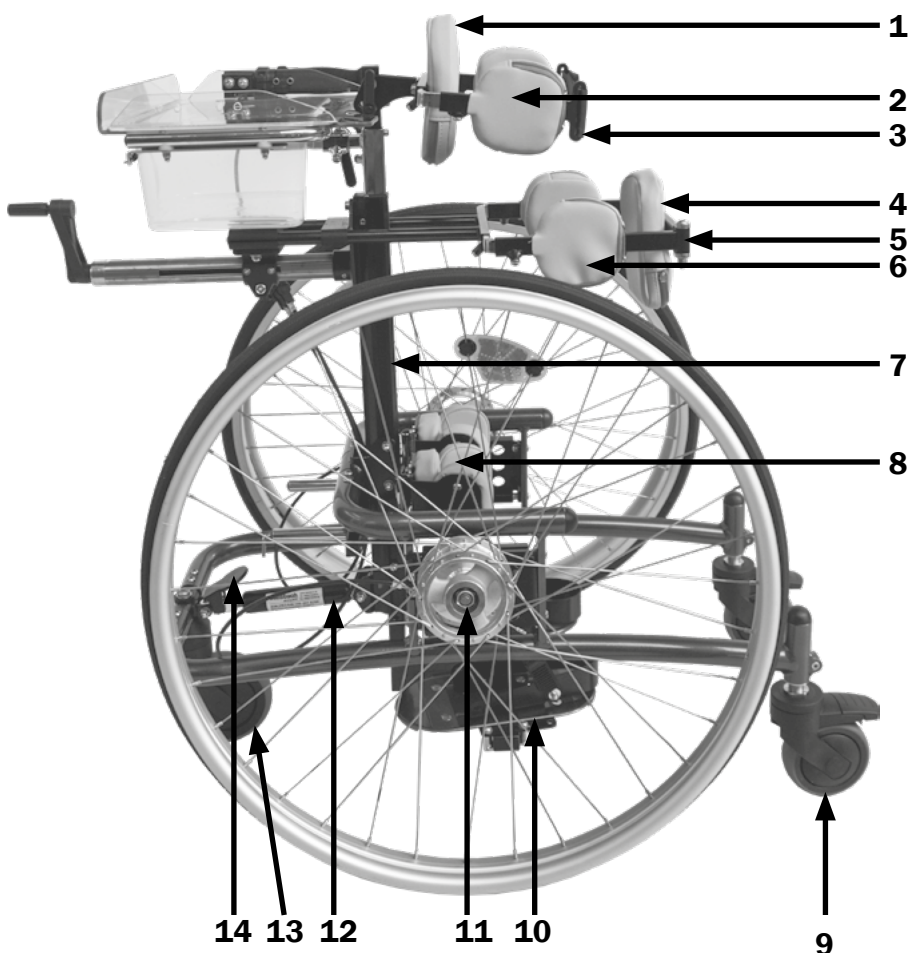
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## OVERVIEW MOBILE STANDING DEVICE



1. chest truss pad
2. therapy table
3. toy box
4. crank for posterior truss pad with swivel bracket
5. side posterior truss pad
6. centre column
7. frame
8. drum brake nob
9. profile wheel
10. built in hand rim
11. side chest truss pad
12. belt for chest truss pad
13. star knob lock for the pelvic truss pad with crank and swivel bracket
14. swivel bracket
15. cushion for posterior truss pad
16. axle plate
17. standard knee truss pads
18. standard foot plates
19. clamping device for the height adjustment of the back casters
20. locking lever for the back casters
21. sprung back casters



1. chest truss pad
2. side chest truss pad
3. belt for side chest truss pad
4. cushion for posterior truss pad with swivel bracket and crank
5. swivel bracket
6. side posterior truss pad
7. centre column
8. standard knee truss pads
9. sprung back caster
10. standard foot plate
11. drum brake nob
12. gas pressure spring
13. front caster
14. release pedal for gas pressure spring

# 1 PREAMBLE

## 1.1 GENERAL INFORMATION

**ONLY THE SETTING PROCESSES WHICH CAN BE CARRIED OUT WITHOUT TOOLS AS WELL AS PARTS WHICH AFFECT THE DIRECT USE ARE STATED IN THIS USER MANUAL. ALL WORK FOR THE BASIC SETTING AND THE ADJUSTMENTS ARE DESCRIBED IN THE SERVICE RECORD. IF NECESSARY RECEIVE THE INFORMATION THERE.**

This mobile standing device has been built, adjusted and given to you operable according to your individual instructions. A qualified Technician will make any changes necessary, should modification be needed during use. As any other aid, a mobile standing device is a technical device that can hold risks if not properly used.

Please regard that you can find indications and graphics here, which may differ to your mobile standing device because of the individual equipment.



**ATTENTION**  
Read the following instructions and manuals carefully :



**READ**  
**General use and safety instructions.**  
You can also find these online at [www.sorgrollstuhltechnik.de/download](http://www.sorgrollstuhltechnik.de/download)



**ATTENTION**  
**If the user of the wheelchair is a child or a person with limited competence, the parents or authorized supervisor have to make sure that they have fully understood the handling of the mobile standing device as well as the safety instructions before it is first used.**

If you have any questions your medical supply store or our competent team is glad to assist you (+49 7254-9279.0).

## 1.2 SIGNS AND SYMBOLS



**ATTENTION**  
This is how **individual-related** safety aspects of **utmost importance** are indicated.



**INDICATION**  
This is how possible **indications** of **utmost importance** are labelled.



**INFORMATION**  
This is how **INFORMATION** on mounting and adjustment work is labelled.



**READ**  
This refers to other chapters within the brochure or to additional material.

### **BOLD PRINT**

Text in bold print highlights important passages or remarks.

## 1.3 INDICATION

The maximum amount of time spent in the mobile standing device depends on the disorder and is set by the users doctor. These guidelines are to be kept.

Boogie Drive is indicated

- by all therapy forms for uprighting and controlled, careful strain of all bones,
- to activate or to preserve/develop the whole muscle tone or individual muscle groups,
- to stimulate/strengthen the sensitive integration (perception) or vestibular stimulation,
- to develop/preserve the motor function differentiation,
- for prophylaxis of tone abnormalities (spastic malpositions etc.),
- to stimulate/strengthen the complete metabolism, the autonomic nervous system and the whole cardiovascular system,
- by vegetative disruptions,
- to work against perception and/or communication trouble.

## 1.4 COUNTER INDICATION

Also, it must be cleared with the doctor how far the user can be put in a stretch position. In many cases it is (at first) only possible to stand in a bent position.

During the therapeutic use, the following symptoms may occur:

- circulation problems
- joint and/or muscle pain in legs and/or spine area
- spastic attacks.

**THE USE MUST THEN BE STOPPED IMMEDIATELY.**

Furthermore, Boogie Drive is counter indicated by:

- severe impaired perception and sense of balance,
- limb loss,
- joint contractures/joint damages on both arms and/or legs,
- not enough eyesight for active driving.



**ATTENTION**  
**Under the following circumstances and/or symptoms, please consult your doctor or therapist prior to any passive or active use of Boogie Drive:**

- **User whose skin is not intact,**
- **if the impairment of motor functions is grave.**



**INDICATION**  
**WE ARE NOT LIABLE FOR HEALTH-RELATED AND/OR ANY OTHER KIND OF DAMAGE OF PEOPLE AND OBJECTS OCCURRING UNDER THE ABOVE CIRCUMSTANCES WHEN USING THE MOBILE STANDING DEVICE.**

## 1.5 SPECIFICATION BOOGIE DRIVE

Boogie Drive is a mobile standing device with a centre column, which can be adjusted steplessly with a gas pressure spring or set mechanically with a telescope 15° forward.

(With frame size 1, the centre column can also be set in length).

With the variable **body guiding truss pads** and the height adjustable foot plate holder, an anatomical correct support according to the three-point-method is achieved.

The **body guiding truss pads** are all adjustable in height, depth and, if necessary, width.

The **foot plate holder** can be adjusted in height.

Each **foot plate** can be aligned in distance independantly from one another, can be abducted seperately and individually spread out (e.g. postoperative cast pants).

The tilting angle of the foot plates can also be set optionally (talipes equinus), also independant from one another.

These 3 frame sizes are available:

The camber can be set to either 0°, 3°, 6°, 9° and 12°. The shoulder-wheel-position is set to the user - see the following list.

Size	Frame width	User measurements	Possible wheel sizes	Possible camber
<b>S. 1</b>	36 cm (+4 cm)	80-110	24", 26", 28"	3°, 6°, 9° 12°
<b>S. 2</b>	40 cm (+4 cm)	100-130	28", 30", 32"	3°, 6°, 9° 12°
<b>S. 3</b>	44 cm (+4 cm)	120-150	32", 36"	0°, 3°, 6°, 9°

## 1.6 BASIC EQUIPMENT

- frame with angle adjustable centre column 0°-15° (optional with gas pressure spring)
- profile wheels with built in hand rims, drum brake and puncture proof tyres,
- adjustable camber,
- one or two casters in front,
- two sprung casters in back with locking lever
- height adjustable foot plate holder with foot plates, individual, three dimensional adjustment
- knee truss pads, three dimensional adjustment
- pluggable posterior truss pad, height and depth adjustable
- chest truss pad, height and angle adjustable

### ►► INDICATION

According to the German Aid Index Number, Boogie Drive must be equipped with heel edges and foot belts. These are not included in the basic equipment. The profile wheels are also not included in the base price.

## 1.7 BASICS TO ALL ADJUSTMENT WORK ON THE MOBILE STANDING DEVICE

### ATTENTION

**BEFORE THE FIRST USE OF THE MOBILE STANDING DEVICE THE CENTRE COLUMN, THE WHEELS, THE FOOT PLATES, THE KNEE, POSTERIOR AND THE CHEST TRUSS PADS MUST BE SET TO THE INDIVIDUAL MEASUREMENTS OF THE USER. IT MUST BE CLOSE TO BEING READY FOR USE.**

**IT IS NOT ADMISSIBLE TO MAKE ADJUSTMENTS WHEN THE USER IS IN THE WHEELCHAIR! THEN, ONLY FINE ADJUSTMENTS ARE ALLOWED TO BE MADE.**

**The mobile standing device is set to your individual measurements by your therapist or your rehab technician before the first use.**

**Although it is still possible that afterwards fine adjustments need to be made while you are standing in the Boogie. Your therapist or rehab technician will be very careful and will be assisted by a qualified assistant.**

### INFORMATION

**If the mobile standing device is used in an area without threshold, it is recommended to set the back casters so that each wheel has contact with the ground.**

**If you need to overcome doorways or the like more frequently, it is recommended to set the back casters so that the front casters are not touching the ground.**

**These adjustments are made by the height adjustment of the back casters (see service record).**

## 1.8 APPLICATION

**The intended use** of the mobile standing device requires thorough instruction of the assisting person or the user in all adjustment possibilities and the associated safety hazards.

### ATTENTION

**THE MOBILE STANDING DEVICE CAN ONLY BE USED INDOORS ON A FLAT, FIRM SURFACE AND CAN ONLY BE USED BY THE PERSON FOR WHOM IT WAS BUILT FOR AND ADJUSTED TO.**

### ATTENTION

**IT IS NOT SUITABLE FOR OUTDOORS.**

### ATTENTION

**THE MAXIMUM LOAD CAPACITY IS NOT TO BE EXCEEDED.**

### ATTENTION

**It is not allowed to be used as means of transportation for goods, objects or the like.**

**⚠ ATTENTION**

The user can never be left alone in the aid.

**⚠ ATTENTION**

The mobile standing device can not be used with faulty, worn or missing parts.

**⚠ ATTENTION**

The mobile standing device can only be used when all assembly parts have been correctly mounted on and adjusted.

**⚠ ATTENTION**

Because of fire safety reasons, the mobile standing device cannot be placed next to an open flame or another heat source such as electric or gas heater.

**⚠ ATTENTION**

Only original spare parts are to be used.

**ℹ INFORMATION**

Follow the care and maintenance plan.

## 1.9 RECEPTION

### DELIVERY

Each wheelchair/mobile standing device is mounted, tested for functionality and correctness in our works and packaged into special cardboard boxes by our shipping experts.

### FORWARDING COMPANY

For liability reasons we have to ask you to check the wheelchair/mobile standing device immediately after receiving it **AND IN THE PRESENCE OF THE DELIVERER** (forwarding company) for possible damages that may have occurred during transportation.

**▶▶ INDICATION**

**DO NOT SIGN THE NOTICE OF RECEIPT FROM THE FORWARDING COMPANY BEFORE THOROUGHLY CHECKING THE WHEELCHAIR FOR DEFECTS.**

**▶▶ INDICATION**

**In case of damage state on the confirmation of receipt that you have received the wheelchair with damages.**

### TRANSPORTATION DAMAGES

In case of damage write a short record of the damage and review of events, if possible include pictures clearly showing the damage,

- get the personal information of the bearer (driver's license etc., or the car number and the delivery company),
- inform us immediately.

**▶▶ INDICATION**

**ACCORDING TO THE VALID LAW, DAMAGES REPORTED LATE CAN NEITHER BE ASSERTED TO US NOR TO THE FORWARDING COMPANY!**

## 1.10 DOCUMENTATION

**▶▶ INDICATION**

Keep this user manual in a safe place. Have all work/repairs done on your wheelchair documented by the medical supply store in the maintenance plan. If applicable, hand it back to your benefactor along with the wheelchair.

**▶▶ INDICATION**

In the event of the wheelchair/mobile standing device being reused, it is an important source of information for you benefactor. It provides evidence of regular inspections which might be relevant in the event of warranty claim.

**⚠ ATTENTION**

For safety reasons have all repairs done and documented solely by a qualified specialized trade.

## 1.11 SERVICE AND MAINTENANCE

**ℹ READ**

According to § 33 subparagraph 1, clause 4, [German] SGB V, the responsibility of maintenance, repairs and replacement lies with the benefactor. After agreement with your benefactor, be sure to have all safety relevant inspections, maintenance work and if necessary repairs conducted in order to make the wheelchair functional.

**ℹ INFORMATION**

Be careful with all moveable parts since there is a **RISK** of crushing fingers and other body parts.

**⚠ ACHTUNG**

The regular inspection of all safety relevant parts on the aid by a qualified rehab workshop is the only way to prevent damages and maintain our liability.

**ℹ INFORMATION**

Proceed according to the maintenance plan in chapter 4 of this user manual.



## 2 SAFETY INSTRUCTIONS

### 2.1 GENERAL INDICATIONS

#### ATTENTION

BEFORE THE FIRST USE OF THE MOBILE STANDING DEVICE, THE CENTRE COLUMN, THE WHEELS, THE FOOT PLATES, THE KNEE, POSTERIOR AND CHEST TRUSS PADS MUST BE SET TO THE INDIVIDUAL MEASUREMENTS OF THE USER. IT MUST BE CLOSE TO BEING READY FOR USE.

IT IS NOT ADMISSIBLE TO MAKE ADJUSTMENTS WHEN THE USER IS IN THE WHEELCHAIR! THEN, ONLY FINE ADJUSTMENTS ARE ALLOWED TO BE MADE.

#### ATTENTION

TO ADJUST THE ANGLE OF THE CENTRE COLUMN WITH TELESCOPE AND CLAMP LEVER THE MOBILE STANDING DEVICE MUST BE EMPTY.

#### ATTENTION

BEFORE EACH TIME THE USER GETS INTO THE MOBILE STANDING DEVICE, IT MUST BE SECURED FROM ROLLING AWAY.

SECURE THE MOBILE STANDING DEVICE FROM ROLLING AWAY BY CLOSING THE DRUM BRAKE AND THE WHEEL LOCKS OF THE BACK CASTERS.

#### ATTENTION

STEPS AND STAIRS ARE NOT TO BE OVERCOME WITH THE MOBILE STANDING DEVICE. JUST AS WELL, A PERSON CANNOT BE CARRIED UP STEPS OR STAIRS WHILE IN THE MOBILE STANDING DEVICE.

#### ATTENTION

Injury risk on all rotating or turnable parts.

#### ATTENTION

The mobile standing device can only be used according to its purpose. Any other use or misuse can contain serious risks for you and your surroundings. Also, the guarantee or product liability can be terminated in case of misuse!

#### ATTENTION

All building alterations are not to be done without our approval and must be carried out and documented by us or a qualified rehab technician.

#### ATTENTION

Do not make repairs and/or do maintenance work yourself. Contact your qualified rehab technician.

#### READ

Before operating the mobile standing device, read this user manual attentively.

#### READ

Consider the indications for maintenance and inspection at the end of the operating instructions.

### 2.2 DANGER OF TIPPING AND FLIPPING OVER

#### ATTENTION

The danger of tipping and flipping over can occur from all forms of height differences (steps, doorways, stairs) as well as leaning out to the side and/or back of the mobile standing device.

The assistant and/or caretaker is responsible that the patient is securely in the mobile standing device, is strapped in where necessary and all lockable truss pads are tightly locked.

#### ATTENTION

The most important supporting points according to the three point method are: knee truss pads, posterior truss pads and chest truss pads.

Before each use, check the firm and reliable fit of the chest and knee truss pads and after getting in the firm and reliable fit of the posterior truss pads.

#### ATTENTION

IN BOTH MODELS OF THE POSTERIOR TRUSS PAD, THE STAR KNOB SCREW MUST BE TIGHTENED FIRMLY. THE LATCH ALONE IS NOT ENOUGH FOR STABILIZING!

#### ATTENTION

If you operate the release latch of the gas pressure spring on the centre column, the user can suddenly jerk forward or backward and at the worst, hurt themselves.

THEREFOR, ONLY OPERATE THE RELECHASE LATCH IN THE PRESENCE OF AN ASSISTING PERSON WHO SUPPORTS THE USER.

### 2.3 OTHER RISKS

#### ►► HINWEIS

Avoid direct sunrays. Dark parts on the mobile standing device can heat quickly and can possibly cause burns.

#### ATTENTION

FIRE RISK of the textile parts (truss pad cushions and covers). Keep sources of ignition away from the mobile standing device.

#### ATTENTION

Do not use or place the mobile standing device in damp rooms. Important parts may corrode, whereby the lifespan of the aid is negatively influenced.

### 2.4 LOADING AND TRANSPORTING

#### ATTENTION

Stow and tie up all demounted/loose parts of the mobile standing device securely in the vehicle so that if a sudden stop occurs, the parts will not harm anyone.

Secure the mobile standing device and all loose parts with tension belts in the vehicle.

### 3 HANDLING AND FINE ADJUSTMENTS

#### 3.1 ACTIVELY GETTING IN AND OUT

**⚠ ATTENTION**

WITH EVERY TRANSFER IN/OUT OF THE MOBILE STANDING DEVICE, AN EXPERIENCED CARER MUST BE THERE TO ASSIST.

EACH TRANSFER CAN ONLY TAKE PLACE ON FIRM, EVEN GROUNDS AND WITH ACTIVATED WHEEL LOCK WITH THE MOBILE STANDING DEVICE AS WELL AS WITH THE WHEELCHAIR.

DO NOT ONLY ACTIVATE THE DRUM BRAKES, BUT ADDITIONALLY ALSO THE WHEEL LOCKS OF THE BACK CASTERS ON THE MOBILE STANDING DEVICE.

##### 3.1.1 Actively getting in with posterior truss pad with additional standing support

**⚠ ATTENTION**

Getting in actively (independently) requires a lot of strength and skill and for this reason can only be done by experienced, strong users and only with the help of an assisting person.

**Getting in:**

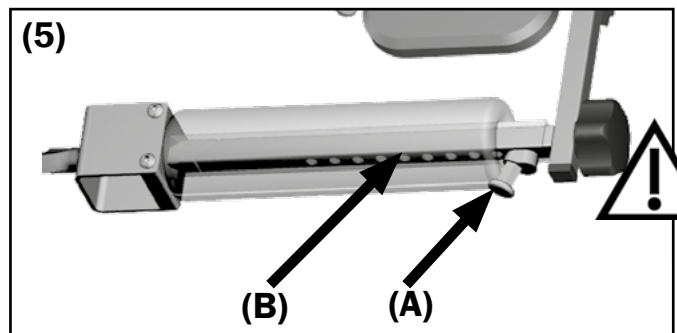
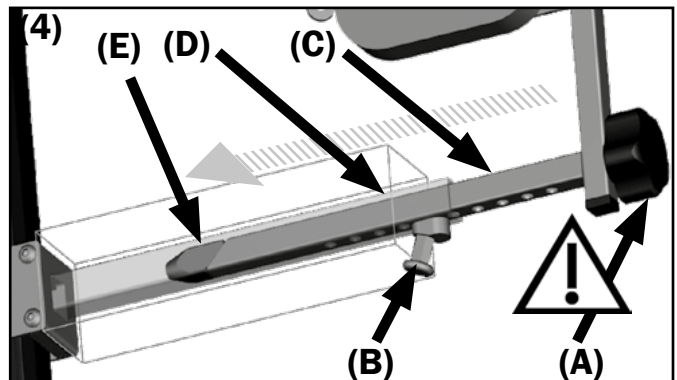
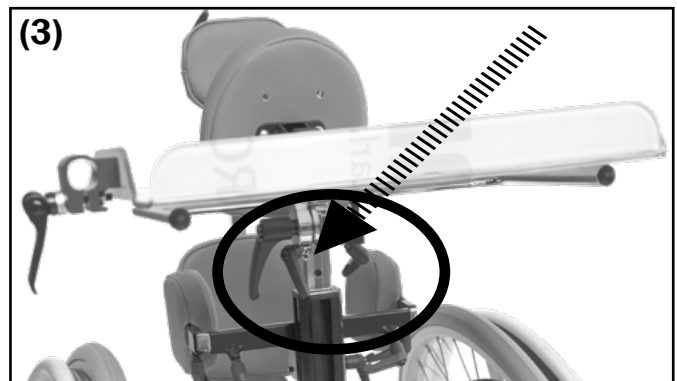
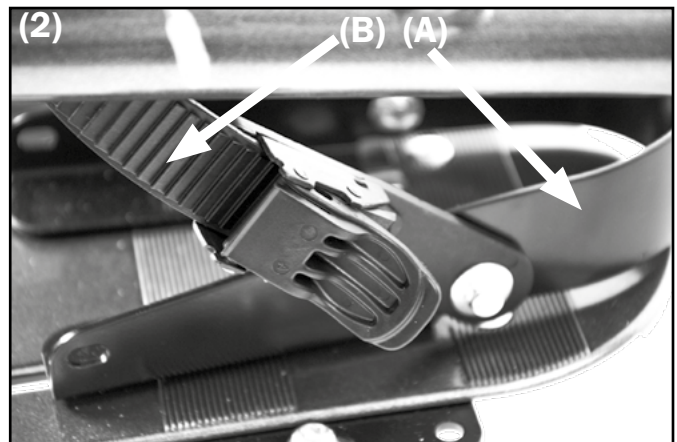
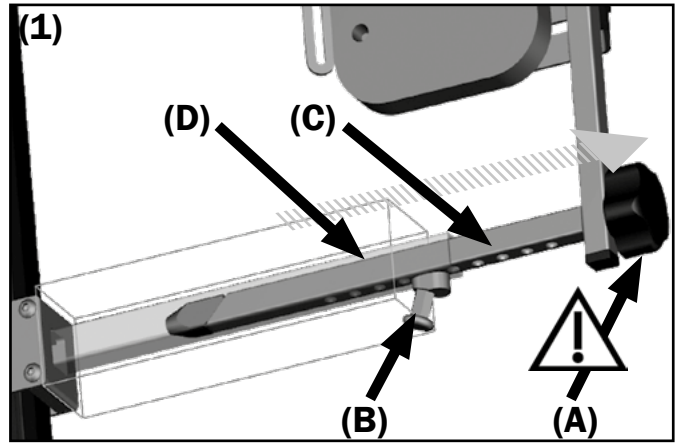
- (1) Drive with your wheelchair as close as possible to the back of your mobile standing device.
- Secure it **AND** the mobile standing device from rolling away (see above).
- Your carer loosens the star knob (A) and pulls the latch (B) to unlock down.
- At the same time, he/she pulls the complete truss pad on the threaded rod (C) back out of the square tube (D).
- (2) When your feet are placed in the foot plates (A) and the belts (B) are closed securely,
- (3) grab hold of the centre column with both hands and pull yourself as far up into a „standing“ position so that your knees are placed securely in the knee truss pads.

**Setting the depth of the posterior truss pad**

- (4) Your carer pushes the posterior truss pad on the threaded rod (C) as far into the square tube (D) until the wanted depth setting (= the wanted standing pose) is reached.
- (5) With this, the latch (A) automatically relents and snaps along the grid (B).
- (4) When the depth setting of the posterior truss pad is finished,
- your carer will fixate the posterior truss pad by turning the star knob (A) until the wedge (E) has stabilised the truss pad, free of play, in the square tube (D).
- If available, have the belt of the side chest and/or pelvic truss pad closed.

**⚠ ATTENTION**

VITAL FOR THE FIRM, SECURE AND RELIABLE FIT OF THE POSTERIOR TRUSS PAD IS THE STAR KNOB (1A, 4A). FOR THE SAFE USE OF THE BOOGIE IT IS REQUIRED THAT THE STAR KNOB WAS TIGHTLY CLOSED! THE BOOGIE IS NOT OPERABLE WITHOUT A FIRM FIT OF THE STAR KNOB SCREW.



### 3.1.2 Actively getting out with posterior truss pad with additional standing support

#### ⚠ ATTENTION

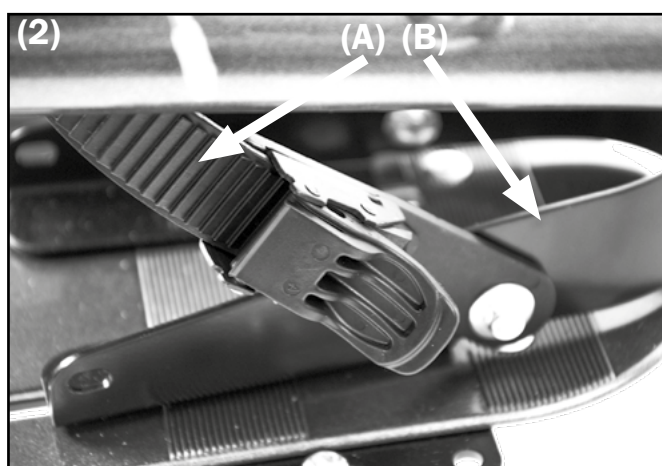
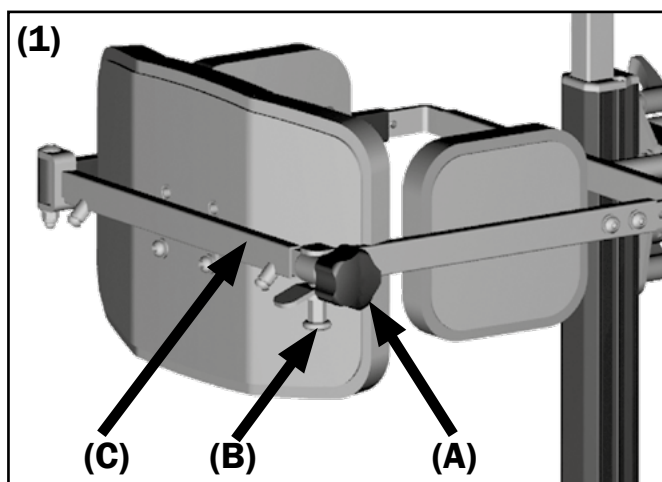
Secure the mobile standing device AND the wheelchair (as already described) from rolling away.

- Put the centre column - if possible - in a verticle position.

#### ⚠ ATTENTION

**WHEN PLACING THE CENTRE COLUMN WITH A GAS PRESSURE SPRING VERTICLY, BE SURE TO NOTE THAT WHEN RELEASING THE WHOLE WEIGHT OF THE USER PUSHES BACKWARD.**

- Drive backwards as close as possible to the front edge of your wheelchair seat or have the wheelchair pushed to the back of the mobile standing device.
- If necessary, have the belt of the pelvic truss pad open.
- If possible, hold on to the centre column with both hands.
- Have your carer open the posterior truss pad (according to the previous chapter).
- Slowly (!) let yourself back onto the seat of your wheelchair while being supported.
- When you are securely sitting in the wheelchair your carer will then open the belts of the foot plates (see chapter foot plates).
- Place your feet back on to the foot plate/s of your wheelchair.
- .



### 3.1.3 Actively getting in with posterior truss pad with crank and swivel bracket

#### ⚠ ATTENTION

REGARD ALL INSTRUCTIONS OF CHAPTERS 3.1 AND 3.1.1.

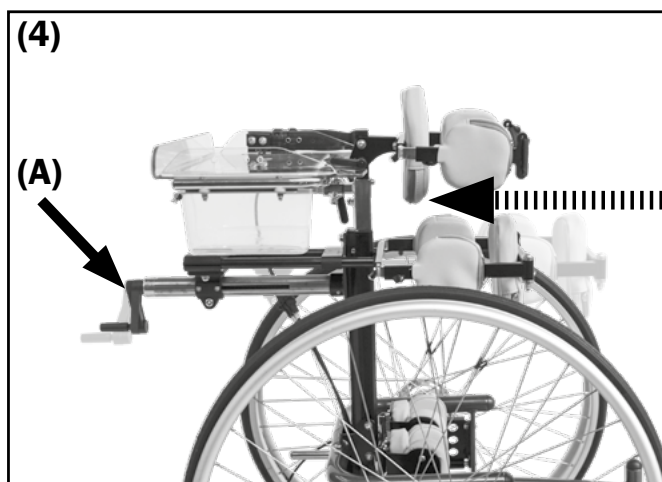
- Proceed as described in chapter 3.1.1 .
- (1) Your carer loosens the star knob (A),
- pulls the latch (B) to unlock down and
- swings the bar (C) all the way back.
- (2) When your feet are placed in the foot plates (A) and the belts (B) are closed securely,
- grab hold of the centre column with both hands and pull yourself as far up into a „standing“ position so that your knees are placed securely in the knee truss pads.
- (3) Your carer closes the bar (A).
- The latch (B) must snap into place.
- Then he/she will tighten the star knob screw (C).

#### Setting the depth of the posterior truss pad

- (4) At the end, your carer will set the necessary depth of the posterior truss pads and places you in the wanted standing pose, by turning the crank (A)
- If available, close the belt of the side chest truss pads.

#### ⚠ ATTENTION

**THE STAR KNOB SCREW MUST BE SCREWED ON TIGHTLY IN BOTH VERSIONS OF THE POSTERIOR TRUSS PADS. THE LATCH ALONE IS NOT ENOUGH FOR STABILISATION! THE BOOGIE DRIVE IS NOT OPERABLE WITHOUT A FIRM FIT OF THE STAR KNOB SCREWS.**



### 3.1.4 Actively getting out with posterior truss pad with crank and swivel bracket

**⚠ ATTENTION**

Secure the mobile standing device AND the wheelchair (as already described) from rolling away.

- Put the centre column - if possible - in a verticle position.

**⚠ ATTENTION**

**WHEN PLACING THE CENTRE COLUMN WITH A GAS PRESSURE SPRING VERTICLY, BE SURE TO NOTE THAT WHEN RELEASING THE WHOLE WEIGHT OF THE USER PUSHES BACKWARD.**

- Drive backwards as close as possible to the front edge of your wheelchair seat or have the wheelchair pushed to the back of the mobile standing device.
- If necessary, have the belt of the pelvic truss pad open.
- If possible, hold on to the centre column with both hands.
- Have your carer open the posterior truss pad (according to the previous chapter).
- Slowly (!) let yourself back onto the seat of your wheelchair while being supported.
- When you are securely sitting in the wheelchair your carer will then open the belts of the foot plates (see chapter foot plates).
- Place your feet back on to the foot plate/s of your wheelchair.

## 3.2 POSITIONING THE USER IN THE MOBILE STANDING DEVICE

**⚠ ATTENTION**

**EACH TRANSFER IN/OUT OF THE MOBILE STANDING DEVICE MUST BE CARRIED OUT BY AN EXPERIENCED CARER.**

**EACH TRANSFER CAN ONLY TAKE PLACE ON FIRM, EVEN GROUNDS AND WITH ACTIVATED WHEEL LOCK WITH THE MOBILE STANDING DEVICE AS WELL AS WITH THE WHEELCHAIR.**

**DO NOT ONLY ACTIVATE THE DRUM BRAKES, BUT ADDITIONALLY ALSO THE WHEEL LOCKS OF THE BACK CASTERS ON THE MOBILE STANDING DEVICE.**

**Getting in**

- Secure the mobile standing device AND the wheelchair from rolling away (see previous chapter).
- (1) To remove the posterior truss pad your carer opens the star knob (A), pulls the latch (B) down and the threaded rod (D) out of the guide tube, at the same time.
- (2) With a circular posterior truss pad with crank, your carer turns the star knob (C) open as far as needed, pulls the latch (B) down and swings the tube (A) back.
- Your carer brings you as close as possible, from behind, to the mobile standing device.
- When your feet are securely in the foot shells and are belted,
- your carer will pull you by the arms and/or push you from behind at the bottom/pelvis into the mobile standing device.

### Setting the depth of the posterior truss pad

- (1) Your carer puts the posterior truss pad in the square tube (D), until the latch (B) snaps into the rows of holes (C) and
- pushes the truss pad as far into the square tube (D) until the wanted elongation is reached.
- (2) With the posterior truss pad with crank and swivel bracket, he/she should proceed as stated in the previous chapters.

**⚠ ATTENTION**

**(1+2) THE STAR KNOB SCREW (1A/2C) MUST BE SCREWED ON TIGHTLY IN BOTH VERSIONS OF THE POSTERIOR TRUSS PADS. THE LATCH (B) ALONE IS NOT ENOUGH FOR STABILISATION! THE MOBILE STANDING DEVICE IS NOT OPERABLE WITHOUT A FIRM FIT OF THE STAR KNOB SCREWS (1A/2C).**

- After, your carer will secure you with the belt on the chest truss pad or on the side pelvic truss pads.
- If necessary, your carer will put the headrest in the wanted position and tilt the centre column.

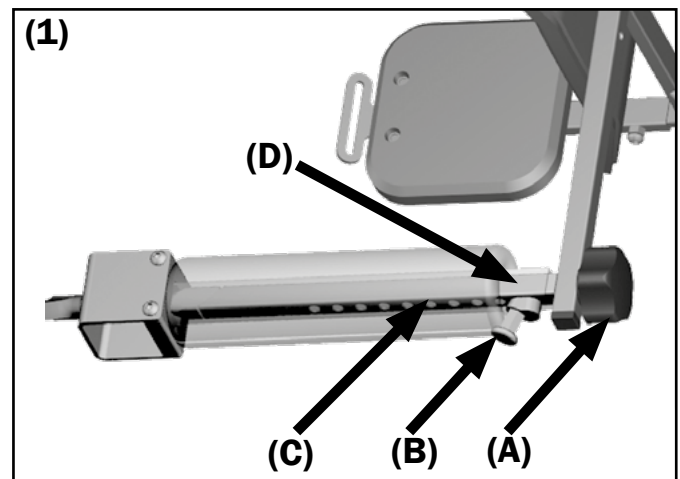
**i INFORMATION**

The fine adjustment work is explained in the service record.

**⚠ ATTENTION**

**WHEN TILTING THE CENTRE COLUMN, ALL WHEEL LOCKS MUST BE LOCKED.**

**THE MECHANICAL TILTING ADJUSTMENT OF THE CENTRE COLUMN MAY ONLY OCCUR WHEN THE AID IS EMPTY.**



### 3.3 CENTRE COLUMN

#### Setting the angle of the centre column

**⚠ ATTENTION**

THE ANGLE SETTING OF THE CENTRE COLUMN WITH TELESCOPE AND CLAMP LEVER CAN ONLY BE CARRIED OUT WHEN A PATIENT IS IN THE AID.

#### Adjusting the angle of the centre column

**⚠ ATTENTION**

(3) IN ORDER TO ADJUST THE CENTRE COLUMN YOU MUST HOLD THE PATIEND AND/OR THE CENTRE COLUMN WITH BOTH HANDS WHILE YOU ACTIVATE THE RELEASE LEVER (A).

**⚠ ATTENTION**

THE ANGLE ADJUSTMENT OF THE CENTRE COLUMN WITH GAS PRESSURE SPRING CAN ONLY OCCUR WHILE STANDING STILL AND WITH ACTIVATED WHEEL LOCK (DRUM BRAKE AND BACK CASTERS).

- Press the release lever of the gas pressure spring down with your foot,
- place the centre column in the desired angle and
- let go of the release lever (A).

### 3.4 FOOT STRAPS

#### To close the foot straps:

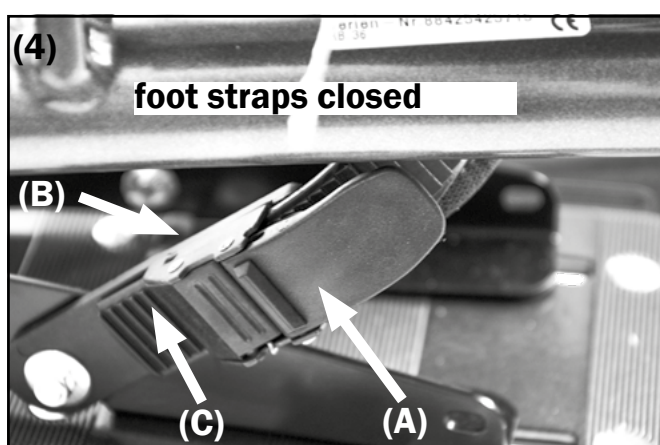
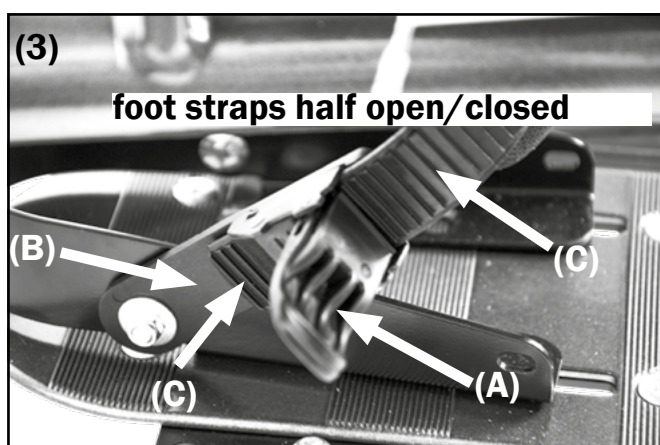
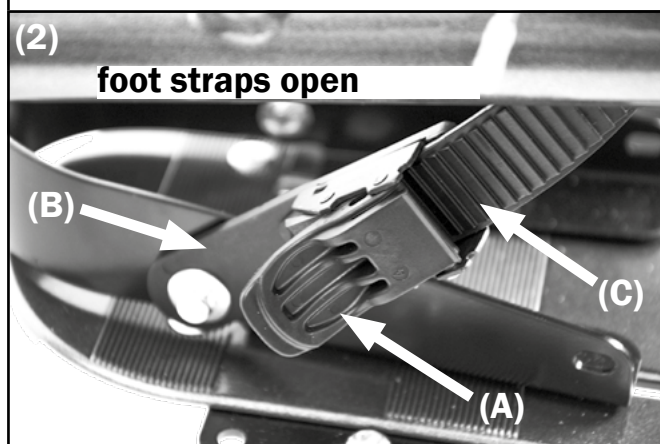
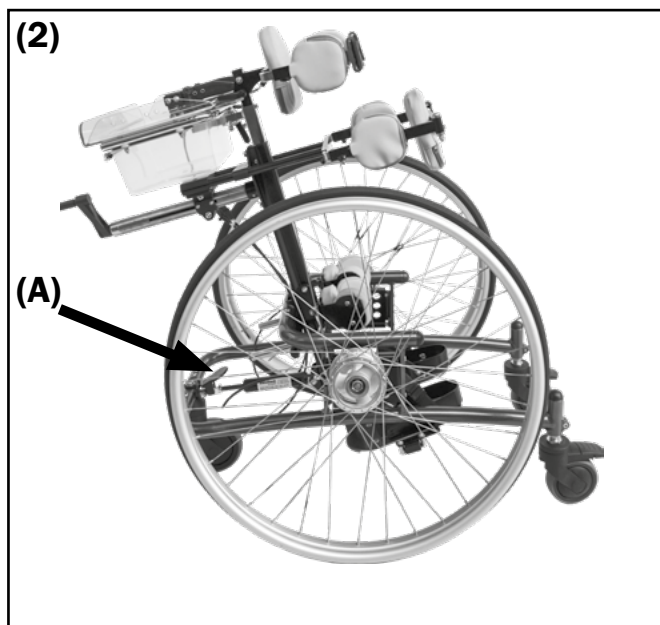
- (2) The clasp (A) of the fastener (B) must be open (see picture).
- (3) Guide the strap (C) from the front in the fastener (B), without tightening it too much. When closing the clasp (A) the strap (C) tightens.
- Push the strap (C) as far as needed in the fastener (B) and
- (4) close the clasp (A).

#### To tense the foot straps:

- Put the clasp (A) out of the half open position (picture 2) in the closed position (picture 3)
- repeat the process until the user's foot is tightly enclosed by the strap

#### To open the foot straps:

- (4) Open the clasp (A) all the way (see picture 2) and
- pull the strap (C) all the way out of the fastener (B).



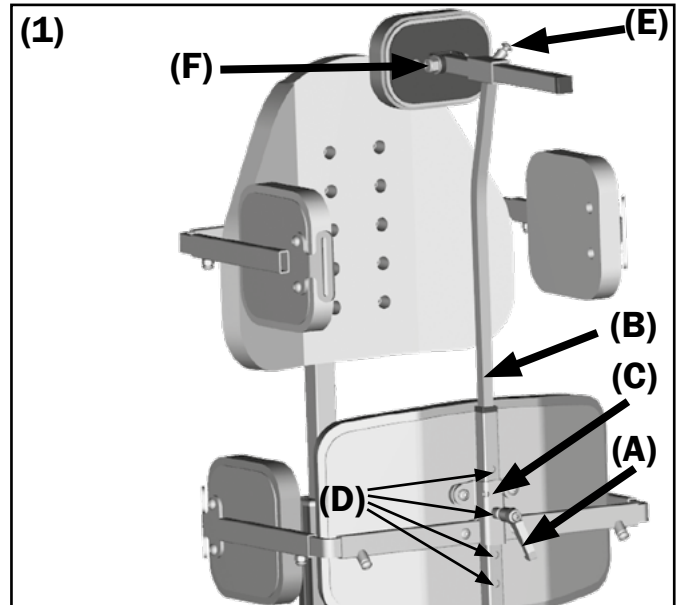
### 3.5 BACK TRUSS PADS

#### (1) Height adjustment of the back truss pad:

- Open the clamp lever (A) of the posterior truss pads so far that you can push the beam (B) of the back truss pad in the holder (C) freely up or down.
- Place the beam (B) in the wanted height.
- Turn the clamp lever (A) through one of the alternative holes (D) and retighten the clamp lever (A).

#### Adjusting the depth and angle of the back truss pads:

- Loosen the set screw (E),
- push the headrest in the wanted position and retighten the set screw (E).
- To adjust the angle loosen the screw (F),
- place the cushion in the wanted tilt
- and retighten the screw (F).



### 3.6 CHEST TRUSS PAD

#### 3.6.1 Height adjustment of the chest truss pads

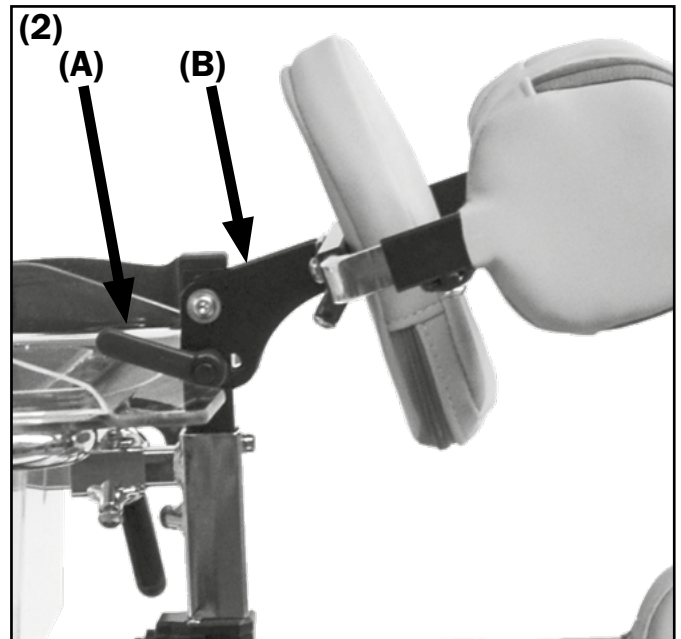
##### ⚠ ATTENTION

The necessary work is described in the service book and can only be done by a qualified rehab technician.

#### 3.6.2 Tilt angle of the chest truss pad

##### To adjust the tilt angle of the chest truss pad:

- (1) Loosen the clamp lever (A)
- turn the holder (B) of the chest truss pad in the wanted tilt and
- retighten the clamp lever (A).



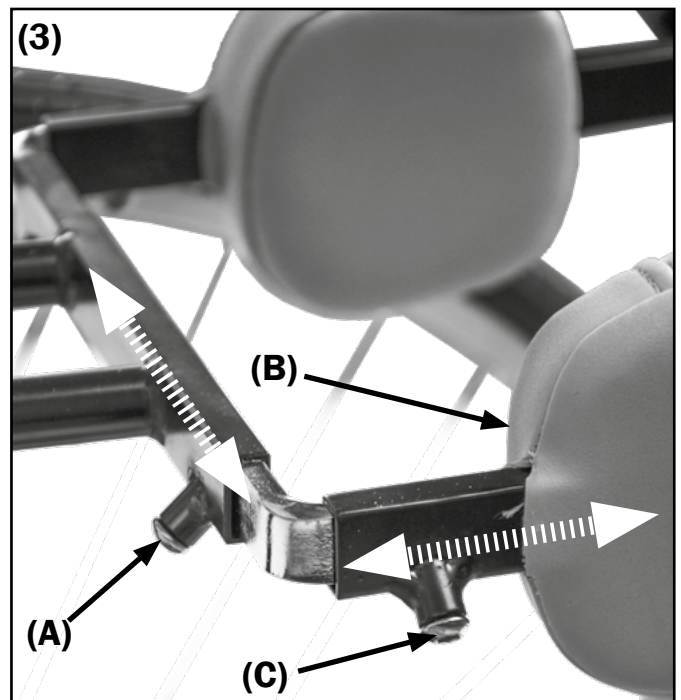
### 3.7 SIDE CHEST TRUSS PADS

#### (3) To adjust the width of the side chest truss pads:

- (2) Remove both set screws (A)
- extend the holder (B) to the wanted distance
- replace and retighten the set screws (A).

#### (3) To adjust the depth of the side chest truss pads:

- (2) Remove on both sides both setscrews (C)
- place the cushions (B) in the desired distance
- and replace and retighten the setscrews (C).



## 3.8 PELVIC TRUSS PADS

### **i** INFORMATION

Die Pelotten können wahlweise mit Stellschrauben oder Klemmhebel ausgestattet sein.

Im Folgenden wird der Einstellvorgang anhand des jeweils benutzten Bildes beschrieben. Sollte Ihr Stehfahrrad anders ausgestattet sein, verfahren Sie bitte sinngemäß.

### 3.8.1 Height adjustment

(1) To adjust the height:

- Open the clamp lever (A),
- move the holder (B) along the centre column (C) to the desired position
- and retighten the clamp lever (A).

### 3.8.2 Width adjustment

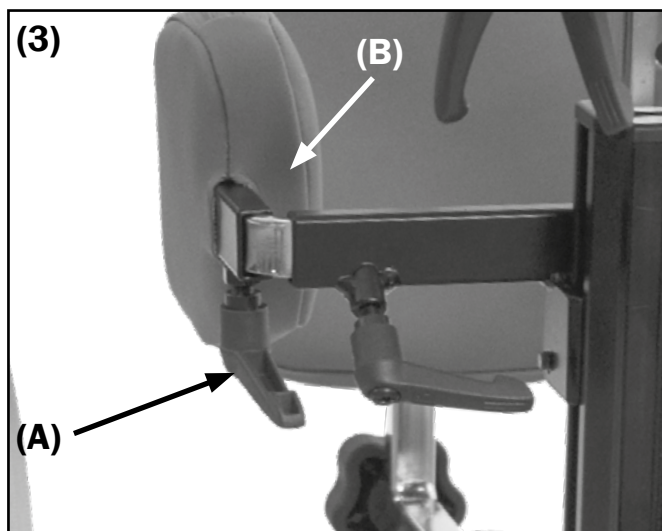
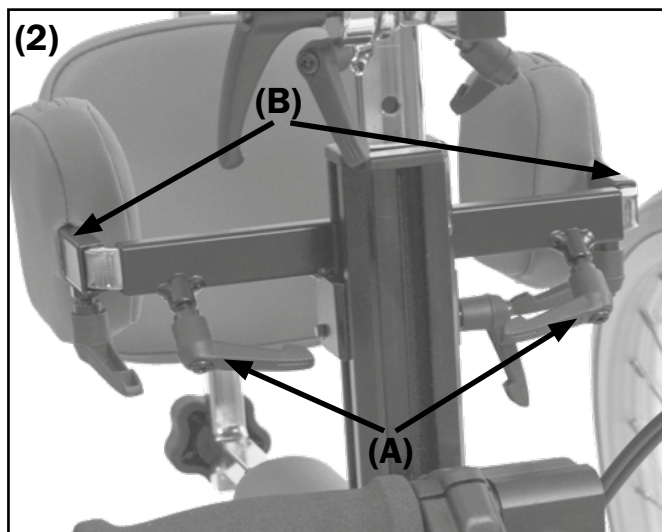
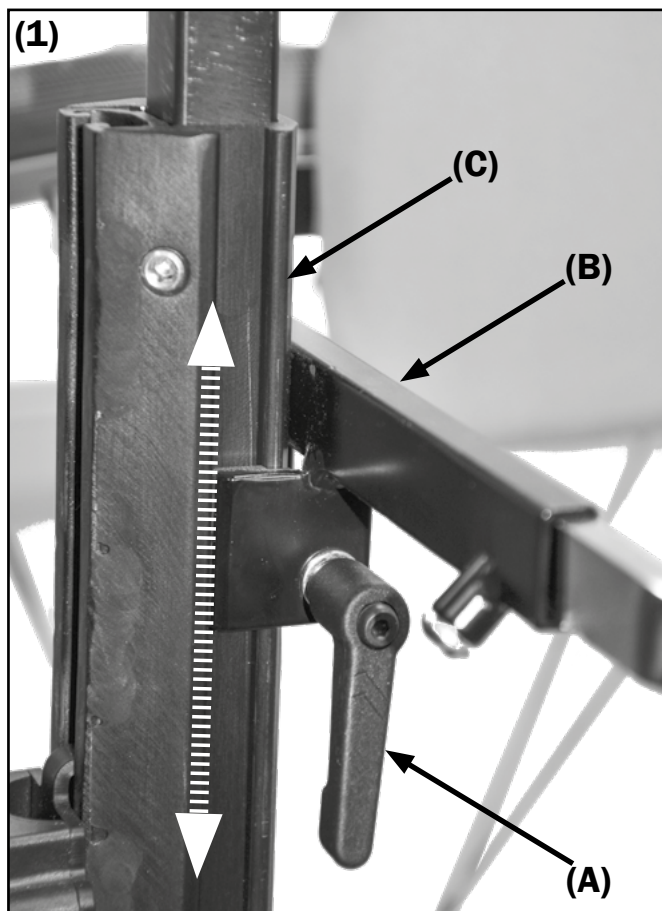
(2) To adjust the width:

- Open the clamp levers (A),
- telescope both bails (B) to the desired measurement
- and retighten both clamp levers (A).

### 3.8.3 Depth adjustment

(3) To adjust the depth:

- Open the clamp levers (A) on both sides,
- displace both truss pads (B) to the desired position
- and retighten both clamp lever (A).



### 3.9 STANDARD KNEE TRUSS PADS

#### **⚠ ATTENTION**

THE KNEE TRUSS PADS MUST HAVE BEEN SET TO THE INDIVIDUAL MEASUREMENTS OF THE CHILD/ ADOLESCENT AS EXACT AS POSSIBLE BEFORE THE FIRST USE OF THE MOBILE STANDING DEVICE. WHEN THE USER IS STANDING IN THE MOBILE STANDING DEVICE, ONLY FINE ADJUSTMENTS ARE THEN ALLOWED TO BE MADE.

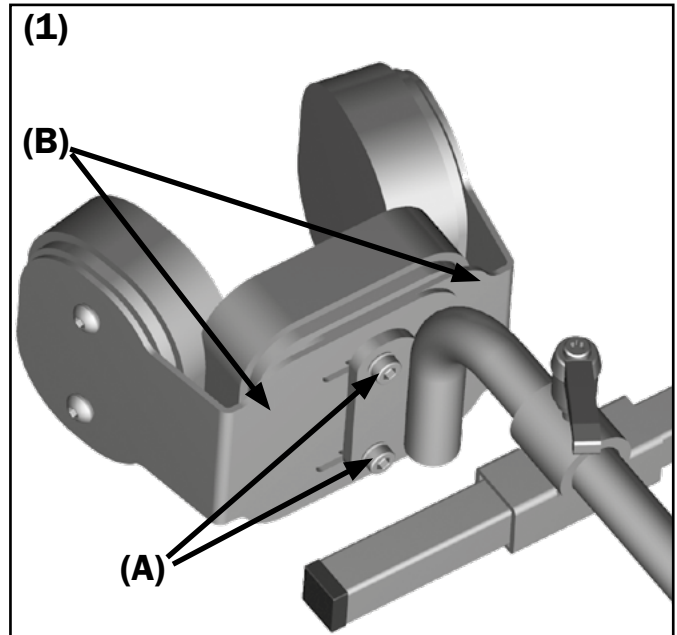
#### **i INFORMATION**

We recommend BEFORE the first use, to set the width of the knee truss pads to the measurements of the user. For this, please remove the knee truss pads.

#### 3.9.1 Adjusting the truss pad width size 1

(1) To adjust the knee truss pad:

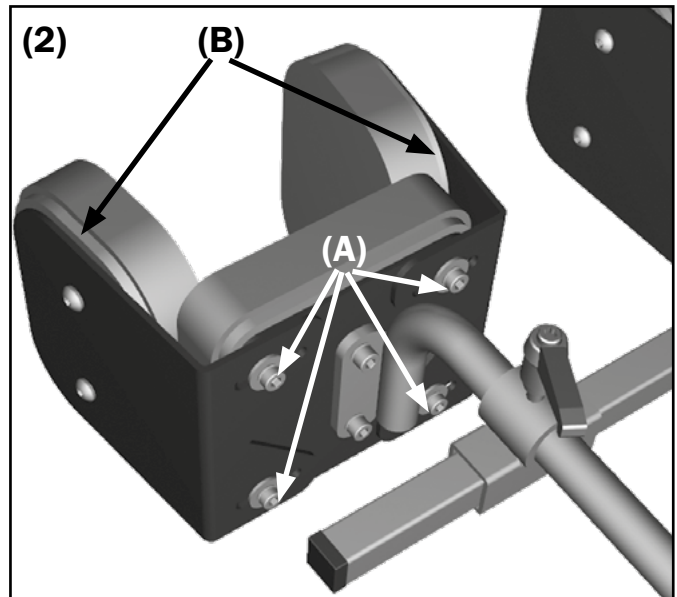
- Loosen both screws (A),
- telescope both holders (B) along the elongated hole to the desired measurement
- and retighten both screws (A).



#### 3.9.2 Adjusting the truss pad width size 2

(2) To adjust the knee truss pad:

- Loosen all four screws (A),
- telescope both holders (B) to the desired measurements
- and retighten all screws (A).



#### 3.9.3 Adjusting the height

(3) To adjust the height:

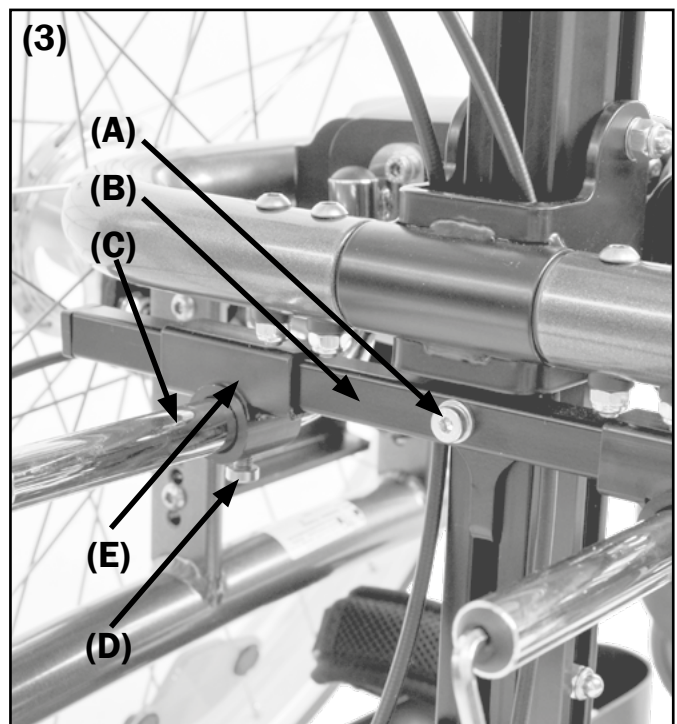
- Loosen the screw (A),
- displace the holder (B) to the desired height and
- retighten the screws (A).

(3) And/or:

- Loosen the screws (D) on both sides,
- turn the holders (C) 180° and
- retighten the screws (D).

(3) And/or:

- Loosen the screws (D) on both sides,
- remove the holder (C),
- turn the holder (C) vertical 180°,
- place it back on the holder (B) and
- retighten the screws (D).



#### 3.9.4 Adjusting the depth

(3) To adjust the depth:

- Loosen the screws (D) on both sides,
- move the pillars (C) of the knee truss pads, on both sides, to the desired position
- and retighten the screws (D).

#### 3.9.5 Adjusting the distance

(3) To adjust the depth:

- Loosen the screws (D) on both sides,
- move the holders (E) of the knee truss pads, on both sides, to the desired position
- and retighten the screws (D).



### 3.10 KNEE TRUSS PADS WITH RESTING BRACKETS

#### **⚠ ATTENTION**

THE KNEE TRUSS PAD MUST HAVE BEEN SET TO THE INDIVIDUAL MEASUREMENTS OF THE CHILD/ ADOLESCENT AS EXACT AS POSSIBLE BEFORE THE FIRST USE OF THE MOBILE STANDING DEVICE. WHEN THE USER IS STANDING IN THE MOBILE STANDING DEVICE, ONLY FINE ADJUSTMENTS ARE THEN ALLOWED TO BE MADE.

#### **ℹ INFORMATION**

We recommend **BEFORE** the first use, to set the width and the shear angle of the resting brackets to the measurements of the user. For this, please remove the knee truss pads

#### 3.10.1 Adjusting the truss pad width

(1) The brackets (A) of the knee truss pads can be bent.

- Press the brackets (A) on both nuts (B) apart or together to the desired measurement.
- After, test the fitting of the knee truss pads on the user.

#### **⚠ ATTENTION INJURY RISK**

**ONLY PRESS THE BRACKETS TOGETHER WHEN THE TRUSS PAD IS „EMPTY“.** VICE VERSA, YOU CANNOT FORCE THE KNEE OF THE USER IN A TOO TIGHT TRUSS PAD IN ORDER TO WIDEN IT.

#### 3.10.2 Adjusting the shear angle

(1) To change the shear angle:

- Loosen both nuts (B) of the truss pad on the inner and outer side,
- place the brackets (A) in the desired angle
- and retighten all nuts (B).
- Test the fitting of the knee truss pads on the user.
- After, mount the knee truss pads back on to the Boogie.

#### 3.10.3 Adjusting the height

(2) To adjust the height:

- Loosen the clamp lever (A),
- displace the whole pillar of the knee truss pads (B) to the desired position and
- retighten the clamp lever (A).

#### 3.10.4 Adjusting the depth

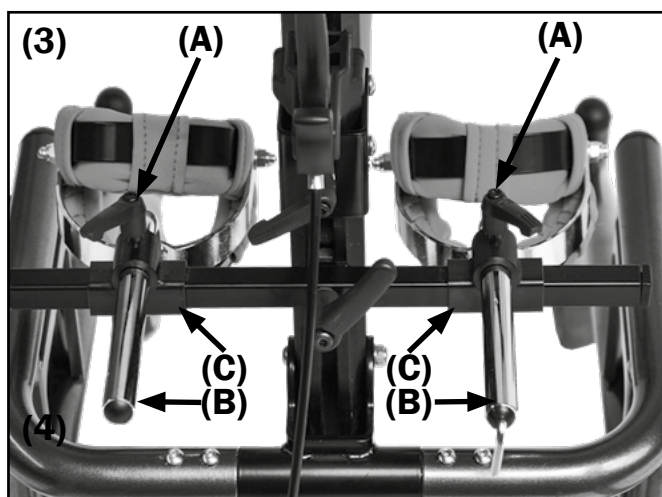
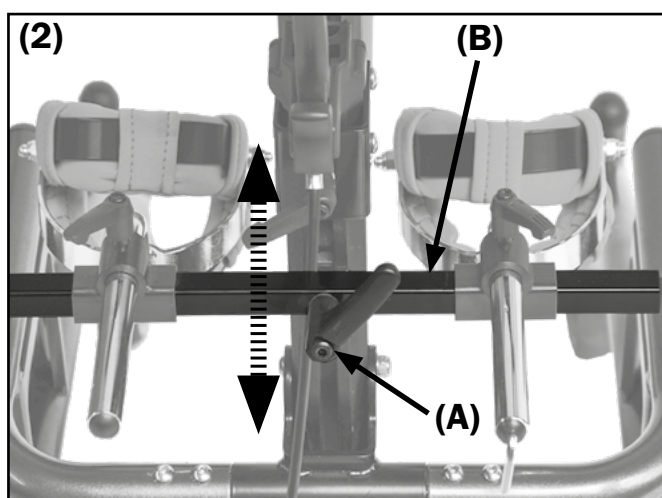
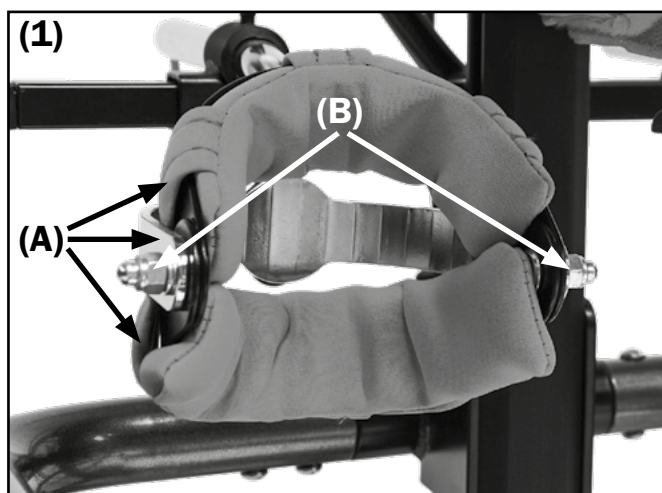
(3) To adjust the depth:

- Loosen the clamp lever (A),
- displace the whole pillar of the knee truss pads (B) to the desired position and
- retighten the clamp lever (A).

#### 3.10.5 Adjusting the distance

(4) To adjust the distance:

- Loosen the clamp lever (A),
- displace the holder (C) of the knee truss pads in the desired position and
- retighten the clamp lever (A).



### 3.11 WHEEL LOCK

#### 3.11.1 Drum brake

Normally the control lever of the drum brake is attached to the therapy table.

**To lock/unlock the drum brake:**

- **(1+2)** Depending on the position of the control lever, in order to lock the drum brake, pull the brake lever **(A)** up so far until the small locking lever **(B)** snaps into the groove **(C)**.
- The drum brakes are now blocked.
- **(1+2)** To loosen the blockage pull the brake lever **(A)** a little further up, so that the small locking lever **(B)** unlocks out of the groove **(C)**.
- Then release the brake lever **(A)**.
- The drum brakes are now deactivated.

#### **ATTENTION**

To secure the mobile standing device always use, in addition, the locking levers of the back casters (regard the corresponding chapter).

#### 3.11.2 Displacing the brake control lever

**To displace the lever:**

- **(3)** Loosen the clamp lever **(A)** by lifting up, pull the whole control lever **(B)** back, out of the holder **(C)**,
- **(2)** place the control lever **(B)** in the alternative holder **(D)** on the centre column and
- tighten this clamp lever **(E)**.
- **The height adjustment of the holder on the centre column is described in the service record.**

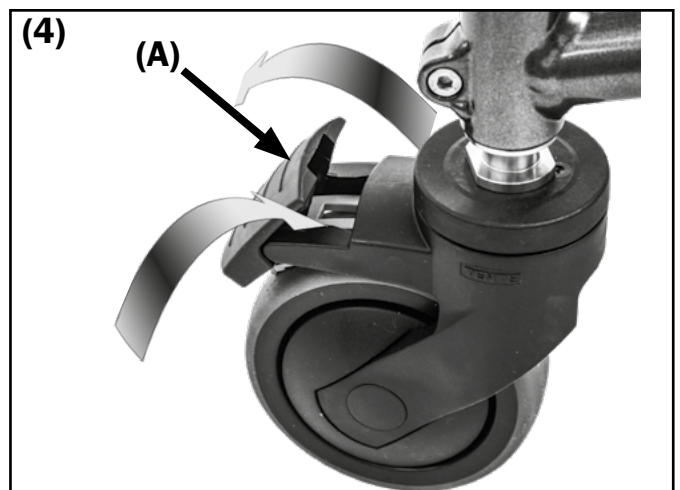
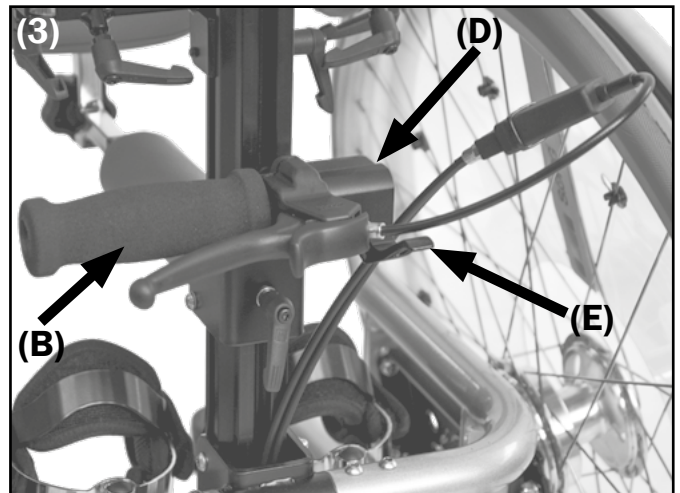
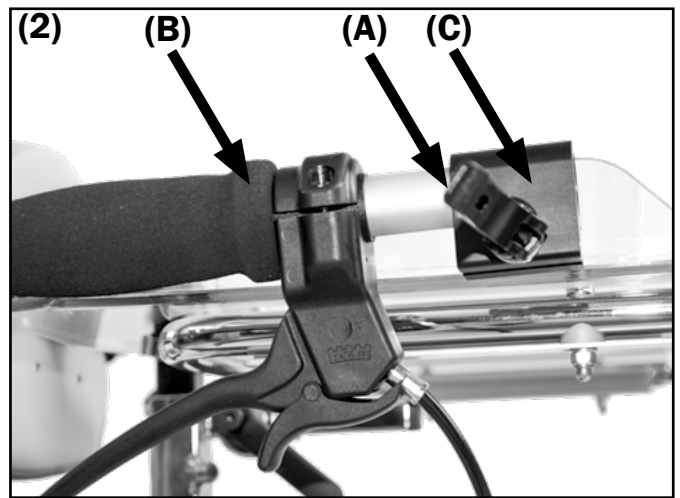
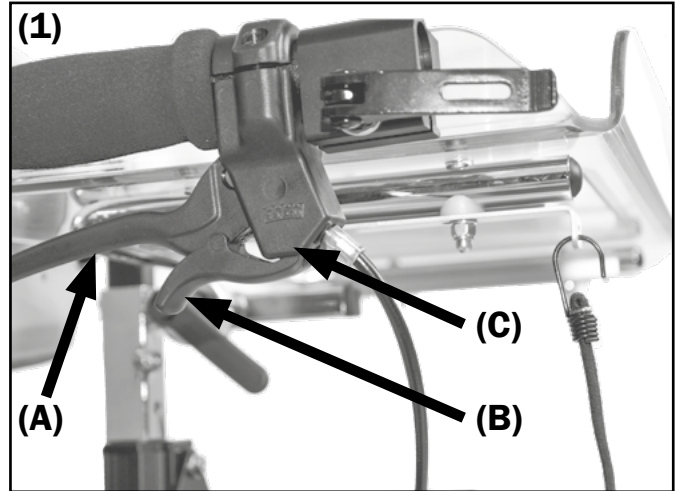
#### 3.11.3 Back casters with locking lever

**To lock/loosen the back casters:**

- **(4)** Push the locking lever **(A)** with your foot back and down.
- To release the brake push the upward sticking pedal **(A)** back into its original position.

#### **ATTENTION**

**SECURING THE MOBILE STANDING DEVICE SOLELY WITH THE BRAKES OF THE BACK CASTERS IS NOT ENOUGH! IN ADDITION ALWAYS USE THE DRUM BRAKES.**



## 3.12 WHEELS

### 3.12.1 Driving wheels

- (1+2) To loosen or apply the quick release axle push the locking knob (A) in the middle of the hub and release it after.
- (3) After application, the locking ball (A) should stick out visually at the end of the quick release axle fitting (B). The wheels should not be removable anymore.

#### ATTENTION

(3) When putting on the driving wheels always be sure that the locking ball (A) of the quick release axle is visually sticking out on the inside of the quick release axle fitting (B).

Verify the functionality of the small locking ball (A) at the end of the quick release axle regularly.

Wheels are turning parts and can hurt your fingers.

### 3.12.2 Casters in front and back

The mobile standing device is constructed in a way so that when the centre column is in a vertical position, no weight is on the front caster/s but all of it on the back ones.

#### INFORMATION

The back casters are sprung in order to absorb impacts (e.g. when bobbing). Should a modification of the back caster height be necessary, because of possible obstacles in your surroundings, the distance between ground and back casters can be set.

Please contact your rehab technician for necessary adjustment work.

## 3.13 OVERCOMING OBSTACLES

With surroundings that are not barrier free, the aid must be modified so that the back casters float over the ground when unloaded. This way the aid can be easily tilted back on to the sprung casters in order to bring the front casters easily over the obstacle.

#### ATTENTION

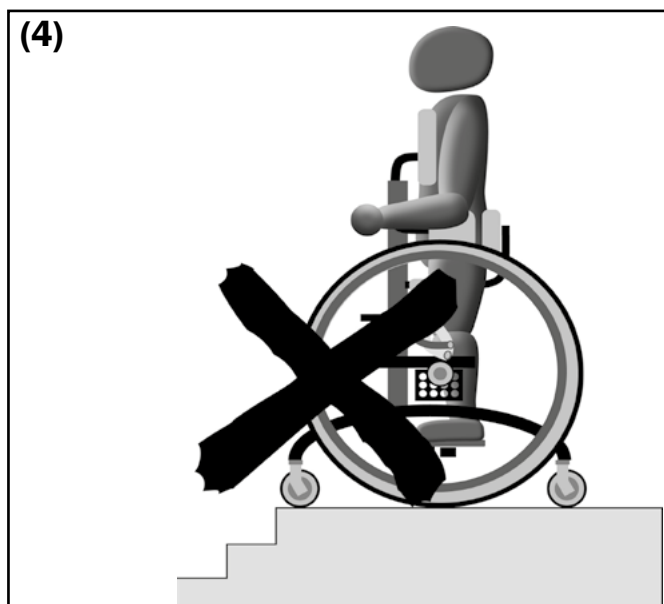
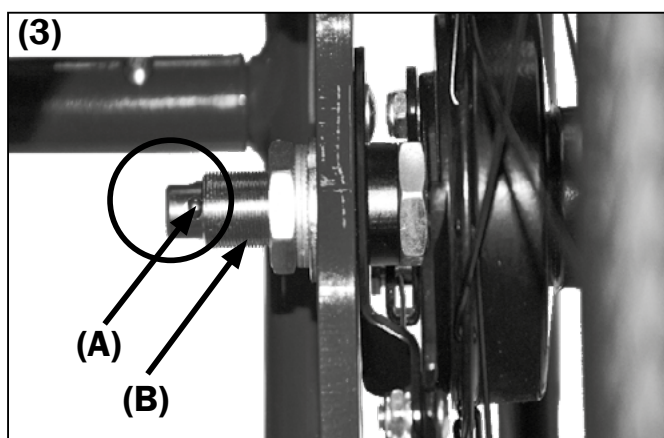
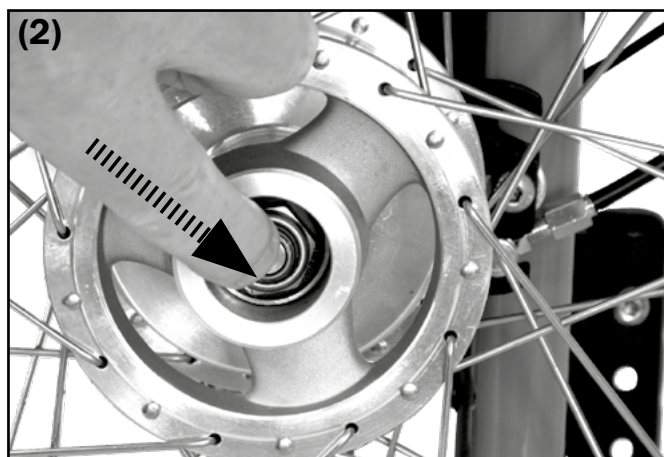
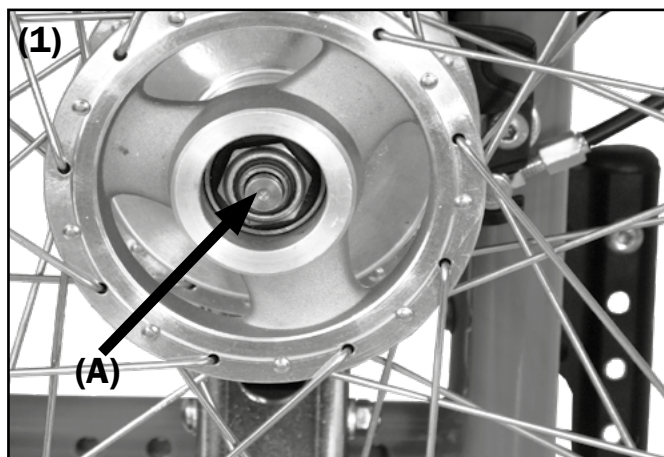
(4) NEVER OVERCOME STAIRS ETC. WITH THE MOBILE STANDING DEVICE

#### ATTENTION: DANGER OF FLIPPING OVER

Cross over the threshold only at right angle - never slanted.

In order to drive over a threshold:

- Drive slowly and at a right angle until you have almost reached the threshold,
- shift your weight back
- and bring the front, now floating caster/s over the obstacle.
- Shift your weight back to the front and
- drive over the obstacle.



### 3.14 THERAPY TABLE

The therapy table is attached to the centre column ex works (standard assembly). However, it can be varied in height and also attached to the chest truss pad holder.

#### 3.14.1 Standard mounting on the centre column

**(1) To adjust the height:**

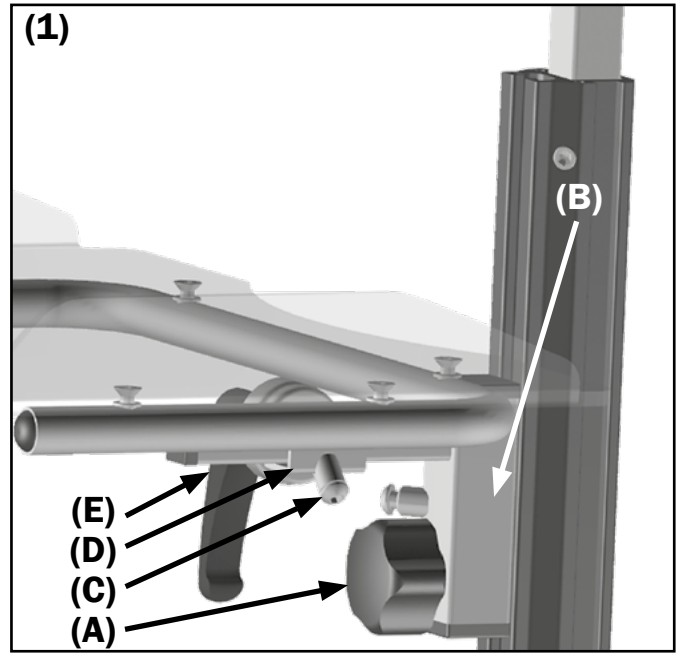
- Loosen the star screw **(A)**,
- move the therapy table on the holder **(B)** along the centre column
- and retighten the star screw **(A)**.

**(1) To adjust the distance:**

- Loosen the set screws **(C)**,
- place the therapy table on the holder **(D)** in the desired position and
- retighten the set screws **(A)**.

**(1) To adjust the tilt angle:**

- Loosen the clamp lever **(E)**,
- place the therapy table in the wanted tilt and
- retighten the clamp lever **(E)**.



#### 3.14.2 Mounting on the chest truss pad holder

**(2) To adjust the height:**

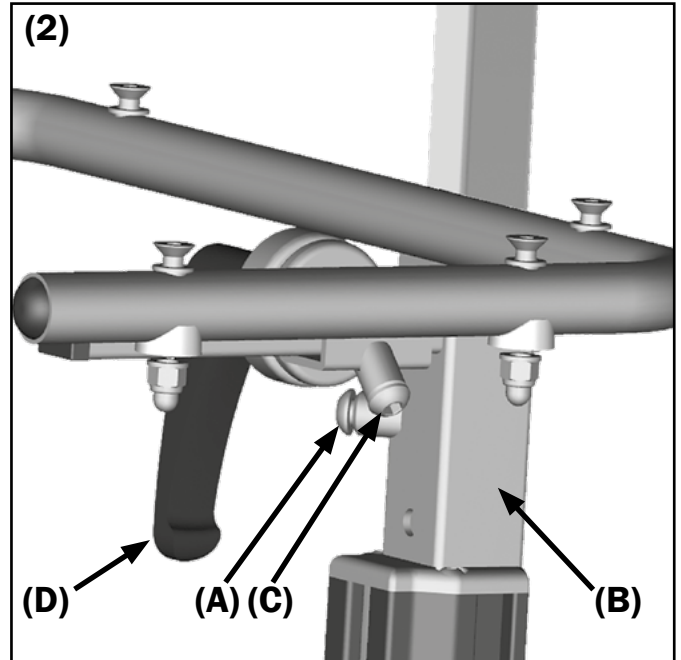
- Loosen the set screw **(A)**,
- move the therapy table on the holder **(B)** along the chest truss pad holder and
- retighten the set screw **(A)**.

**(2) To adjust the distance:**

- Loosen the set screw **(C)**,
- place the therapy table in the wanted distance and
- retighten the set screw **(C)**.

**(2) To adjust the tilt angle:**

- Loosen the clamp lever **(D)**,
- place the therapy table in the wanted tilt
- retighten the clamp lever **(D)**.



## 4. REPAIRS AND MAINTENANCE

### 4.1 REPAIRS



#### ATTENTION

All safety relevant repairs and maintenance work are to be conducted by your specialised retailer. Each change on the aid is only to be done by us or an authorised medical supply store authorised by us.

### 4.2 SPARE PARTS



#### ATTENTION

Only use original spare parts!

### 4.3 DISPOSAL

#### ►► INDICATION

The wheelchair can only be disposed of after consultation and approval from your benefactor.

As a general rule, the disposal of the wheelchair must conform to the respective national legal regulations. You may seek information about local disposal organizations from your city or municipal administration. Our packaging materials are 100% recyclable.

### 4.4 REINSTATEMENT

#### ►► INDICATION

Before each reinstatement the wheelchair has to go through a complete, thorough and qualified inspection and disinfection. The necessary measures for reinstatement are to be followed through according to a validated hygiene schedule.

### 4.5 TIRE CHANGE

To change the puncture proof PU-rubber tyres special tools are needed. Have the work done by your medical supply store.

### 4.6 MAINTENANCE

#### 4.6.1 Cleaning and care

##### TRUSS PAD COVERS

All covers are made of skai® synthetic leather and are:

- Oil and grease consistent,
- antibacterial according to JIS Z 2801,
- disinfectant consistent,
- flame resistant etc.
- and fulfil the DIN EN ISO 10993-5+10 the medical product law.

The technical features and norms are stored with us and can be reviewed upon request.

All frame parts and surfaces can be cleaned with a sponge or a damp cloth. Please use an anti-bacterial cleaning agent. The removable truss pad covers are not suitable for the washing machine and the dryer

#### ►► INDICATION

The use of a high-pressure cleaner is not allowed!

##### CUSHIONS AND COVERS

The covers of the seat and back cushions as well as the seat and back units can be washed in the washing machine at 30°. They are not suitable for the dryer.

#### ►► INDICATION

Regarding the stain care of seat shell covers please turn to your specialised retailer who built the seat shell.

##### FRAME/WHEELS

The frame, the driving wheels and casters must be cleaned regularly with a mild cleaning agent and then dried very well. Please grease the wheel bearings and similar parts regularly.

#### 4.6.2 Disinfection

To disinfect, water based agents are to be used. The indications on application given by the manufacturer are to be followed strictly..



#### INFORMATION

Before you disinfect the wheelchair be sure to clean all cushions and handles in the given manner. Do not use aggressive cleaning agents, solvents or hard brushes.

### 4.7 SERVICE/INSPECTION

#### 4.7.1 Check lists

For safety reasons and to prevent accidents resulting from unseen abrasions, please do a daily visual inspection for cracks, faulty parts and malfunctions. Under normal conditions a yearly inspection by your rehab technician is necessary.

#### ►► INDICATION

This is to be done according to the following service list and documented here.

According to applicable law §33 subparagraph 1,4 BSG V (Service, Maintenance, Replacement Reserve) the inspection is part of the commitment of the benefactor and has to be acquired by them.

**For detailed coordination, we recommend you arrange agreements with your benefactor in the forefront.**

### 4.7.2 Service list

The following service list is based on our long-term experience and is a mandatory guideline with which you can keep your wheelchair – possibly for a long time – in a safe-to-use condition. However, it does not give information about the extent of service or repair needed and observed on the aid.

**⚠ ATTENTION**

**Please keep in mind, the even regular maintenance is not a guarantee for a safe use and road safety. If necessary, individual repairs and/or adjustment work is to be done immediately in order to ensure you are not in great danger.**

Considering possible reuse, the filled out service plan is an informative document about the mobilization of the aid for the benefactor.

WHEN	WHAT	COMMENTS
Before each use	Check wheels/quick release axles for firm fit.	The wheel cannot be able to be pulled out of the quick release axle. The locking knob of the quick release axle must be visually sticking out of the hub on the inner surface.
	Check brakes for functionality (knee lever brake, cable brakes, drum brakes)	<p><b>⚠ ATTENTION</b> If the brake doesn't work correctly (worn out profile or braking bolt, loose brake lever etc.), contact a medical supply store immediately for qualified maintenance work.</p> <p><b>⚠ ATTENTION</b> The wheelchair with full capacity has to stand safely with pulled brake on a ramp with a 7° (=12%) decline.</p>
Preferably before each use	Check frame and back tubes for damages.	<p><b>⚠ ATTENTION</b> If the welded seams are deformed and /or have fissures, contact a medical supply store immediately for qualified maintenance.</p> <p><b>⚠ ATTENTION</b> The aid is not to be used until all damages have been completely repaired.</p>
	Functionality of all clamp lever and/or eccentric clamps and/or all angle adjustment elements	
Every 4 weeks	<p>Check all screws (especially from all adjustable parts that are exposed to strain such as truss pads, leg supports etc.)</p> <p>Check Bowden cables and if necessary, readjust them</p> <p>Remove lint/dirt from casters</p>	From daily use and the permanent vibrations screws can loosen. Therefore, we strongly recommend retightening <b>ALL</b> screw joints once a month.
Every 2-3 months (depending on driving performance)	<p>Clean and grease all moving parts such as brake joints, quick release axles etc.</p> <p>Check tyre profile</p> <p>Retighten spokes</p>	<p>Clean all parts and remove old grease spots before greasing. After, add a few drops of machine oil and wipe away excess oil.</p> <p><b>If possible have this done by your medical supply store.</b></p>
At the latest every 6 months (depending on driving performance, earlier)	<p>Check frame tube for cracks, corrosion and damages.</p> <p>Service the wheel lock</p>	<p><b>Have this done by the medical supply store!</b> For the visual inspection please remove all truss pads as well as the foot plates.</p> <p><b>To be conducted by the medical supply store! Inspect brakes for symptoms of fatigues or abrasion.</b></p>

### 4.7.3 Check list yearly inspection

#### PREPARATORY WORK

We recommend, cleaning the wheelchair or individual parts of it prior to inspection.

#### VISUAL INSPECTION

- Check frame, mounting parts and accessories for damage, defects in paint work and corrosion.

#### GENERAL INSPECTION

- Check all fixing screws for firm fit and retighten them if necessary.
- Check fixation of all mounted parts and readjust if necessary.
- Check fixation of all plastic parts, handles, mounted parts, spoke guard covers etc. and readjust if necessary.
- Check the functionality of the brake lever and readjust if necessary.
- Check all spring loaded devices (quick release axle, spring on push handle etc.) for proper function and replace if necessary.

#### CARRIAGE

- Check fixation of casters and driving wheels (quick release axle fitting etc.).
- Check axle plate and attachment as well as the camber setting and retighten the screws or replace if necessary.
- Check functionality of the quick release axles.
- Check tyres, air pressure and valve and replace if needed. With puncture proof tyres check for cracks and replace if needed.
- Check caster bearings, caster fork and caster mounting bracket for condition, proper functioning and running characteristics.

#### BRAKES

- Make sure that the brakes function properly.
- Make sure that the Bowden cables function properly and replace if necessary.
- Make sure that the brake lever extension functions properly.

#### OILING AND GREASING

- clean and grease all pivot points of control levers and versatile parts as well as all bearings.

#### FINAL INSPECTION

- General functional check-up of all mechanical adjusting devices.
- Additional braking, steering and driving tests uphill and downhill.

**4.7.4 Documentation yearly inspection**

work done

date, signature, stamp medical supply store

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## 4.8 TECHNICAL DATA

### 4.8.1 Measurements and dimensions

dimension tolerance  $\pm 5^\circ$

Abbreviations:

FW = Frame Width

AIN = Aid Index Number

Data

Model: Boogie Drive

AIN.: 28.29.01.3010 (according to the AIN, the mobile standing device must be mounted with foot shells)

Type: 884

Type label on the frame crossbar

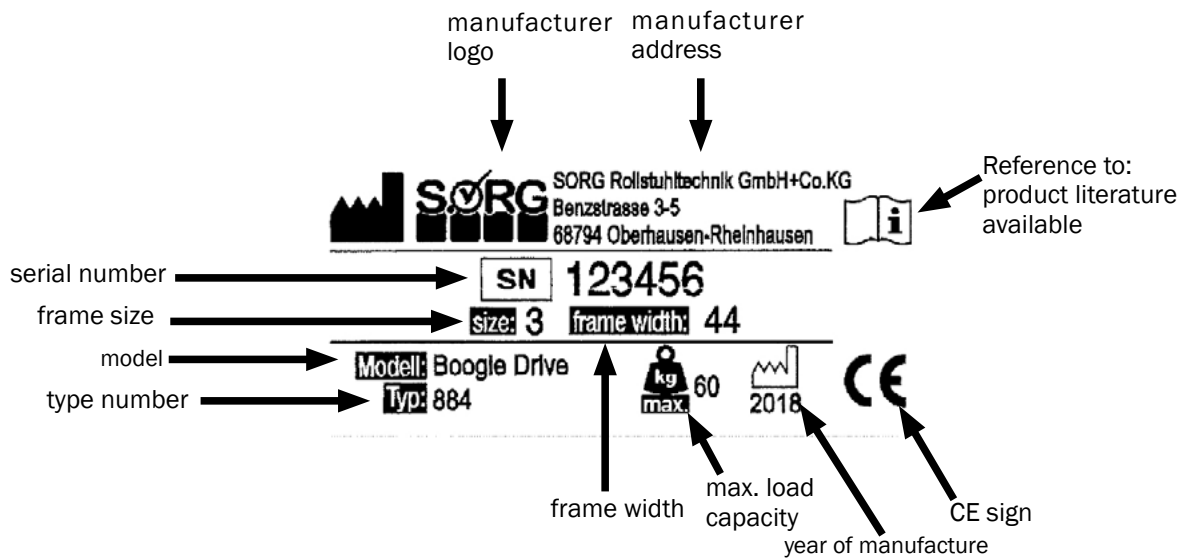
Frame size		Size 1			Size 2			Size 3	
Body height		80-110 cm			100-130 cm			120-150 cm	
Frame width		36 cm (grows +4cm)			40 cm (grows +4cm)			44 cm (grows +4cm)	
Possible wheel size		24"x1" ø58 cm	26"x1" ø63 cm	28"x1" ø68 cm	28"x1" ø68 cm	30"x1" ø75 cm	32"x1" ø80 cm	32"x1" ø80 cm	36"x1" ø90 cm
Top distance between the wheels with camber:	0°	/	/	/	/	/	/	58 cm	58 cm
	3°	44 cm	44 cm	43 cm	55 cm	54 cm	54 cm	55 cm	54 cm
	6°	42 cm	41 cm	40 cm	52 cm	50 cm	50 cm	51 cm	49 cm
	9°	40 cm	38 cm	37 cm	49 cm	47 cm	46 cm	48 cm	45 cm
	12°	37 cm	35 cm	33 cm	46 cm	44 cm	42 cm	/	/
Width (clearance width* <sup>1</sup> ) with camber:	0°	/			/			71 cm	
	3°	62 cm			74 cm			75 cm	
	6°	65 cm			77 cm			79 cm	
	9°	69 cm			81 cm			84 cm	
	12°	72 cm			85 cm			/	
Maximum length* <sup>2</sup>		78 cm			85 cm			93 cm	
tilting centre column		0° bis 15°							
Distance foot plate/top of handrim		39-47 cm	44-52 cm	49-57 cm	49-57 cm	56-64 cm	61-69 cm	61-69 cm	71-79 cm
Distance foot plate/elbow max.		47 cm	52 cm	57 cm	57 cm	64 cm	69 cm	71 cm	81 cm
Weight min.* <sup>3</sup>									
Tyres		puncture proof PU-tyres, rubber 1"							
Maximum capacity		75 kg(for all frame sizes)							

\*<sup>1</sup> Measured on the bottom widest part on the outer edge of the hand rim.

\*<sup>2</sup> Measured with the driving wheels in the front most position of the axle plate.

\*<sup>3</sup> Frame with the smallest wheel size each, foot plate, knee, posterior and chest truss pad.

#### 4.8.2 Meaning of labels



#### 4.9 DECLARATION OF CONFORMITY

**SORG Rollstuhltechnik GmbH & Co.KG**

Benzstraße 3-5  
D-68794 Oberhausen-Rheinhausen  
Tel.: +49 7254 9279-0  
Fax: +49 7254 9279-10  
e-mail: info@sorgrollstuhltechnik.de  
Web: www.sorgrollstuhltechnik.de

**declares with this in sole responsibility, that the following aid**

**BOOGIE DRIVE**

Type Nr.: 884 (size I to III)

**meets the relevant regulations in the following guidelines and standards listed:**

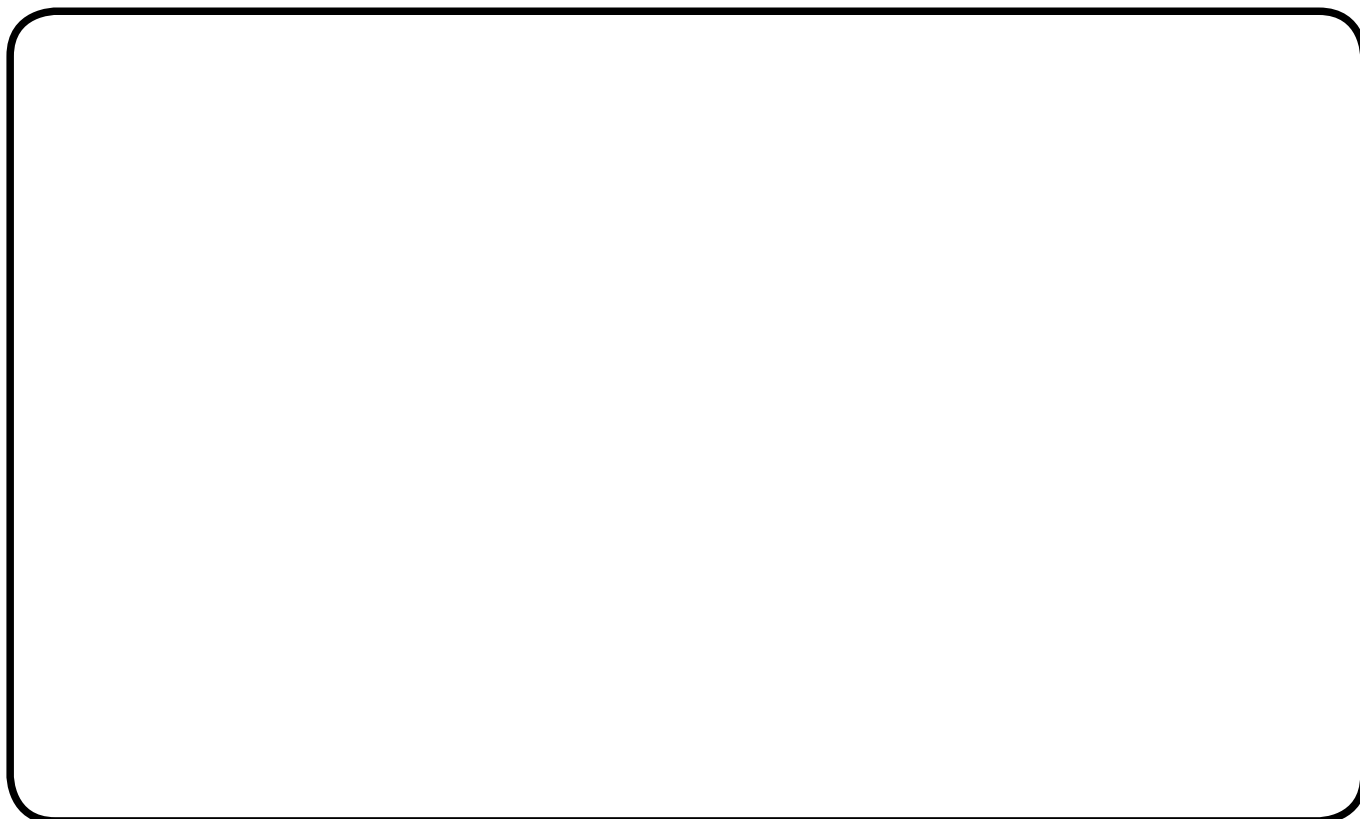
- EG guideline 93/42/EWG for medical products of 14. Juni 1993
- DIN EN 12182 (technical aids for impaired people)
- EN ISO 14971 (medical products - use of the risk management on medical products)

This conformity declaration only applies to the here stated aid.

Oberhausen-Rheinhausen on 25.09.18

## 4.10 RETAILER VERIFICATION

- This aid has been delivered by the following retailer:



SORG Rollstuhltechnik  
GmbH + Co. KG  
Benzstraße 3-5  
D-68794 Oberhausen-Rheinhn.

Tel +49 7254-9279.0  
Fax +49 7254-9279.10

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[www.sorgrollstuhltechnik.de](http://www.sorgrollstuhltechnik.de)  
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