

MEYRA[®]
The Motivation.



CHILDREN'S WHEELCHAIRS

BRIX

Model 1.123



OPERATING MANUAL

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INTRODUCTION

The **model 1.123**, fulfils the desires of the children for mobility and more independence by way of a new styling of the proven MEYRA technology.

Attention:

! Before first operation children, together with their parents or a supervisor or attendant, also have to read and observe this operating manual as do:

- the brochure < *Safety informations – Mechanical wheelchairs* >

The constructive advantage of your wheelchair can be applied either indoors (e.g. apartment, day care) as well as outdoors.

This operating manual will give you all the information you require – clearly written and with illustrations.

Note:

This operating manual is valid for **model 1.123** with all equipment versions and accessories. It will therefore contain sections that do not apply to your model.

ACCEPTANCE

All MEYRA products are checked for faults in the factory and packed in special boxes.

Note:

However, we request that you check the vehicle for possible transport damage immediately on receipt – preferably in the presence of the carrier.

Please arrange the following if you believe damage occurred during transport:

- a) Draw up a DAMAGE REPORT – the carrier is required to do this.
- b) Draw up a LETTER OF SUBROGATION – you assign to the supplier all claims resulting from this damage.
- c) Send back the BILL OF LADING, the DAMAGE REPORT and the LETTER OF SUBROGATION to us.

We are unable to accept any claims for compensation if you fail to observe these instructions or notify us of damage after the goods have been accepted.

ASSEMBLY

The specialist workshop provides the wheelchair ready for use and adjusted to the requirements of your child.

Required adjustments due to a change in medical pattern as well as in combination with a change of seat width should only be done after consulting the therapist or specialist dealer.

Tools that are required for adjustments on the wheelchair are listed in chapter < *maintenance* >, < *tools* >.

SPECIFICATIONS/ UTILISATION

The **Brix** wheelchair, < **Model 1.123** > was developed for children. There are two frames available for the following age groups:

- from 2 to 5 years,
- from 4 to 7 years.

It is permitted for operation indoors as well as outdoors on firm surfaces.

Attention:

- ! Observe the brochure < *Safety information Mechanical wheelchairs* >!

The wheelchair solely serves to transport one person in the seat and not as a hauling aid, transporters or similar.

OVERVIEW

The overview (fig. 1 and 2) shows the most important components of the wheelchair.



1

- ① Backrest
- ② Armrest
- ③ Seat cushion / seat belt
- ④ Footplate
- ⑤ Steering wheel



2

- ① Push bar
- ② Handrims
- ③ Support wheel
- ④ Driving wheel



3

- ⑤ Pressure Brake

DRIVING BEHAVIOR

The tuning of the driving features and your personal needs will be achieved for the time being after a brief “introductory” phase of driver training.

Attention:

- ! Drive with extreme caution during these first trips!
- Observe the chapter < *driver training* > in the brochure < *Safety informations – Mechanical wheelchairs* >!

SAFETY INFORMATIONS

Attention:

- ! Please follow all instructions in the brochure < *Safety information Mechanical wheelchairs* >.
- A directly opposed change of direction from backward motion without steering into a forward motion with simultaneously inward swivelling steering wheels has the effect of a full stop.
- Applying a safety belt prevents falling out toward the front.
- Do grab into the frame openings with the fingers. – Danger of accidents!

SUPPLEMENTARY USER/SAFETY INFORMATION

- Clean, passive lighting is required for driving in public traffic.
- Do not throw or drop parts belonging to the wheelchair! – Detachable parts like e.g. side elements and drive wheels have to be used properly to guarantee their function.
- Removable parts, e.g. side elements and drive wheels must be checked for correct locking before starting to drive. Drive wheels with defective linchpin (quick-fit) axles can detach from the wheelchair during the drive.
- By adding on or removing accessories/components the dimensions and weight of the wheelchair change which can affect the driving behaviour.

- Never leave children in the wheelchair unattended.
- Always approach small obstacles, e.g. steps or curbs, slowly and at a right angle (90°) until the steering wheels almost touch the obstacle. Briefly stop the wheelchair and then drive over the obstacle.
- Keep well clear of rail grooves, rails and gully covers or similar sources of danger. If not possible, cross such obstacles at a right-angle (90°).
- Maintain a sufficient safety distance between the wheelchair and drops, steps and obstacles. This distance must allow enough time to react and enough distance to brake/turn.
- Always reduce the speed before a curve. A sharper curve requires a lower speed. Never lean outwards in a curve.
- Tyres are made of a rubber mixture and can leave permanent or difficult-to-remove marks on some surfaces (e.g. plastic, wooden or parquet flooring, carpets, mats).
- To prevent damages due to corrosion do not use or store the wheelchair in damp rooms.

Recommendation for driving in twilight or darkness

- Avoid as far as possible driving on roads or bicycle paths during darkness. Wear light-coloured clothing that can be seen at a distance.

BRAKE

The locking brake belongs to the most important safety features of a wheelchair and is available as a pressure brake (fig. 4).

Attention:

- ! Please observe the *Maintenance Instructions* as well as instructions in the section *General Safety Information* and *Brakes* in the brochure *Safety information Mechanical wheelchairs!*
- If only one brake is applied when the wheelchair is driving down an incline, the free-running wheel will continue moving around the locked wheel. Depending on the gradient of the road, this can lead to the wheelchair overturning to the side.
- In order to prevent an unintentional curve while braking the wheelchair on slopes, both brakes are to be activated simultaneously.
- The brake performance reduces with
 - tyre profile is worn
 - tyre pressure is too low
 - tyres are wet



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Attention:

- ! Arrange an immediate repair of the brakes by your specialist workshop if the braking performance reduces.
- Do not park wheelchairs with PU wheels with applied pressure brakes. – This can cause accidents during regular braking due to some remaining deformation in the surface.

PRESSURE BRAKE

Function as operating brakes

Press both brake levers (fig. 5/ ①) only slightly forward.

– This way the wheelchair brakes down slowly.

Locking the pressure brakes

To secure the wheelchair against any unintentional rolling, press both brake levers forward all the way (fig. 5).

👉 **Note:**

It should not be possible to push the wheelchair forward when both brakes are locked.

Releasing the pressure brakes

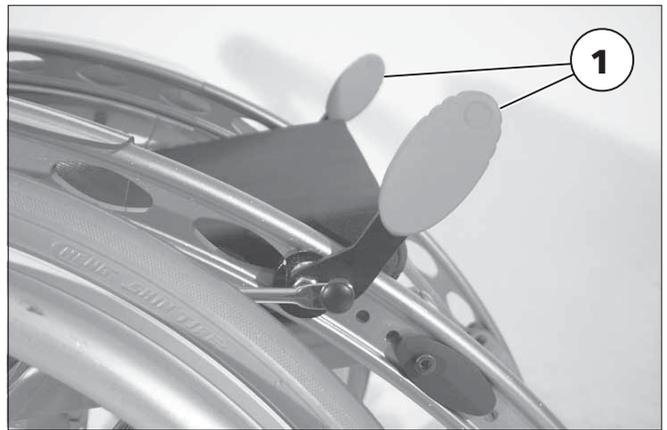
Pull both brake levers to the rear up to the end stops (fig. 6).

Adjusting the pressure brake

The pressure brakes must be tested for correct functioning after each reassembly, and readjusted if necessary.

👉 **Note:**

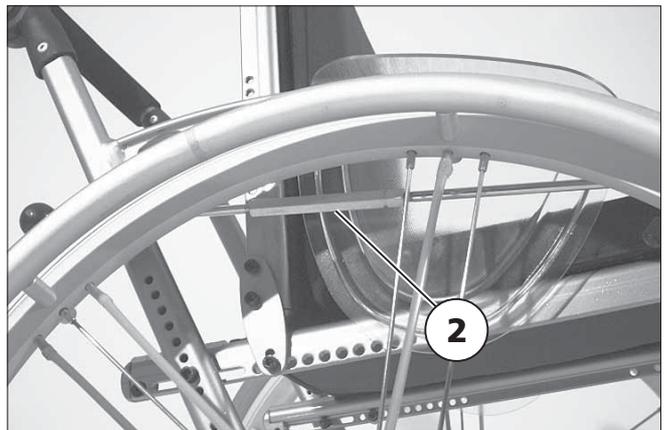
Adjust the pressure brake by turning the adjustment bit (fig. 7/ ②).



5



6



7

FOOT PLATE

A footplate is available (fig. 8) that can be adjusted in height, angle and depth to the individual requirements of the child.

Adjusting the height of the foot plate

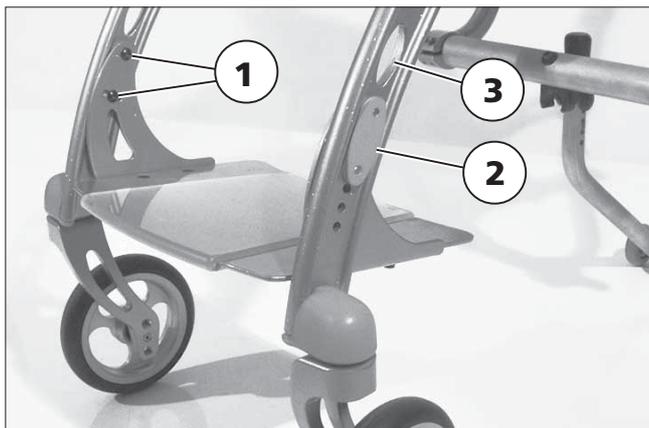
- Screw out the attachment screws (fig. 9/ ①) on both sides.
- Position the ellipse inserts (fig. 9/ ②) on each side according to the desired height.
- In doing so watch that the holes of the ellipse inserts are flush with the holes of the frame.

Attention:

- ! Do not use the oval frame openings (fig. 9/ ③) for the attachment! – No secure hold can be assured in this position.
- Reinsert the attachment screws (fig. 9/ ①) on each side from the inside and tighten.



8

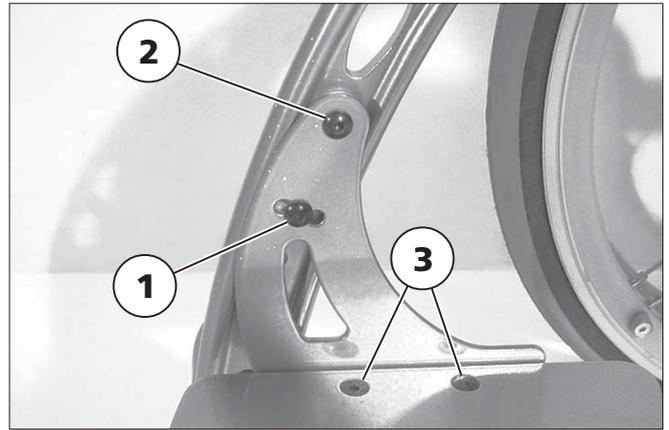


9

Adjusting the angle of the footplates

The footplate can be adjusted in angle from +/- 10°.

- Unscrew the attachment screw (fig. 10/ ①) on each side.
- Loosen the attachment screw (fig. 10/ ②) on each side, but do not pull them out.
- Press the footplate in to the desired angle. – In doing so watch that the corresponding holes are flush with the holes of the frame.
- Reinsert the attachment screw (fig. 10/ ①) on each side and tighten the attachment screw (fig. 10/ ① and ②) on each side.



10

Adjusting the depth of the footplates

The footplate can be adjusted in depth in five further positions in steps of 1 cm.

- Disassemble the screwed connection (fig. 10/ ③) on each side.
- Reposition the footplate in depth into the corresponding hole of the footplate bracket.
- Reassemble the screwed connection (fig. 10/ ③) on each side.

SKID PROTECTION

The transparent skid protector gives a secure hold for the feet. Additionally it can be used as a window for information or pictures (fig. 11).

Attaching the skid protector

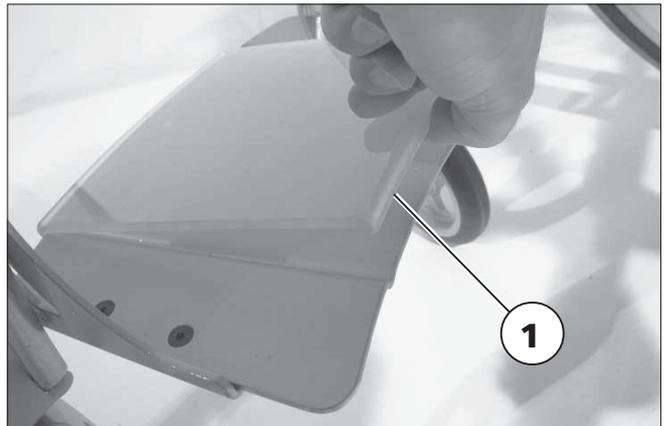
- Insert the skid protector (fig. 12/ ①) in the front and press the back down.

Removing the skid protector

- Press the skid protector up in the back and remove to the front.



11



12

ARMRESTS

The side elements (fig. 13/ ①) can be removed and inserted steplessly on the frame.

The side elements serve at the same time as armrest, clothes guard and wind guard.

Attention:

- ! No not grab between the frame and seat. – Danger of accidents!
- Do not lift the wheelchair using the side elements.
- The wheelchair should only be used with the armrests assembled!

Removing the side element

- Pull the side element off of the frame with a little pressure (clamping mechanism).

Attention:

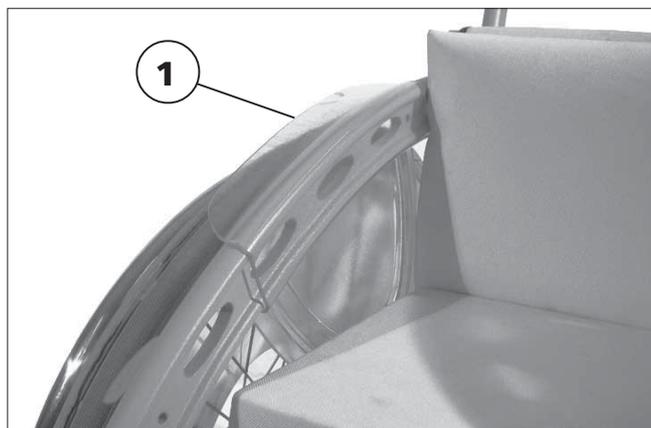
- ! Removed side elements must be carefully replaced before the wheelchair is used again!

Inserting the side element

- Clamp the side element onto the frame with a little pressure.

👉 Note:

The side elements are independent of side, this means they can be applied right or left.



13

SEAT BELT

Adjustment of seat inclination

The seat belt (fig. 14/ ①) can be adjusted in angle from 0° to 6°.

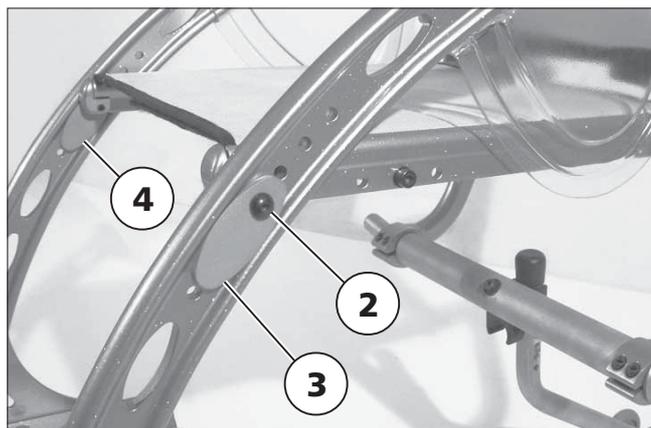
- Unscrew the attachment screw (fig. 15/ ②) on each side.
- Loosen the attachment screw (fig. 16/ ⑤) on each side, but do not pull them out.
- Position the ellipse insert (fig. 15/ ③ and ④) on each side according to the desired angle.
- In doing so watch that the holes of the ellipse inserts are flush with the holes of the frame.
- Reinsert the attachments screw (fig. 15/ ②) on each side back into the seat tube.
- Tighten the attachment screws (fig. 15/ ② and fig. 16/ ⑤) on each side.

 **Note:**

It might be required to adjust the angle of the backrest after such an adjustment, view chapter < *Adjusting the angle of the backrest* >.



14



15



16

Adjusting the seat depth

The seatbelt (fig. 14/ ①) can be repositioned according to the length of the thigh.

- Pull or lever the clamping piece (fig. 17/ ① or fig. 18/ ②) out of the seat tube on both sides, if necessary apply a screwdriver.

👉 **Note:**

Avoid damages to the coating.

- The quantity of clamping pieces that are to be removed depends on the desired skew.

👉 **Note:**

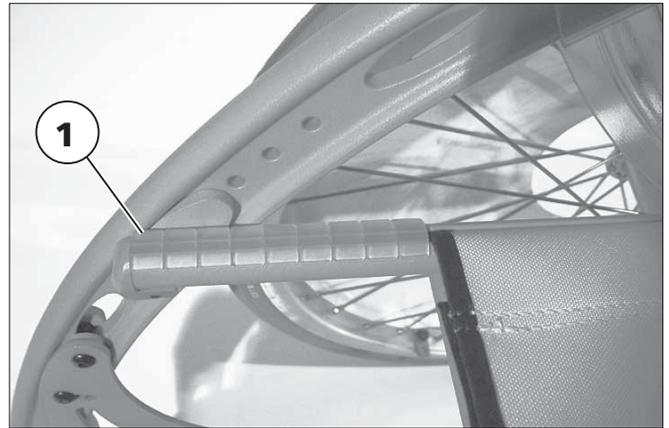
Make sure that the amount of clamping pieces is the same on both sides.

- Slide the seatbelt to the desired depth.
- Press the clamping pieces (fig. 17/ ① or fig. 18/ ②) from the top into the seat tube.

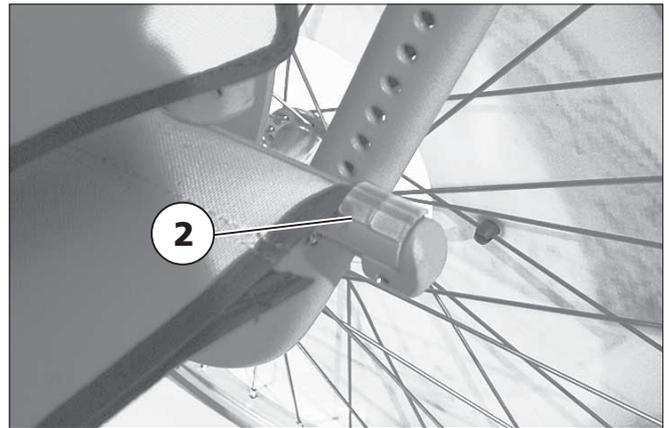
Adjustment of seat width

Attention:

- ! If an adjustment of the seat width is necessary contact your specialist dealer.



17



18

BACKREST

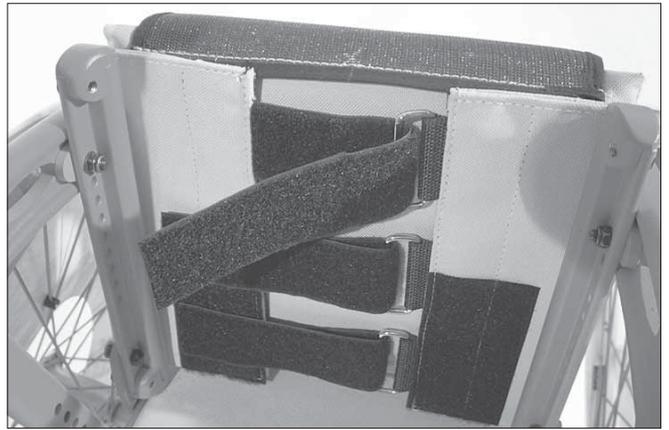
Fitting the back belt

The tension of the backrest is adjustable.

- Pull the back cover off and fold it to the front (fig. 19).
- Open the Velcro fastener of the belt that you wish to adjust and close it again after adjustment.

Attention:

- ! The overlapping of the Velcro fastener has to be at least 10 cm!



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Adjusting the backrest angle

The angle of the backrest (fig. 20) can be adjusted from -6° to $+9^{\circ}$.

The basic position of the backrest is 90° to the not angled seat surface.

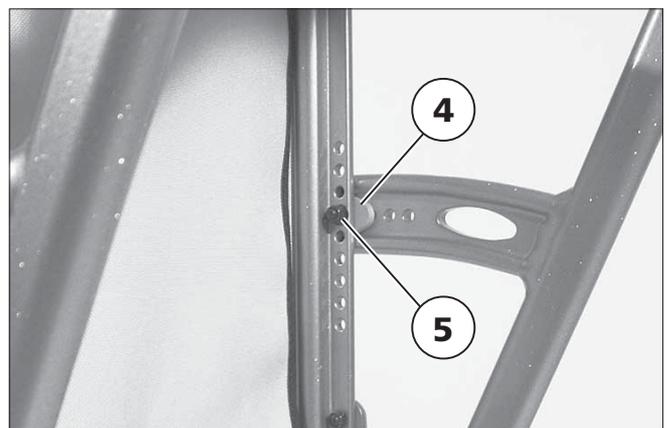
- Unscrew the attachment screw (fig. 21/ ①) on each side. – Hold onto the nut (fig. 22/ ⑤) with a combination wrench while doing so.
- Loosen the attachment screw (fig. 21/ ③) on each side, but do not pull them out.
- Position the ellipse insert (fig. 21/ ② and fig. 22/ ④) on each side according to the desired angle.
 - In doing so watch that the holes of the ellipse inserts are flush with the holes of the frame.
- Reattach the attachment screw (fig. 21/ ①) on each side with the nut (fig. 22/ ⑤).
- Tighten the attachment screws (fig. 21/ ① and ③) on each side.



20



21



22

PUSH BAR

The height adjustable push bar (fig. 23) lets itself be adjusted to the requirements of the attendant and be swivelled down for transport (fig. 26).

Height adjustment

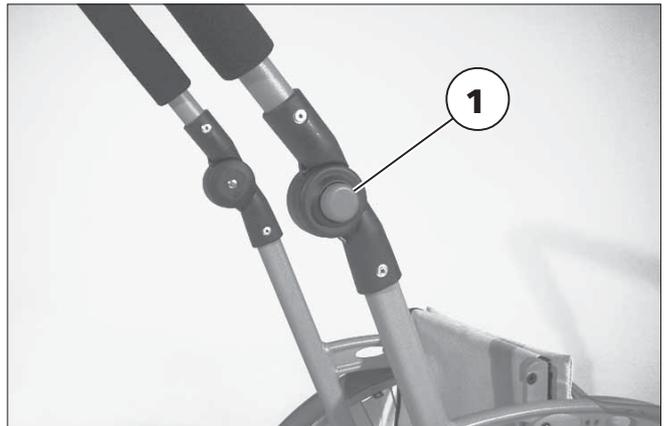
- Press the locking button (fig. 24/ ①) to the side on both sides and adjust the push bar evenly on both sides to the desired height.
- After releasing the locking button (fig. 24/ ①) the push bar is locked into the desired position (fig. 25).

Adjusting the push bar down

- Press the locking button (fig. 24/ ①) and swivel the push bar evenly down.
- After releasing the locking button (fig. 24/ ①) the push bar is locked into the desired position (fig. 26).



23



24



25



26

SUPPORT WHEEL

The centred support castor (fig. 27) provides an increased tilting stability and can be swivelled forward under the seat (fig. 28).

Attention:

- ! In certain situations support wheels do not provide sufficient protection against overturning.

Definitely refrain from the following:

- ▲ Leaning the upper body far back.
- ▲ Jerky acceleration, especially when driving uphill.

👉 Note:

Observe the brochure *< Safety information Mechanical wheelchairs >!*

Swivelling the support castor

To swivel the support castor the wheelchair has to be lifted up.

- Swivel the support castor to the front or rear under the seat (fig. 28).



27



28

Height adjustment

The support castor can be adjusted in height.

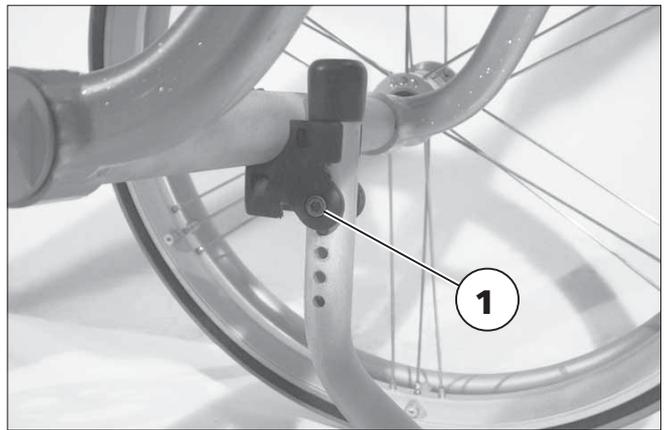
- Remove the clamping screw (fig. 29/ ①).
- Adjust the support castor accordingly in height.
- Assemble the screwed connection (fig. 29/ ①).

Attention:

- ! In order to raise the tilting stability never drive without the support castor swivelled to the back.
- Have the function checked by the specialist dealer after each adjustment!

👉 Note:

Please observe the sections *Driving uphill, avoiding obstacles* as well as *Entering lifts, driving onto lifting platforms and escalators* in the brochure *Safety informations – Mechanical wheelchairs* !



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DRIVE WHEELS

The driving wheels can be removed and reassembled without any tools.

No person may be seated in the wheelchair during assembly or removal. The wheelchair must stand on a level and firm surface. Before starting the disassembly work, support the frame to prevent the wheelchair from tipping over and secure it to prevent an unwanted movement or tipping over.

Quick release axle

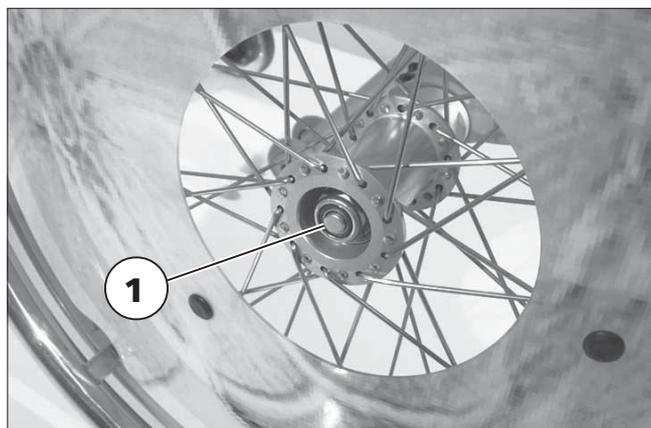
- Push in the stop button in the centre of the wheel hub (fig. 30/ ①).
- Remove or attach drive wheel.

Attention:

- ! After installing the drive wheel, the stop button must protrude a few millimeters from the wheel nut.
- The drive wheel is then secured in position.

👉 Note:

- 👉 The stop bolt must be kept clean. A functional fault may occur in the case of contamination due to sand or earth or in the event of freezing of moist cold air.
- 👉 Always carry out a tensile test after each assembly!



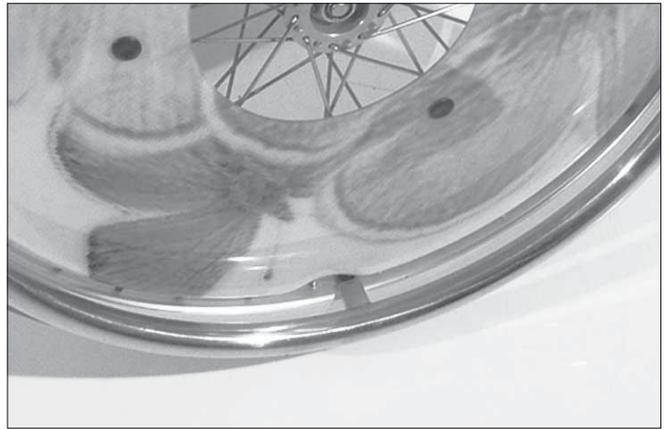
30

Handrims

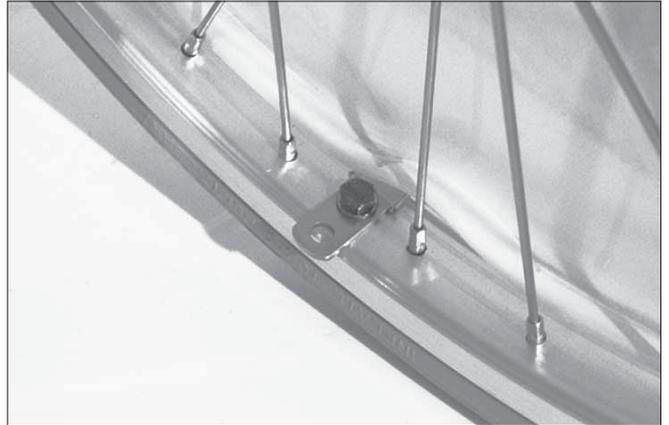
All handrims are designed for a distance to the driving wheel of 15 mm (standard setting) and 25 mm (fig.32 and 31).

Attention:

- ! Replacement of handrims or modification of handrim distances should always be carried out by your specialist workshop.
- Please observe the section < *Handrims* > in the brochure < *Safety informations Mechanical Wheelchairs* >!



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32

OPTIONS

Options are not a part of the standard scope of supply.

 **Note:**

Options from other companies can cause malfunctions.

SPOKE GUARD

The hand and spoke guard prevents injuries to the hands occurring by jamming in the turning spokes of the wheels, as well as damage to the spokes.

- The spoke guard (fig. 33) is attached to the spokes with three clips (fig. 34/ ①).

 **Note:**

Exchange or replacement of the spoke guard is to be done by the specialist dealer.



33



34

LOADING AND TRANSPORTATION

Safety informations

When transporting the wheelchair in vehicles, the child should leave the wheelchair and sit on a suitable seat in the vehicle. – The wheelchair is not designed to withstand the forces, which are generated in accidents, which exposes the child to considerable risks.

Transport in vehicles

The following items may be necessary due to lack of space for the transport in vehicles.

▲ Detach drive wheels.

▲ Adjust the push bar down.

The parts detached for the transport must be carefully stowed and carefully attached again before the next journey!

Transport security

Carry out the following steps when the wheelchair is located in the transport vehicle:

- Stow all disassembled wheelchair parts in a secure and protected way.
- Secure the wheelchair by way of elasticated straps.

Only fasten the elasticated belts to parts of the car envisaged for this purpose and to the frame tubes of the wheelchair!

▲ Do not use the side elements, footplates or push bar to rig the wheelchair. Only use permitted fastening material.

 **Note:**

-  Suitable fixing points can usually be found in the car and in the vehicle operating manual.
-  Before transporting the wheelchair, ask your car dealer how to secure it without risk to the existing fixtures or other safety fittings!

Safety informations

-  Loose object are to be stored securely.

TRANSPORT IN HANDICAPPED TRANSPORT AUTOMOBILE

 **Note:**

For transport in vehicles we recommend to leave the wheelchair and sit on a suitable seat in the vehicle.

If a transport in the wheelchair is inevitable, the wheelchair needs to have securing systems complying with DIN 75078 Part 2.

The transport vehicle (handicapped transport vehicle) needs to have the equipment for transporting wheelchairs according to DIN 75078 Part 1.

The restraint system only offers sufficient safety in regular traffic situations (sharp braking manoeuvres and similar) but not during collisions outside of the normative testing values. Especially not during a boot crash.

 **Note:**

The headrest on the wheelchair serves as a support for the posture of the head, not as a transport security. Therefore a handicapped transport vehicle-firm headrest is necessary!

Attention:

- ! Angle adjustable backrests are to be set vertically.
- Tipped seats are to be set horizontal.
- Is a securing system in compliance to DIN 75078 Part 2 required for the wheelchair, contact and specialist dealer.

Product liability instructions

-  Transport in the wheelchair with a handicapped transport automobile is done at own risk!
-  We do not accept liability for damages or other possessions that occurred through the transport in a handicapped transport automobile.

Safety informations

-  When transporting a person, make sure that there are no objects jammed underneath the straps! – Thus you avoid painful pressure points
-  As far as possible use a vehicle-installed seat during transportation.
-  Only transport the wheelchair in driving direction.
-  The driver, resp. the attendant is responsible for the professional securing of the wheelchair in the handicapped transport automobile.
-  For professional transport in a handicapped transport automobile the wheelchair and person have to be placed on the therefore determined space and secured with the corresponding securing system.
-  Loose object are to be stored securely.

SERVICE

MAINTENANCE

As is the case with every other technical product, your Standard wheelchair will require maintenance. The following maintenance instruction describes in table form the measures that are to be carried out so that even after longer use the advantages of the wheelchair (e.g. operational safety, high range) can still be fully used.

 **Note:**

Do not clean the wheelchair using a high-pressure cleaner.

CARE

Upholstery and covers

Clean the upholstery and covers with warm water. In the case of stubborn soiling, the fabric can be washed with a standard washing powder for delicate fabrics. Spots can be removed with a sponge or a soft brush.

 **Note:**

Do not use aggressive cleaning agents e.g. solvents, or hard brushes etc.

Rinse with clear water and allow to dry.

Plastic parts

The side elements and similar consist of high value plastic parts. Take care of these by means of standard plastics cleaning agents. Always observe the specific product information.

Finish

The high quality finish ensures an optimum of protection against corrosion. If the surface finish is damaged by scratches or similar, touch it up with a varnish pen available from us. Occasional application of a light cover of oil to all moving parts (see also Maintenance Instructions) will ensure that your child will enjoy the wheelchair for many years.

REPAIRS

You can trustingly contact your authorised workshop for any necessary maintenance. Personnel there are well trained to carry out the work required.

CUSTOMER SERVICE

In case you have any questions or need help please contact your specialist dealer who can assume counselling, service and repairs.

SPARE PARTS

Spare parts can only be ordered from authorised dealers. Use only original spare parts for repairs!

In order to ensure the correct delivery of a spare part, always quote the corresponding frame number of the wheelchair!

If any modifications have been made to the wheelchair, the specialized dealer is required to enclose the appropriate code no. (e.g. Assembly Instructions) as well as the date of the modifications, along with the operating instructions for the wheelchair.

This ensures that no incorrect details will be given for future orders of spare parts.

TOOLS

For adjustments to the wheelchair the following tools are required:

1 xHexagonal stud wrench WW* 3 mm

1 xHexagonal stud wrench WW* 4 mm

1 xHexagonal stud wrench WW* 5 mm

1 xOpen-end spanner WW* 8 mm

1 xPhillips screwdriver

DISPOSAL

The vehicle packing material can be disposed of as recyclable material.

The metal parts can be disposed of as recyclable scrap metal.

The plastic parts can be disposed of as recyclable plastic.

The disposal must occur in accordance with the respective national regulations.

Please enquire about local disposal arrangements at your municipal authority.

*WW = Wrench width (mm)

FLAT TYRE

Sitting in the wheelchair during a wheel change is not permitted. The wheelchair must stand on a level and firm surface. Before starting the disassembly work, support the frame to prevent the wheelchair from tipping over and secure it to prevent an unwanted movement or tipping over.

Always change tyres in pairs.

👉 **Note:**

Differently worn tyres can impair the straight-on travel of the wheelchair.

Changing the tyres

Fully de-inflate the tyres for a tyre change.

👉 **Note:**

The air pressure for the tyres is shown on both sides of the tyre and in the < *Technical data* > section.



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STEERING WHEELS

Exchanging the steering wheels

- Before replacement or repair the steering wheel axle (fig. 36/ ①) is to be disassembled.

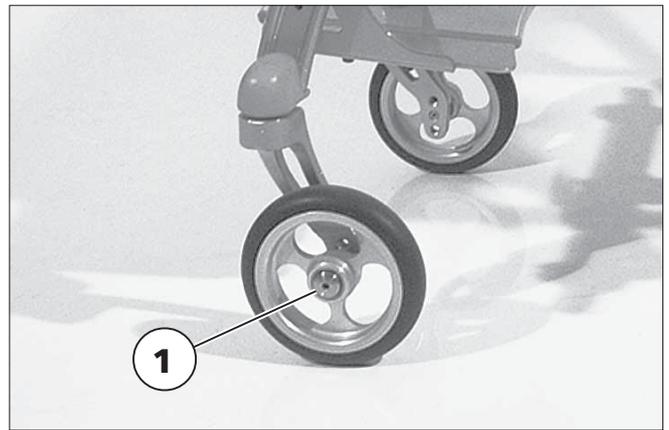
 **Note:**

Take note of the arrangement of all sleeves and washers used. The valve points outwards.

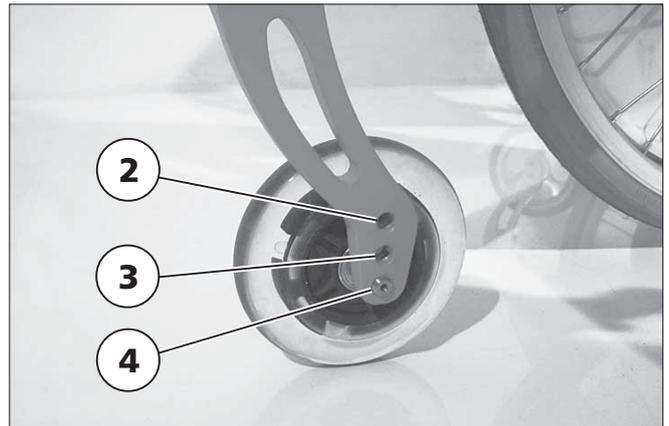
Steering wheel position

The position of the steering wheel and steering fork depends on the diameter of the steering wheel:

- Position (fig. 37/ ②):
Steering wheel 6" (Ø 150 mm)
- Position (fig. 37/ ③):
Steering wheel 5" (Ø 125 mm)
- Position (fig. 37/ ④):
Steering wheel 4" (Ø 100 mm)



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37

MAINTENANCE INSTRUCTIONS

WHEN	WHAT	Remark
<p>Before starting out</p>	<p>Test brakes for faultless operation</p> <p>Activate brake lever to the limit. The locked wheels should not be able to turn under operating conditions. If they can still turn, the brakes must be repaired by an specialist workshop.</p>	<p>Carry out test yourself or with a helper.</p>
	<p>Check pressure brake for wear Move brake lever to the side</p>	<p>Carry out tests yourself or have a helper do it. If you notice any increasing slackness on the brake lever take the wheelchair to your specialist workshop immediately for repairs.</p> <p>– Danger of accidents!</p>
	<p>Check all screwed on parts for secure fit</p>	<p>The following is to be checked with great care:</p> <ul style="list-style-type: none"> – Attachment of the back- and seat profiles at the side frame, – attachment of the footplate to the side frame, – attachment of the stabiliser rod underneath the seat surface.

MAINTENANCE INSTRUCTIONS

WHEN	WHAT	Remark
<p>Before starting out</p>	<p>Check air pressure of the tyres</p> <p>Standard tyres: 4 bar = 56 psi</p> <p>High-pressure tyres: 8.0 bar = 116 psi</p>	<p>Do it yourself or with the aid of a helper.</p> <p>For this use an air pressure gauge or, if not available conduct the "thumb pressure method" or similar (view brochure < <i>Safety instructions – mechanical wheelchairs</i> > chapter < <i>Brakes</i> >).</p>
	<p>Check tyre profile</p>	<p>Carry out visual check yourself.</p> <p>If the tyre profile is worn down or if the tyre is damaged, consult an specialist workshop for repairs.</p>
	<p>Check the back tubes and frame tubes for firmness</p>	<p>Carry out tests yourself or have a helper do it.</p> <p>If deformations or cracks occur in the welding seams, contact an specialist workshop immediately for repairs.</p> <p>– Danger of accidents!</p>

MAINTENANCE INSTRUCTIONS

WHEN	WHAT	Remark
<p>Every 8 weeks (depending on distance covered)</p>	<p>Lubricate the following components with a few drops of oil</p> <ul style="list-style-type: none"> – Moving parts of the locking mechanism. – Brake lever bearings. <p>Check all screw connections for secure fit</p>	<p>Do it yourself or with the aid of a helper. Components must be free from used oil residues before lubrication. Please ensure that excess oil does not contaminate the environment (e.g. your clothing)</p> <p>Yourselves or with the aid of a helper</p>
<p>Every 6 months (depending on frequency of use)</p>	<p>Check:</p> <ul style="list-style-type: none"> – Cleanness. – General condition. 	<p>See Care See Repairs.</p>

TECHNICAL DATA

All data within the following table relates to the standard version of the stated model.

Dimensional tolerance is +/-1.5 cm, +/-2°

Model **CHILDREN'S WHEELCHAIR BRIX 1.123**

There are two frames available for the following age groups:

- Mini Code 351 for children of 2 to 5 years
- Midi Code 352 for children from 4 to 7 years.

Dimensions

Length (with swivelled down push bar)

Frame Mini: 67.5 cm

Frame Midi: 69.5 cm

Width

with 6° wheel camber: 46 to 60 cm

with 11° wheel camber: 54 to 68 cm

Height (with swivelled down push bar)

Frame Mini and Midi: 70 cm

Seat width

Frame Mini and Midi: in steps of 2 cm 18 to 32 cm

Seat depth

Frame Mini: 18 to 28 cm

Frame Midi: 22 to 32 cm

Seat height (with 0° seat angle)

Frame Mini (without seat cushion): 36 to 42 cm

Frame Midi (without seat cushion): 41 to 47 cm

Backrest belt height

Frame Mini and Midi: 20 to 34 cm

Seat inclination

Frame Mini and Midi: 0° to 6°

Backrest reclining

Frame Mini and Midi: adjustable in 3°-steps from -6° to +9°
(The basic position of the backrest is 90° to the not angled seat surface)

Thigh length

Without seat cushion: 18 to 28 cm

Wheels

Steering wheel

puncture safe 6", resp. Ø 150 mm

solid rubber 5", resp. Ø 125 mm

solid rubber 4", resp. Ø 100 mm

Driving wheel

20" Standard pneumatic tyres (filling pressure 4 bar = 56 psi)

22" Standard pneumatic tyres (filling pressure 4 bar = 56 psi)

20" High-pressure tyres (filling pressure 8.0 bar = 116 psi)

22" High-pressure tyres (filling pressure 8.0 bar = 116 psi)

Transport dimensions:

Frame length Mini: 65.0 cm

Frame length Midi: 67.5 cm

Frame width Mini and Midi: seat width + 6 cm
(without drive wheels)

Frame height Mini and Midi transport condition: 40 cm
(Push bar swivelled down, drive wheels removed)

Weights

Max. permissible total weight*:	49 kg
Max. permissible user weight (including additional load):	40 kg
Empty weight: (with armrests and drive wheels)	9 kg
Transport weight: (without drive wheels)	5.5 kg

*

Note:

The maximum total load is calculated on the basis of the unloaded weight of the wheelchair and the maximum passenger weight.

Additional weight due to subsequent additions or luggage reduce the maximum permissible passenger weight.

Example:

A driver wishes to take luggage with a weight of 5 kg. Thus, the maximum passenger weight is reduced by 5 kg.

NOTES

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GUARANTEE

We accept a guaranty for this product according to the legal regulations. Apart from this we warrant:

- **4 years** for the frame.

We reserve the right to make technical improvements.

In case you find fault in this product or parts thereof, send in the following guarantee-segment with your description of the fault.

Do not forget to include the requested information regarding model description, delivery note number with date of delivery, vehicle identification number (Fz-I-Nr.) and your retailer.

The vehicle identification number (Fz-I-Nr.) is indicated on the type plate.

Pre-condition in any case is the intended use of the product, the use of original spare parts by authorised dealers as well as maintenance and inspections in regular intervals.

Damage to surfaces, tyres, damage due to screws and washers which have worked loose or worn out attachment holes due to frequent assembly and dismantling are not covered by this guarantee.

Furthermore, damages to the product caused by improper cleaning using steam cleaning equipment or the deliberate or accidental flooding of the components are also excluded.

Attention:

- ! Failure to observe the instructions in the operating manual, improperly carried out maintenance work and, especially, technical changes and additions (add-ons) carried out without our prior consent will lead to a general loss of guarantee and product liability.

Note:

This operating manual as a component of the product is to be handed out with the product in case of a change of owner.

 The product conforms with the EC Directive 93/42/EEC (MDD) for medical products

GUARANTEE NOTE

Fill in the details! If necessary, copy and return.

Guarantee

Model designation:

Delivery note no.:

Vehicle ID No. (Fz-I-Nr.) (view type plate):

Date of delivery:

Stamp of the authorized dealer:

Stamp of the authorized dealer:

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