

Otto Bock®

QUALITY FOR LIFE



Eco Buggy

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Eco Buggy – Instructions for Use

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1 General Information

1.1 Preface

The Eco Buggy is a quality product offering versatile use in everyday life. Before you start using your Eco Buggy, please make sure you read the sections "Delivery / Preparing the Eco Buggy for Use" and "Safety Instructions". Please keep these instructions in a safe place.

The section "Options" presents additional parts for the Eco Buggy, which may extend the range of application and increase the comfort in the rehab buggy. If you have any questions or problems, please contact your specialist dealer.

Technical changes to the design described in these instructions for use are reserved.

1.2 Intended Use

Rehab buggies are generally indicated for children and young people who are unable to walk or have a walking impediment and need to be transported.

The Eco Buggy may only be combined with the options mentioned in these instructions for use and vice versa. Otto Bock assumes no liability for combinations with medical products and/or accessories from other manufacturers outside of the modular system.

1.3 Field of Application

The Eco Buggy is suitable for people who are unable to walk or have severe walking impediments due to:

- Palsies/Paralyses
- Loss of limbs
- Defective and/or deformed limbs
- Joint contractures
- Joint defects
- Other diseases

1.4 CE Conformity

This product meets the requirements of the 93/42/EEC guidelines for medical products. This product has been classified as a class I product according to the classification criteria outlined in appendix IX of the guidelines. The declaration of conformity was therefore created by Otto Bock with sole responsibility according to appendix VII of the guidelines.

1.5 Liability

The manufacturer's warranty applies only if the product has been used under the conditions and for the purposes described. The manufacturer recommends that the product be used and maintained according to the instructions for use.

The manufacturer is not responsible for damages caused by components and spare parts not approved by the manufacturer. Repairs must be carried out exclusively by authorized dealers or by the manufacturer.

1.6 Service

Service and repairs on the Eco Buggy may only be carried out by Otto Bock specialist dealers. Should any problems arise, please contact the supplier of your Eco Buggy. Any necessary repairs will be made exclusively with authentic Otto Bock spare parts there.

Your authorized Otto Bock dealer:

2 Safety Instructions

2.1. Symbol Legend



Danger!

Warning about possible risks of accident or injury.



Attention!

Warning about possible technical damages.



Note!

Information about operating the product.



Note!

Information for service personnel.



Attention!

Please read the Instructions for Use first!

2.2 General Safety Instructions

Before using the product you should become familiar with the handling and functions of the product:



Attention!

Please read the Instructions for Use first!

Before using the product, familiarise yourself with the handling, functioning and use of the product.



Danger!

The Eco Buggy may be used only on solid level ground.



Danger!

For safety reasons, ascending/descending stairs and lifting the buggy should be done by two persons.



Danger!

For clearing obstacles such as steps, curbs, and stairs, tilt the buggy onto the rear wheels (to ascend, pull the buggy backwards; to descend, slowly lower the buggy forward).



Danger!

Only lift the buggy by parts that are solidly attached (welded or screwed):

- Front frame tube above the front wheels
- Rear axle
- Push handles / Pushbar



Danger!

Firmly hold the buggy at the push handles on slopes and inclines. Otherwise, the buggy might tip over to the side when pushing horizontally on gradients or roll away when being pushed downhill.



Danger!

If possible, park the buggy only on level surfaces. If it is necessary to park on an incline, position the buggy facing uphill with the wheel locks engaged.



Danger!

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



Danger!

The footplate must not be used for getting into or out of the buggy.



Danger!

The maximum total load of the Eco Buggy is 50 kg.



Danger!

Damage caused by objects lying upon the appliance. If appliances are transported in the folded state, the weight of objects lying upon the appliance can cause deformations and result in problems when unfolding the appliance. Never put heavy objects on a folded rehabilitation device.



Danger!

Before using the Eco Buggy, both folding guards must be firmly locked in place.



Danger!

Before using the rehab buggy, firmly close and engage the footplates to prevent bending of the front frame.



Danger!

Attaching heavy bags or other weight can adversely affect stability.



Danger!

Never leave your child unattended in the rehab buggy, even if the belts are in use and the wheel locks are engaged.



Danger!

Using your Otto Bock product as a seat for transportation in motor vehicles for the disabled.

We recommend that, wherever and whenever possible, users of a wheelchair, mobility base with seating shell or buggy transfer to the seats installed in the motor vehicle and use the corresponding vehicle restraint systems, as this is the only way to ensure optimal protection of the passengers in case of an accident.

Your Otto Bock product **Eco Buggy** is permissible for transporting passengers in motor vehicles when using Otto Bock safety components as well as appropriate restraint systems. For more information, please refer to our instructions for use manual "Using your Wheelchair/ Mobility Base with Seating Shell or Buggy as a Seat for Transportation in Motor Vehicles", order no. 646D158.

2.3 Warning Symbols and Type Plates

Label / Nameplate	Explanation
	<p>A Type designation B Manufacturer's article number C Maximum load capacity (see Section „Technical Data“) D Manufacturer / address / country of manufacture E Serial number F Manufacturing date G CE marking – product safety in conformity with the EU Directives</p>

3 Delivery / Preparing the Eco Buggy for Use

In the original package you will find the following components (see title page):

- Buggy, in folded condition, with enclosed footrest
- Instructions for use and required tools
- Accessories as ordered



Note!

To assemble the footrests, please proceed as described under "Adjusting the Footrest Height" (Fig. 14).

To unfold the buggy please proceed as follows:

- First remove any packaging straps or transport locks (Fig. 1).



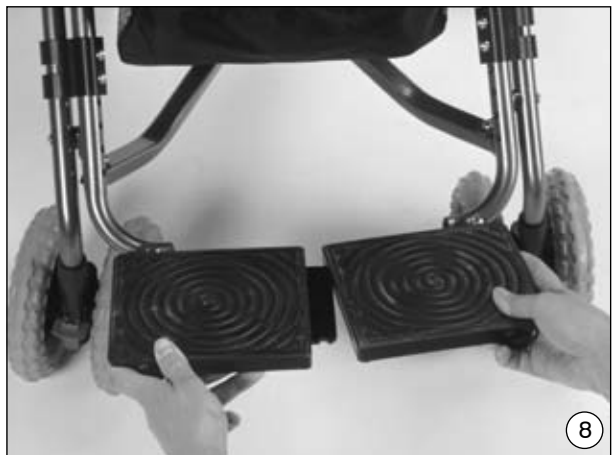
- Grip the push handles of the buggy (Fig. 2) and unfold it as far as possible (Fig. 3 and 4).
- Engage the folding guards on the right and left by gripping the push handles and respective front frame of the buggy (Fig. 5) and pressing slightly towards the ground.



Attention!

Make sure that both folding guards are closed (Fig. 6).

- Press the folding lever (Fig. 7) up to the stop to unfold the scissor construction.
- Turn the footrests (Fig. 8) from the outer to the inner side and flip down the footplates.
- Insert the holding bracket with the tip first into the slotted hole and laterally bring the footplates together until you hear the ratchet bolt engage.



Attention!

Before using the Eco Buggy, firmly close and engage the footplates to prevent bending of the front frame.



Attention!

Risk of injury:

Do not take hold of other moveable parts than the ones described, especially the folding scissor construction.

To fold the buggy, please proceed as follows:

- Place the backrest in the most anterior position (Fig. 9).
- Release the locking bar below the footplates (Fig. 10) and pull the footplates apart.



- Swing the footrests to the outside beside the front wheels (Fig. 11).
- Pull open the folding scissor below the seat (Fig. 12).



- Open the folding guards on the right and left at the front frame (Fig. 13).
- Now proceed as described under "Unfolding", but in reverse order.



4 Adjustment and Adaptation Possibilities

4.1 Caster Swivel Lock (Fig. 11)

To engage the caster swivel lock, push the red locking slide upwards. To open it, push the locking slide downwards.

4.2 Adjusting the Back Inclination (Fig. 9)

After loosening the wing nuts, the back inclination is continuously adjustable. Retighten the wing nuts.



Danger!

When making adjustments under load, unscrew the wing nuts to a certain degree only and make sure to make controlled adjustments, for example by supporting the backrest with your thigh. Sudden adjustments of the backrest inclination under load can cause the buggy to tip over.

4.3 Adjusting the Footrest Height (Fig. 14)

After opening the screws, the footrest height can be adjusted using the different holes at 2 cm distance. To do this, you need a Phillips head screwdriver, which is not included in the delivery.

4.4 Engaging the Wheel Locks (Fig. 15)

Press the release lever down with your foot to engage the wheel locks. Press the release lever upwards with your foot to open the wheel locks.



Attention!

Always ensure that both wheel locks are engaged.



5 Options

All accessories not installed by the manufacturer must be installed by trained technicians. The following notes on installation are listed here for technician use.

5.1 Storage Bag (Fig. 16), max. 5 kg

The storage bag is attached to the front frame on the left and right sides by means of screws and to the rear frame by means of snap fasteners. It can be filled both from the front and from the rear.

5.2 Lap Belt (Fig. 17)

The standard equipment of the Eco Buggy includes a simple lap belt. To open the belt, press together the plastic tabs of the snap buckle and pull them out of the housing. To close the belt buckle, slide the plastic tabs into the housing until you hear the buckle engage. The length of the belt can be adjusted via the adjusting buckles.



5.3 Five-point Belt (Fig. 18)

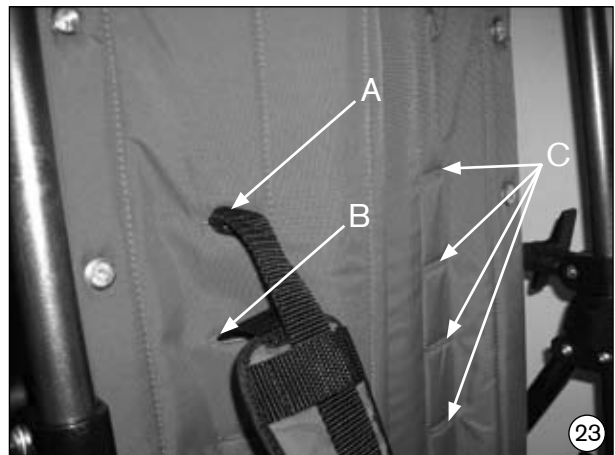
The optional five-point belt offers significantly increased fixation and thus more seating security than the lap belt. It consists of shoulder straps with shoulder pads, lap belt and a centre strap.

a) Assembling the five-point belt

- **Check the supplied components for completeness (Fig. 18):** 1 x five-point belt, 2 x shoulder pads, 2 x M5x40 screws, 2 x spacers, 2 x washers, 1 x holding buckle
- **Removing the lap belt:** Unthread the buckle from the strap (Fig. 19) and pull the strap out of the back upholstery.
- **Mounting the strap in the pelvic area:** Remove the M5x35 oval head screw. Mount the pelvic brackets of the five-point belt using the supplied screws, washers and spacers (Fig. 20).



- **Mounting the strap in the shoulder area:** Thread the shoulder pieces onto the five-point belt (Fig. 21). Hold the buckle as shown in Fig. 22 and thread it through the slot in the back (Fig. 23, item A). Follow this procedure on both sides.
- Lead the fabric flaps of the shoulder pads through the respective lower slots in the back (Fig. 23, item B). On both sides, close the shoulder straps behind the backrest (Fig. 24/25).





- **Mounting the strap in the sitting area:** Thread the flap of the centre strap from above through the slot in the seat surface (Fig. 26).
- Beneath the seat surface, lead the holding buckle through the flap and close the buckle to fix the strap (Fig. 27).
- The belt is now completely assembled (Fig. 28).



b) Getting into the belt:

- Open the snap buckle of the lap belt (Fig. 29).



c) Adjusting the lap belt:

- Use the four adjusting buckles of the lap belt and shoulder straps to adjust the length (Fig. 30).
- For optimal height adaptation of the shoulder straps please use the slots in the back upholstery (Fig. 23, item C). Open the shoulder strap attachment, choose the appropriate height, thread the strap ends through two slots in the back padding spaced one above the other and close the strap attachment (Fig. 31).
- The centre strap can also be attached in two different positions: Open and remove the holding buckle beneath the seat surface, thread the centre strap through the appropriate slot and reattach the holding buckle beneath the seat surface (Fig. 26/27).



5.4 Canopy

Thanks to a net which is integrated into the canopy, the person sitting in the buggy remains visible to you at any time. For assembly/disassembly of the canopy, please proceed as follows:

- First pull open the folding scissor below the seat (Fig. 32) to release the tension on the frame.
- Then on both canopy sides first slide the upper before the lower snap-in tongues into the guiding grooves of the attachment points (Fig. 33) and lock the snap-in tongues by pressing downward (Fig. 34).
- Press in the folding lever up to the stop (Fig. 35).
- To remove the canopy, loosen the folding lever below the seat. Now proceed as described under 'Assembly', but in reverse order.



6 Care Instructions



Attention!

Clean all frame components and plastic parts using only standard, mild household cleaning agents.



Attention!

Do not use your Eco Buggy in salt water and keep sand or other particles from damaging the wheel bearings.



Attention!

After you have finished all adjustments, snugly re-tighten the screws that have been loosened.



Attention!

Check all screw connections on a regular basis.

7 Technical Data

<i>Dimensions and weight</i>	Model 3210
Seat depth	30 cm
Seat width	35 cm
Seat inclination	15°
Seat angle	90° – 110°
Backrest height	55 cm
Backrest inclination by approx.	20 °
Space between seat edge and footplate	different settings possible from 20 cm – 30 cm (34 cm with fixed front wheels)
Weight (standard equipment) approx.	9 kg
Max. total load	50 kg
Folding size (LxWxH) approx.	115 cm x 42 cm x 29 cm
Front wheel diameter	17 cm
Rear wheel diameter	21 cm

8 Re-use / Disposal

8.1 Information on Re-use



Attention!

Risk due to improper use. Seat paddings that come directly into contact with the skin can cause functional and hygienic risks if the product is used by another person. They must be replaced for re-use.

The product is suitable for re-use.

Similar to second-hand machines or cars, products that are being re-used are subject to increased strain. Features and functions must not change in a way that could endanger patients or other persons within the product's life cycle.

Based on market observations and the current state of technology, the manufacturer has calculated that the product can be used for a period of **4 years**, provided that it is used properly and that the service and maintenance instructions are observed. Periods during which the wheelchair is stored at the dealer or with the third party payer are not included in this period. It should be clearly pointed out, however, that the product is reliable far beyond this defined period of time, provided that it is cared for and maintained appropriately.

In cases of re-use, the corresponding product must first be thoroughly cleaned and disinfected. Subsequently, the product must be examined by an authorized specialist to check the condition, wear, and possible damages. Any worn and damaged components as well as components which do not fit or are not suitable for the user must be replaced.

The service manual includes a service schedule, detailed information, and a list of the required tools.

8.2 Information on Disposal

If a product is to be disposed of, all components of the product must be disposed of properly in accordance with the applicable environmental protection regulations in the respective country.

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