HOGGI®



ZIP®

User manual

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User manual for rehab buggy ZIP®

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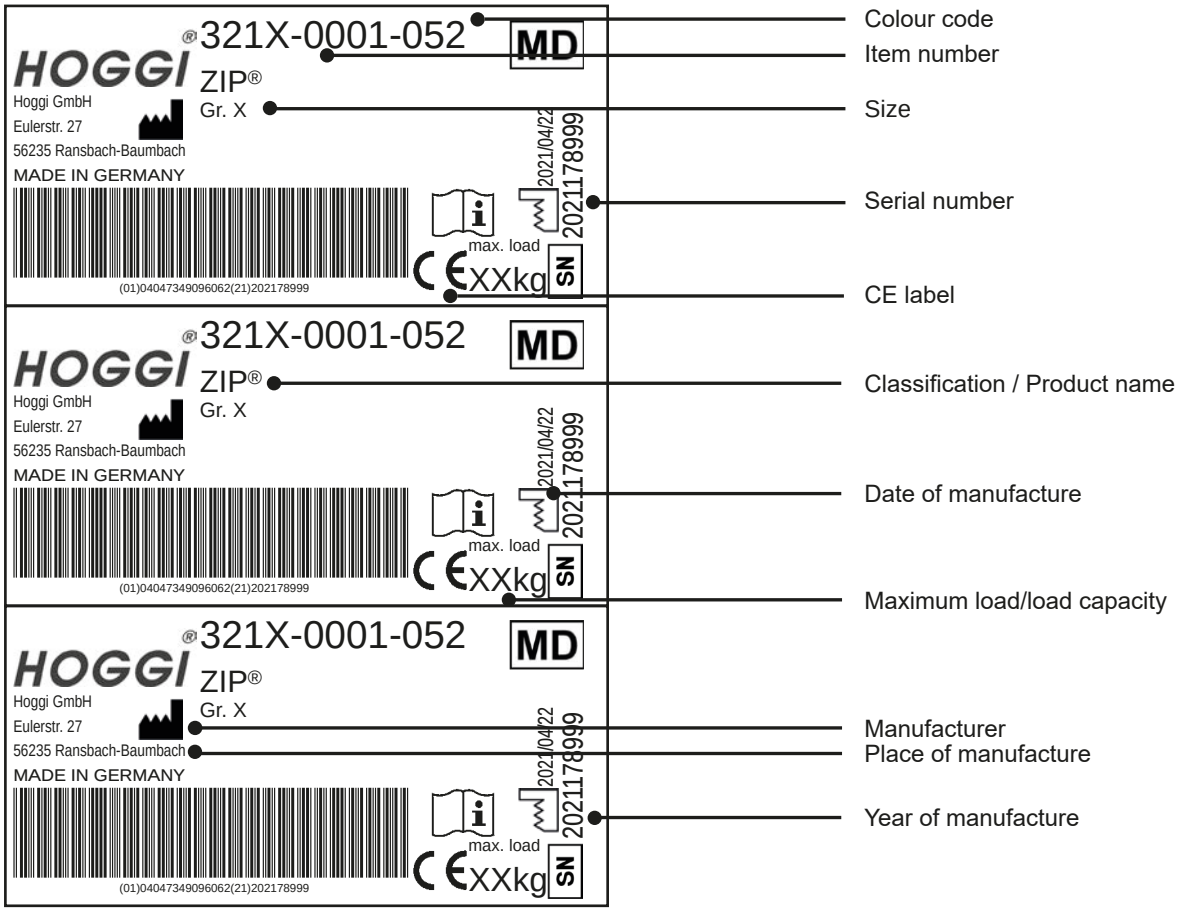
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Model identification

The label is attached on the centre strut of the back construction or on the outer left rear frame strut.



1.2 Basic configuration

Foldable compact rehab-buggy in a light aluminium design

- Reinforced seat- and back cover
- Height adjustable footrest, angle adjustable and foldable
- Ball bearing rear and front wheels
- Wheel lock

1.3 Environmental conditions

Environmental factors such as temperature and humidity can damage the rehab buggy. The manufacturer recommends not condensing **ZIP®** at ambient temperatures between -20°C and +40°C and a humidity of 5 to 100%.
Caution: Prolonged exposure to the sun may cause parts of the buggy to become hot. Be sure to!

2 Common Information

2.1 Preface

Thank you for selecting the **ZIP®** rehab buggy. We have designed this high-quality product to make your life safer and easier, and we've included this manual to help you use and care for it. Please read the following instructions to make sure you use this product as recommended. If you have any further questions, or if you have any problems, please contact your healthcare provider.
We hope that **ZIP** meets your expectations. We reserve technical modifications regarding the specified model in this manual. Before using the rehab buggy the first time, this manual has to be read and understood by patient and support personnel in oder to ensure a safe handling with the rehab buggy.

2.2 Application

Rehab buggy, paediatric postural positioning systems or strollers are appropriate for childern and adolescents who are unable to walk or who have a walking impediment and thus requiring mobility assistance.

Assistance may be required due to:

- Atypical muscle tone
- Loss of limbs (dysmelia/lower limb amputation)
- Limb defect and / or deformity
- Joint contractures
- Joint defects
- General weakness

The **ZIP** rehab buggy is able to be used indoor and outdoor as well as for further service. For further service the product has to be cleaned and sanitised efficiently. Afterwards the product has to be checked concerning condition, wearout and damage by an authorised technician. All damaged and inapropptiate parts need to be changed.
Please see also the service manual for detailled information.

2.3 Declaration of Conformity

HOGGI GmbH as manufacturer declares under sole responsibility that the rehab-buggy for kids and adolescents **ZIP** meets the general safety and performance requirements to Annex I of the Regulation (EU) 2017/745 of the European Parliament and of the Council. Harmonised European Standards have been applied.
Applicable harmonized standards have been applied. **ZIP** meets the requirements of ISO 7176-8, DIN EN ISO 12182 and DIN EN ISO 12183.

2.4 Terms of Warranty

Warranty applies only when the product is used according to the specified conditions and for the intended purposes, following all manufacturer's recommendations.The manufacturer is not responsible for damages caused by components and spare parts not approved by the manufacturer.
See also § 8 of terms and conditions on: ***www.hoggi.de***

2.5 Service and repairs

Service and repairs on the **ZIP®** rehab buggy should only be carried out by authorized HOGGI dealers. Should any problems arise, please contact the dealer who supplied your **ZIP**. Authorized dealers only fit original ***HOGGI*** spare parts.



For preparing, repair and service, the following tools are required:
Allen wrench, size: 3 mm, 4 mm, 5 mm and 6 mm
Screw wrench, size: 10 mm, 13 mm, 19 mm and 24 mm

3 Safety instructions

3.1 Meaning of symbols



Caution!
Warning of possible danger of accident and injury. Warning of possible technical damage.



Information!
About use of product.



Information!
For service-personnel.



Attention!
Read manual before use!

3.2 Common safety instructions



Read manual completely before use!
Familiarize yourself with handling and functions of the product before use and practice the various functions.
You are responsible for the safety of your child. The safety of your child could be affected if you do not follow the instructions of this manual. Nevertheless not all possible circumstances and unpredictable situations can be covered by this manual. Reason, care and circumspection are not features of the product, they are required of persons, who use the product. The person, who is using the product and its accessories should understand all instructions and should explain them to every person using the product and its accessories.
If instructions are not clear and further explanations become necessary, or if you have further questions please contact your **HOGGI** dealer.



Strap your child at all times, when they are in the rehab buggy.



HOGGI points out, that any use beside the typical use can be dangerous. The rehab buggy is not suitable for jogging, running, skating or similar activities. Swivelling front wheels tend to wobble at higher speed, which can cause a sudden stop and tip over of the buggy.
Use the buggy only at regular walking speed. Under no circumstances leave the handle bar while pushing and never push the chair away.



The buggy should only be used on solid level ground.



Use your buggy as intended by the manufacturer. For instance, do not drive into obstacles (including steps, curbs) without braking.



To clear obstacles such as steps and curbs, tilt the buggy onto the rear wheels (pull it backwards to go up; to descend, slowly lower it forward).



Do not go up or down stairs without the assistance of another person. If devices such as ramps or elevators are available, please use them. If they are not available, then the buggy should be carried over the obstacle by two persons.



Pay particular attention when on slopes and inclines to prevent:
- the child from falling out of the buggy
- the buggy from tipping over
- the buggy from rolling away



Only lift the buggy by parts that are solidly attached:
- front frame tube above the front wheels
- front axle
- push handle



If you have to park on a slope, face the buggy uphill with the brakes engaged and ensure that the seat is in the upright position.
There is a risk that the buggy might tip over backwards if the seat is the reclined position.



Before leaving the buggy and before getting into and out of it, always lock the wheel locks.



When your child reaches for objects in front, to the side or behind the buggy, be sure that he/she does not lean out of the buggy too far since the shift in the center of gravity might cause the buggy to tilt or tip over.



The handling of the buggy is strongly influenced by tyre pressure. Correctly inflate tyres considerably improve its maneuverability.
The air pressure should be at least 2 bar (200 kPa resp. 29 PSI).



Please be aware that with certain footrest settings the footrest can collide with the caster wheels.



Please keep packaging material away from children. Plastic packaging presents the danger of suffocation.



Never leave your child unattended in the buggy even when they are strapped in and the brakes engaged.



In the dark, the user should wear light clothing or clothing with reflectors in order to improvevisibility. Ensure that the reflectors if installed are easily visible.
We also recommend installing active illumination.



Before using the buggy, both folding guards and the seat must be firmly locked in place.



Static stability is at >15° inclination.
Attaching heavy bags or other weight to the push handles can adversely affect stability.



Caution!
Regard specially during adjusting the recline, the tilt in space function and the footrest hanger angle the danger of getting caught for the child by protruding arms or legs into flexible parts of the ZIP.



Don´t use the footrest to get into and out of the buggy generally.
Use the footrest with shoes only.



The rehab buggy is only intended to carry one child at a time.



Disposal of waste: The packaging material as far as metal, aluminium and plastic parts can be recycled. The recycling must be operated according to the national and legal terms.



Caution!
All upholsteries are hardly inflammable and meet the claim EN 1021 part 1 (cigarette test) and part 2 (match test). But that doesn`t protect the user in the seat unit to suffer burnings by careless handling with blaze or open fire.



For storage in the folded situation don`t charge the base frame (if the tie down kit is mounted).



Accessories and add-ons reduce the maximum load proportionately.



We recommend that, wherever and whenever possible users transfer to the seats installed in the motor vehicle and use the corresponding vehicle restraint systems, because this is the only way to ensure optimum protection of the passengers in case of an accident.
Your **ZIP®** rehab buggy was successfully tested in accordance with ANSI/RESNA WC/19 and ISO 7176/19 (Crashtest).
It is, however, possible to use your ZIP rehab buggy as a seat in a motor vehicle, if our “Tie down Kit” (article 3231-7300) as well as appropriate restraint systems are used. Your **ZIP®** is admitted for use as a seat in a motor vehicle yet.
This rehab buggy is equipped with back angle and seat tilt adjustment. Turn the toggle lever on the backrest and let engage the backrest in the first position. Using the seat tilt adjustment you must bring the backrest into almost upright position (max. 20°). Observe the specifications under 5.9 and 5.17 in this user manual.



Caution!
Excess strap ends on accessories may be trapped in the tilt mechanism and can avoid the engagement of the locking pins. In such a case the seat could fall off the mobility base.
Shorten excess strap ends on accessories so that they can not be trapped.
Check by pulling the seat sharply forward that the seat unit is properly engaged.
Check that the locking pins are completely engaged. Push in completely, if necessary.



The assembly of a seat shell is only permitted within the specified seating area. The manufacturer of that new product combination has to test the stability and the adherence of the maximum load before commissioning.



Neither the maximum seat depth nor the maximum back height must be exceeded (see chapter 9).



Please read to visually handicapped people the manual and info material - or use electric aids. Please download or read all ZIP documents on our webside ***www.hoggi.de***. In addition, product videos and product photo galleries are available online!



Whenever you change any settings on the ZIP, make sure that you firmly tighten any screws that have been loosened.



Check the condition of the product if the packaging shows damages.



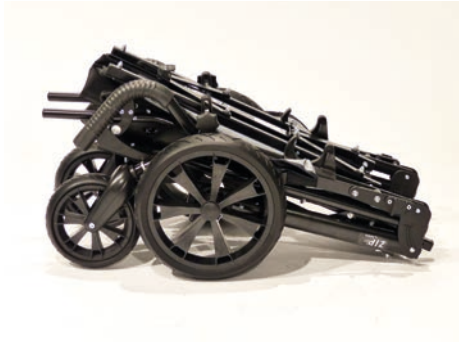
Be careful in case of extreme temperatures. The rehab buggy can heat up significantly when in the sun or in the sauna. In extreme cold, there is a risk of hypothermia. For persons with insensitive skin (ie persons who can not perceive a temperature increase) and / or with skin damage, care must be taken that metal parts do not reach too high a temperature. In these cases, it is imperative to wear appropriate garments to protect the skin.



The ***HOGGI*** seat cushion (Trevira CS) as well as the HOGGI nylon backrest and seat cover are flame resistant referred to the EN 1021-1 and EN 1021-2 norm. When using other cushions and back cushions, as the original supplied by HOGGI or used in addition padding, the flame retardant effect is not given.



Always make sure that the quick-release fastener on the rear wheel engages correctly.



4 Delivery and Preparing for Use

The original package contains the following components:
- Rehab Buggy, folded
- instructions for use and special tools as required
- accessories as ordered

Carefully remove the transport safety items and packaging material.



To unfold the Rehab Buggy please proceed as follows:

- Lift the buggy using the black handle grips on the push handles and unfold it until you can set it on its wheels.



Caution!
Never hold on to anything else than the described movable parts, especially the scissors mechanism!
Crushing injury may occur!



- Press the push handles backward until the folding guards engage.



- Check both folding guards and engage them if necessary.



• Push down on the folding lever on the backrest until detent lug.



• Pull the release cable as shown towards the edge of the footrest in order to make lock pins move towards the inside.



• Swing the footrest to the desired angle and let the lock pins snap in place.



• The image shows the unfolded footrest.



If your Rehab Buggy is equipped with the „footboard assembly straight“ proceed as follows:

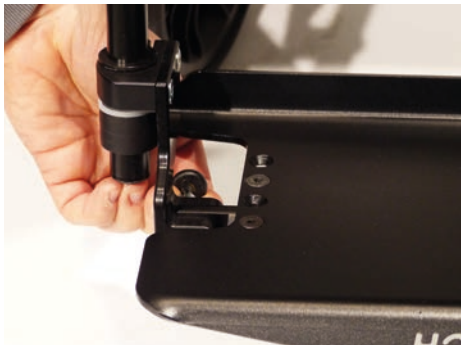
• Move the footboard into the inside.



• Move the footboard downward.

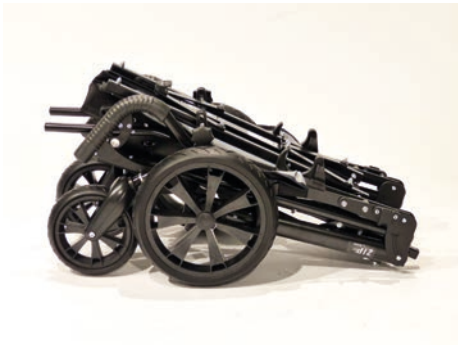


• Make sure that the latching gets quided info the footboard bracket.



• Lock the footboard with the snapper.

• Make sure that the footboard is locked.



For folding the Rehab Buggy repeat the procedure in reversed order.



5 Adjusting and Adaptation Possibilities

5.1 Wheel lock

To put the wheel lock on push the wheel lock lever downwards and roll the buggy slightly back or forward, so that the lock pins can engage in the brake disc. Never use force! This could damage the quick releases and the wheels could fall off and cause injuries. The wheel lock should not be actuated while the push chair is moving!



• To disengage the wheel lock pull the wheel lock lever upwards with your toe.



5.2 Recline

• After slight opening of the star handles on both sides the backrest can be adjusted to desired angle.



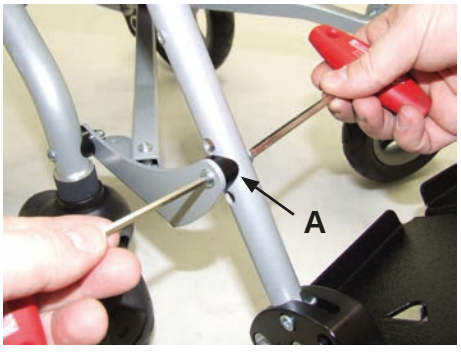
• Tighten star handles afterwards.

Whenever you change any settings on the **ZIP**® Rehab Buggy make sure that you firmly tighten any screws that have been loosened.



5.3 Lower leg length

• After loosening hexagon socket head cap screw on both clamping devices the footrest can be adjusted in height. Make sure that the footrest is on the same level on both sides before tightening the hexagon socket head cap screw.



• Depending on the length of the lower leg, it may be necessary to remove the screw connection (A) before moving the footrest.



• Before moving the clamping devices move the clamping device past the screw joint. The screw joint must be affixed afterwards.



• If the lower leg length adjustment is blocked by screw joint (A) the clamping device can be dismounted and remounted the other way around.



• For that purpose the entire footrest must be drawn off from the footrest adapter. The right clamping device must be exchanged with the left clamping device.

Whenever you change any settings on the ZIP Rehab Buggy make sure that you firmly tighten any screws that have been loosened.



• The minimum lower leg length adjustment of 20 cm can only be reached with the depicted mounting alternative and is limited due to a detent lug.



• The maximum lower leg length adjustment of 39 cm can only be reached with the depicted mounting of the clamping device.

If the clamping device is flush with the tube end, maximum lower leg length adjustment is reached.



5.4 Footrest angle adjustment

- Pull the release belt towards the edge of the footrest in order to move the lock pins towards the inside.
- Swing the footrest to the desired angle and let the lock pins snap in place.
- Since the clamping device can be turned around the snap in positions are available twice.



5.5 Seat depth

- After loosening and removing the screw joints of the seat cover and the seat rails the seat can be mounted in two to three different seat depths by any authorized dealer.

Whenever you change any settings on the ZIP Rehab Buggy make sure that you firmly tighten any screws that have been loosened.



5.6 Detaching wheels with quick release

In order to achieve a most compact folding package the rear wheels of all models are detachable by quick release hubs. To detach press the quick release spring towards the middle of the wheel and pull the wheel from the axle.

To attach the wheel push it onto the axle until the quick release engages automatically. Ensure that the wheel is securely held onto the axle by pulling the wheel without operating the quick release.



5.7 Pneumatic tyres (option)

- All wheels are equipped with pneumatic tyres. Maintain proper pressure at all times. Notice the air pressure indicated on the tyre.

6 Accessories

All accessories which are not installed by the manufacturer must be installed by trained technicians.
The following notes on installation are for your information but should be performed by trained technicians.
All accessories indicated with (*) has to be removed before folding the Rehab-Buggy.

Straps on accessories are usually extra long to accommodate every option. Excess strap ends on accessories may be trapped by interfolding the Rehab Buggy. Shorten excess strap ends on accessories so that they can not be trapped. To prevent strap ends from fraying the cut ends can be melted together with a flame. (eg. cigarette lighter)



6.1 Swivel lock

- The swivel lock is mounted by the manufacturer or an authorized dealer.
- To lock the swivel lock turn the lock pin by 90° and let it engage in the designated hole in the castor fork.
- To open the swivel lock pull the lock pin, turn it by 90° so that it stays in the disengaged position.



- After loosening the clamping screw the track can be adjusted with engaged swivel lock.



6.2 Attendant brake

- The **ZIP**® Rehab Buggy can be fitted with an attendant brake. The brake mechanism can be operated with two independent brake lever.

The attendant brake is designed to be a brake and not a wheel lock for parking. For parking the original wheel lock remains in function.



Adjustments:

The attendant brake set is pre adjusted. Nevertheless, if adjustments become necessary just after installation or after a period of use there are the following option:
At the exit of each brake housing a cranked set screw leads the brake cable away from the tire of the rear wheel. After loosening the counter nut the pre tension of the individual (left or right) brake can be adjusted.
Tighten the counter nut firmly again and ensure that the crank of the set screw shows towards the rear frame away from the tire.



6.3 Tie down kit

- Your **ZIP**® Rehab Buggy has been tested successfully (Crashtest). Using our tie down kit (article 3210-7300) and the application of adequate restraint systems your ZIP Rehab Buggy is approved for the application in vans for disabled.
  For transportation the tie down belt will be attached to the floor pan and the restraint system (lap belt, three-point belt) will be affixed to the child (also see chapter 7 Transport).



6.4 Foldable back rest upholstery

- Your **ZIP®** Rehab Buggy can be equipped with an foldable backrest upholstery and a foldable seat upholstery respectively.
- Both cushions are compatible with a five-point harness



- In order to attach the backrest upholstery lay the cushion onto the nylon cover of the backrest and secure the backrest upholstery with the Velcro fasteners on the top and bottom edge of the nylon cover.



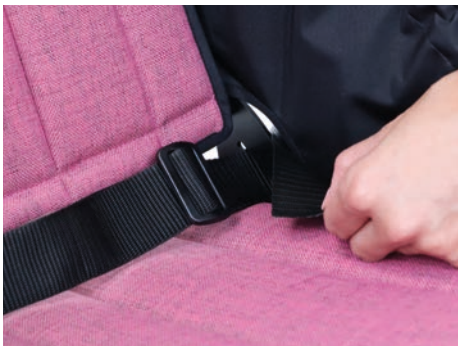
6.5 Foldable seat upholstery

- The foldable seat upholstery will be attached to the nylon cover of the seat with Velcro fasteners, just like the backrest upholstery.



6.6 Lap belt

- On each end of the lap belt you can find pre mounted triglides which are passed by the belt only once. The length of the free belt ends determine the length of the complete lap belt. Pass the free belt ends through the designated slots in the lower part of the back base.



- Then thread the belt ends once again through the triglides.



• Open the lap belt by pushing the red key on the buckle. The lap belt can be adjusted by pulling the belt end next to the buckle.



6.7 Five-point harness

Preparation/Installation:

• There are several holes in different heights on the back covering. Fix the buckle as shown using the black plastic washers and self securing nuts at the desired height on the back covering.



• There are several holes on the seat covering in various depths. Fix the buckle at the end of the (middle)-belt in the desired position. Start the mounting below with the lens head screw M5x14, and fix it above with a washer and the selfsecuring M5 cap nut. The position should be closest to the body but not under the bottom.

The back rest upholstery can be pushed over the belt ends and attached with Velcro fasteners. The seat cushion can be mounted to the seat with Velcro fasteners and the belt of the belt buckle can be run through the opening in the seat cushion.



• The ends of the five-point lap belt are mounted as described in 6.6 lap belt and the length is roughly initialized.

To take the five point harness off proceed as follows:

• Press the red key on the buckle.



• Press the keys of the length adjusters and pull the strap out so that approx 5 cm (2 inches) of the strap end remains.

• Create wide loops which allow to move the arms of your child out of the harness easily.

• Lift your child out of the seat.



To put the five point harness on proceed as follows:

- Place your child into the seat.
- Put the elbow of your child through one of the shoulder strap loops first and then the forearm and hand.
- Proceed with the other arm the same way.
- Put the buckle members one after each other into the buckle.



- Tighten shoulder and lap straps by pulling the strap ends coming out of the length adjuster.



6.8 Ankle hugger

- Ankle huggers allow a comfortable fixation of the foot joints. They are fixed to anchors on the foot plate. The heel should be placed against the heel plate of the footrest. The belts are opened/closed and adjusted with velcro straps.



6.9 Grap rail with upholstery

- Push the Grab rail as depicted into the adapter at the end of the seat rail. While you do it keep squeezing the spring buttons.

- The grab rail is bent and therefore it can be inserted towards the child or away from it.



- Open the grab rail by pressing the release buttons and pulling the rail all the way out.

  The cover can be removed after opening the zipper.



6.10 Therapy tray

• The therapy tray will be attached and removed just like the grab rail. After loosening the clamping lever height and angle of the tabletop are adjustable.

Notice the maximum load capacity of the therapy tray

Trays must not be loaded with objects heavier than 5 kg (11 lb).



6.11 Winter warmer

• Zippers allow the upper part of the winter warmer to be opened or removed.

• Place the winter warmer in the stroller and tie with the straps.



• For securing the winter warmer pull the straps to the outside and attach to the rear frame.

• Before folding the rehab-buggy the winter warmer has to be removed.



6.12 Rain cape

• With the zip-fastener open pull the rain cape over the child's head, then unfold the upper end over the backrest and the lower end around the footrest.



6.13 Canopy with rain cover

Delivery and preparing for use:

• If not done due to delivery in factory, your authorized dealer will mount the canopy adapters to the left and right side of the frame.
• Insert the male pins of the canopy into the canopy adapter.
• Adjustable ratchet joints are used to set the angle of the canopy.
• Spread the canopy and wrap over the backrest of the seat.



• Canopy with Rain Cover:
Take the rain cover out of the bag attached to the wrap, unfold the rain cover, pull it over the unfolded canopy and put it over the footrest assembly.



• The illustration shows the attached rain cover.



• For folding the Rehab-Buggy the canopy does not have to be removed.

• Fold the canopy as shown onto the seat.



• Continue by interfolding the Rehab-Buggy as described in chapter 4.



6.14 Buggy-Board

• For the transportation of a second child the ZIP Rehab Buggy can be equipped with a detachable Buggy-Board.

• The adapters have to be mounted to the rear frame, above the rear wheels as shown in the picture.



6.15 Sun shade

- For sun screening the **ZIP®** Rehab Buggy can be equipped with a sun shade.
- In order to attach the sun shade screw the adapter on the top end of one push Handle as depicted.
- The sun shade can be removed from the adapter due to a adapter system whereas the adapter remains on the push handle by interfolding the Rehab Buggy.



6.16 Nylon bag for transport

- The customized carriage bag for the **ZIP®** Rehab Buggy is made of permanent nylon and serves as a carriage bag and a mud guard.



7 Transport

7.1 In the Trunk of a Car

- Due to its compact folding size the ZIP Rehab Buggy can be stored in any trunk.

- Please make sure to secure the buggy against slipping.

7.2 Using ZIP for bus transport
according to ISO 7176-19 and ANSI / RESNA WC-4

7.2.1 Common information

- Check that your rehab buggy is suitable for a crash test.
- Check that the vehicle is equipped and compatible for transporting your rehab buggy.
- There should also be enough space for safe transport.
- Ensure an upright sitting position during transport.



Please note that improper use of a rehab buggy in a wheeled ambulance can be dangerous beyond typical use. Failure to follow this advice will result in serious injury or death.

7.2.2 Securing the rehab buggy during bus transport

We recommend that, wherever and whenever possible users transfer to the seats installed in the motor vehicle and use the corresponding vehicle restraint systems, because this is the only way to ensure optimum protection of the passengers in case of an accident. Your **ZIP®** rehab buggy was successfully tested in accordance with ANSI/RESNA WC/19 and ISO 7176/19 (Crash Test). It is, however, possible to use your **ZIP®** rehab buggy as a seat in a motor vehicle, if our “Tie down Kit” (article 3231-7300) as well as appropriate restraint systems are used. Your ZIP is admitted for use as a seat in a motor vehicle yet.

The rehab buggy may only be used forward in the direction of travel.

The rehab buggy was dynamically tested in the direction of travel while the dummy was attached with lap belt and shoulder strap.

1) If the user finds itself in the rehab buggy, the rehab buggy has to be positioned forward and has to be fixed with the fastening and safety belts according to the instruction for use of the restraint system manufacturer (fastening belts referred to WTORS need to fulfil the requirements of ISO 10542 or SAE J2249).

2) The buggy has not been tested for transportation in another position.
The transportation in a lateral directed position for instance is not allowed at all.



3) Depending on the size of the buggy the maneuverability can be impaired, so that the turning of the buggy is not or only partially possible, to position the buggy forward in the direction of travel.

4) The buggy has to be fixed with a restraint system referred to ISO 10542 or SAE J2249 with fixed belts in the front and adjustable belts in the back. Usually this concerns snap hooks/ s-shaped hooks as well as plug closures. The restraint systems usually consist of 4 single belts, which have to be attached to the 4 edges of the buggy. The attachment points of the buggy restraint systems are marked with the international hook symbol.

5) The rehab buggy may also be supplemented for transport with other positioning and fixation systems. However, these are not a substitute for passenger and rehab buggy restraint systems and may limit user comfort.

Without consulting the manufacturer, no changes may be made to the attachment points of the buggy or to components of the chassis and frame or they may not be exchanged. Failure to comply with these requirements, the buggy must not be transported in vehicles.

In order to reduce the risk of injury to vehicle occupants, tools that are not specifically designed for crash safety, should be removed and stored separately in the vehicle safely such. eg crutches, loose pillows, therapy tables etc.

7.2.3 Buckling the rehab buggy passenger

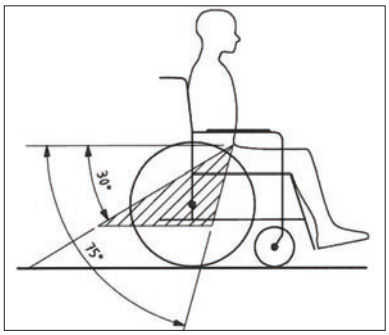
The user has to be buckled up with the lap belt as well as the shoulder belt.

Shoulder and lap belts should be used to minimize and / or avoid potential injury from impact on vehicle components.

1) The person executing the attachment should be trained in the handling of the system.

2) Before transportation the following adjustments of the rehab buggy have to be carried out:
   Seat: 0° - 5°
   Backrest: 90° - 100°
   Footrest: 90°

3) The angle between lap belt and horizontal has to be 30°- 75°. An angle close to 75° is preferable.



4) The shoulder belt has to run across to chest and shoulder. The belt may not butt at the neck and may not be attached loose from the shoulder.

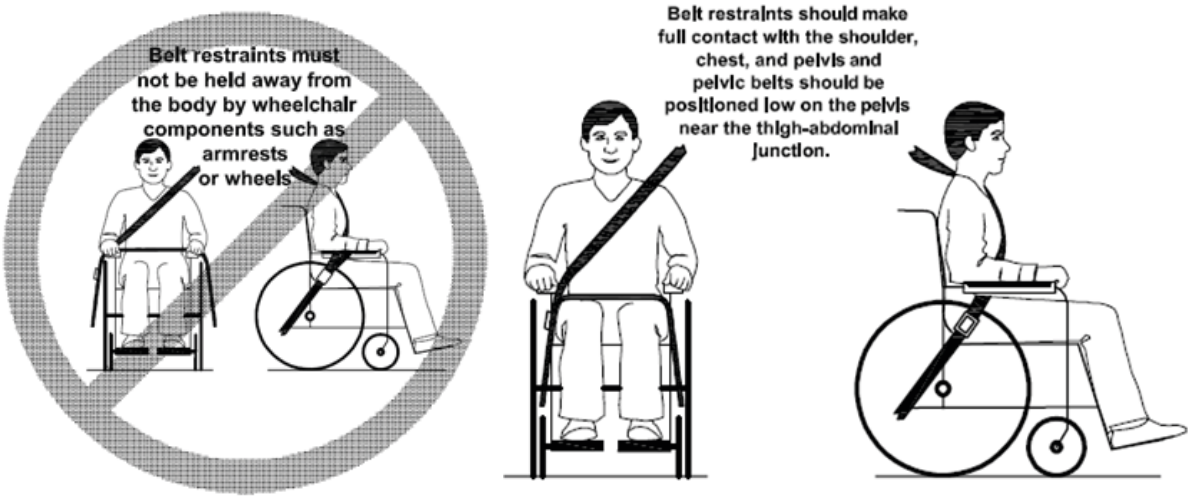
5) The belt strap may not be twisted.

6) The user‘s head should be additionally secured by a separate and permanently mounted headrest in the bus.

7) Please lock the drum brake firmly.

8) Please lock the manual brake firmly.

9) Remember, however: In the event of a traffic accident, the risk of injury can only be minimized and not ruled out, even if the passenger and rehab buggy restraint systems are used correctly.



Lap belt and shoulder belt need to butt plane on the body.

As far as possible all additives should be detached and stored securely:
• crutches, loose cushions and therapy trays

You should not rely on the occupant restraint systems unless they are marked in accordance with the requirements of ISO 7176-19: 2008.

Care should be taken that the occupant restraint is positioned so that in the event of an accident, the release button is not triggered by buggy components and results in unintentional opening of the seat belts.

Before reusing the buggy after a collision or an accident with a bus, the buggy may no longer be used for transport in a bus until it has been checked for possible damage by authorized personnel and then released again.



Attachment points, front according to ISO 7176-19



Attachment points, rear according to ISO 7176-19 for lap belt



Attachment points, rear according to ISO 7176-19

8 Maintenance / Service and Repairs and operating life

8.1 Maintenance / Service and Repairs

Your **ZIP®** rehab buggy is CE approved. The manufacturer herewith guarantees that this medical product as a whole conforms to the basic safety and performance requirements in accordance with Annex I to Regulation (EU) 2017/745 of the EU Parliament and of the Council. The rehab buggy should be checked for correct function before every use. The items listed in the following table must be checked by the user at the indicated intervals. Failure to carry out these simple checks may lead to problems arising that could invalidate the warranty.

Check	daily	weekly	monthly
Function test of the brake/wheel lock	X		
Check of screw connections		X	
Air pressure (indicated on the side wall of the tyre)		X	
Visual inspection of wearing parts such as wheels and bearings			X
Contamination on bearings			X
Quick release (rear wheel)	X		
Check firmness of the footrest		X	

Should any defects become obvious, please contact your authorized HOGGI dealer to eliminate them. We also recommend that you have your **ZIP** serviced by your authorized dealer every twelve months.

Instructions for cleaning and maintenance

- Clean all frame components and plastic parts using mild detergents only. (e.g. Sagrotan)
- Padding parts can be washed at 40 °C. If washed in a washing machine, put them in a linen bag or a pillow case.
- In most cases, wiping with a damp cloth is sufficient
- Do not use your ZIP buggy in salt water.
- Keep sand or other particles from damaging the wheel bearings
- If your ZIP gets wet, towel-dry it as soon as possible.
- Hair and dirt particles generally accumulate between the caster wheel and fork. This can restrict the caster wheels from rotating smoothly. Remove the caster and thoroughly clean the fork and caster using a mild detergent
- The rear wheels feature a quick-release system. To keep this system operational, ensure that no dirt adheres to the quick-release axle or axle housing. The quick-release axle should also be lightly lubricated regularly with resin-free sewing machine oil.
- Screw connections should be checked frequently, in particular when beginning to use the buggy and after any adjustment. If a screw connection becomes loose repeatedly, consult your dealer.

8.2 Operating life ZIP

The expected operating life of the **ZIP** rehab buggy is 5 years, depending on intensity of use and maintenance. We recommend an annual inspeciton by an authorized HOGGI dealer. In case of an interference or a damage of the rehab buggy it has to be checked immediately by a dealer or a medical supply store.

9 Specifications

	Size 1	Size 2
Seat width	35 cm	40 cm
Seat depth	30 / 35 cm	35 / 40 cm
Backrest height „standard“	60 cm	68 cm
Backrest height „long“	66 cm	-
Lower leg length	20 - 39 cm	25 - 44 cm
Permanent tilt in space	18°	18°
Backrest recline	90° - 100°	90° - 100°
Foot plate angle	-10°/0°/+10°	-10°/0°/+10°
Height push handle / overall height	110 - 112 cm	110 - 112 cm
Overall width	59 cm	65 cm
Wheel diameter front / rear	20 cm / 30 cm	20 cm / 30 cm
Folding size (L x W x H)	78 x 36 x 39 cm	91 x 44 x 40 cm
Weight	12,5 kg	13,5 kg
Load capacity	50 cm	60 cm
Turning radius	126 cm	140 cm

CAUTION!
Accessories and add-ons reduce the remaining load capacity for the passenger proportionaly.

10 Storage

ZIP can be folded in one piece.

Care instructions!
Clean **ZIP** before storage.
Please observe the care instructions on page 26.



11 Recycling and disposal

ZIP is made of recyclable materials.
The product packaging as well as all metal, aluminum and plastic parts can be recycled.

Disposal must be carried out in accordance with the respective national, statutory regulations.
Please ask the city or the municipal administration for local ones waste disposal company.

HOGGI GmbH
Eulerstraße 27 • 56235 Ransbach-Baumbach • Deutschland
Telefon: (+49) 2623 / 92 499-0 • Telefax: (+49) 2623 / 92 499-99
E-mail: info@hoggi.de • **www.hoggi.de**

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