en

Electric wheelchair

Model 1.618

Operating manual

CE

MEYRA®
We move people.

Contents

MEANING OF THE APPLIED MARKERS

Safety instructions with a coloured background are mandatory and need to be observed under any circumstance!

☞ This symbol indicates tips and recommendations.

[ ] Reference to a picture number.

( ) Reference to a function element within a picture.

INTRODUCTION

Read and observe this manual before first operation. Children and juveniles should read this documentation together with their parents respectively a supervisor or accompanying person before first use.

This operating manual is to help you get accustomed to the handling of the wheelchair as well as to prevent accidents.

☞ Please note that the illustrated equipment variants can deviate from your model.

We have therefore also listed chapters with options that might not be applicable for your vehicle.

Users with visual impairments can find the PDF-files together with further information on our website:

< *www.meyra.com* >.

☞ Contact your specialist dealer when required.

Information about product safety, possible recalls and general handling instructions of our products can be found in the < *Information center* > on our website:
< *www.meyra.com* >.

Our implemented parts and components fulfil the relevant standards of EN 12184.

Furthermore the electric wheelchair fulfils the EN 12184 with all connected relevant international norms.

LIST OF MODELS

This operating manual applies to the following models:

Model1.618

INDICATIONS

In case of allergic reactions, skin rashes and/or pressure sores during the use of the wheelchair sores contact a doctor immediately.

If the following indications occur we recommend the application of this mobility product:

☞ Walking disability resp. extremely limited walking ability as part of the basic need to move around in your own home.

☞ The need to be able to leave home for a short walk in fresh air or in order to reach the places, commonly in the perimeter of the home, required to fulfil basic needs.

ACCEPTANCE

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

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

☞ The packaging of the wheelchair should be stored for a further transport that might become necessary.

SPECIFICATIONS

The electric wheelchair is an environment-friendly electric vehicle. The electric wheelchair was developed for adolescents and adults, in order to increase their limited action radius due to health or age depending problems.

The model has been assigned the 'Use Class B' as per the EN12184 standard. The electric wheelchair with active footboard and arm support units serves solely to transport one seated person and not as a pulling aid, transporter or similar.

USE

Do not reach onto the turning surface of the wheels or grip the tyres of the rotating wheels. – Danger of injury!

The wheelchair is driven through the joystick integrated in the operating module.

Refrain from jerky starts with your wheelchair. – Danger of tipping over or tilting!

Do not use the wheelchair without the lowered footboard or when the arm support units are removed!

Avoid driving on inclinations or slopes with insufficient surface condition.

The wheelchair is applicable on level, firm surfaces and can be used as follows:

- for indoors (e.g. apartment, day care),
- outdoors (e.g. paved paths in parks),
- as a companion on tours (e.g. in a bus or train).

- Never expose the wheelchair to extreme temperatures and damaging environmental conditions, such as sunlight, extreme cold or salty water.
- Sand and other dirt particles can seize on moving parts and render them without function.

You must not let yourself be carried in your wheelchair by having the wheelchair lifted from the floor. Parts that are not securely fixed, e.g. arm support units, can come away and thus cause an accident.

☞ The wheelchair is a vehicle and not a carrying device.

Only use the wheelchair under observation of chapter *Technical data* on page 51.

ADJUSTMENT

Always have adaptation and adjustment work carried out by a specialist dealer.

The wheelchair offers manifold adjustment possibilities to individual vital statistics. The wheelchair should be adapted to your needs by a specialist dealer before the first use. The adaptation will take into account the driving experience, the physical limits of the user and the main place of use of the wheelchair.

☞ We recommend a regular control if the wheelchair adjustment in order to ensure a long-term optimal provision even with changing illness/handicap patterns of the user. Especially for children and juveniles an adjustment every 6 months is recommendable.

☞ We recommend regular medical exams in order to ensure safety for active participation in traffic.

REINSTALLMENT

The wheelchair is suited for reinstallment. With the building block system the wheelchair can be fit to accommodate different handicaps body sizes. Before reimplementation the wheelchair is to undergo a complete inspection.

☞ Hygienical measures required for reinstallment are to be carried out according to a validated hygienic plan and must include disinfection.

LIFE SPAN

We expect an average life span of about 5 years for this product, as far as the product is applied for its designated purpose and all maintenance and service guidelines. The life span of your product depends upon the frequency of use, the application environment and care. The implementation of spare parts can prolong the life span of the product. As a rule spare parts are available up to 5 years after production is discontinued.

☞ The indicated lifespan does not constitute additional guarantee.

STATUTORY REGULATIONS

Please comply with the legal requirements of the country in which the wheelchair is used.

- ☞ The road traffic regulations and road traffic liscencing regulations (StVO resp. StVZO) are valid in Germany.
- ☞ Inform yourself at your specialist dealer or the road traffic authorities about the legal regulations concerning the operation of your electric wheelchair.

HIGH-FREQUENCY RADIATION

Our electric vehicles are conform with the corresponding requirements of the EG-directive 93/42 EWG for medical devices. Nevertheless Interferences from high frequency rays of other electric devices cannot generally be ruled out.

Despite tested protective measures on the electrical equipment of the vehicle, disturbances in the operation cannot be ruled out when driving through extreme electric Interferences. These are manifested in strange driving behaviour. If the electric wheelchair reacts uncontrollably in such a case or if other electronic devices (such as for example highly sensitive, electromagnetic devices such as anti-theft units in shopping centres) are influenced by the vehicle, stop immediately and switch the electric wheelchair off. Never drive the electric wheelchair in the proximity of electronic medical equipment with a high danger potential and/or life-supporting function or in the proximity of diagnostic equipment.

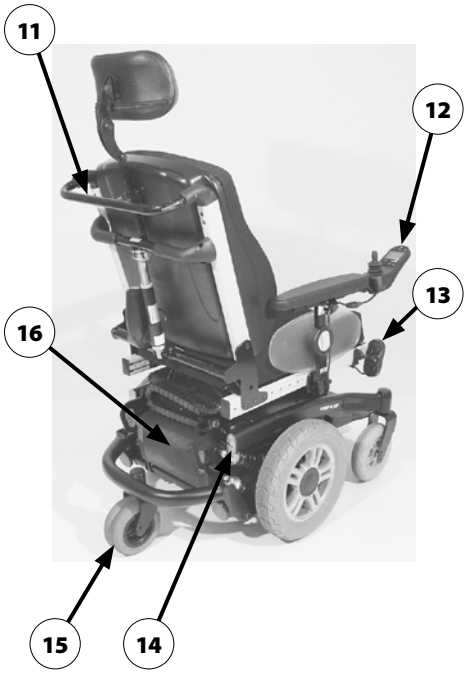
OVERVIEW

Model1.618

The overview shows the most important components and operating devices of the electric wheelchair.

Pos. Description

(1) Head support
(2) Back support
(3) Arm support
(4) Seat cushion
(5) Steering wheel fork
(6) Footplate
(7) Steering wheel
(8) Type plate
(9) Selection lever drive-/push mode
(10) Driving wheel
(11) Pushing bar
(12) Operating module
(13) Front lighting
(14) Rear lighting
(15) Support castor
(16) Electronic cover



HANDLING THE ELECTRIC WHEELCHAIR

Only transfer into or out of the electric wheelchair when the electric wheelchair is switched off and the selection lever drive-/push mode on both sides is in drive mode!

An unintentional movement of the joysticks (driving and steering lever) can otherwise lead to an uncontrolled start of the electric wheelchair! – Danger of accident!

Securing the electric wheelchair

The electric wheelchair is to be secured as follows to prevent it from rolling off unintentionally:

1. Switch the selection lever for drive-/push mode up to drive mode on both sides.

2. Switch off the operating module.

Functional checks

The functions and safety of the electric wheelchair must be checked before the start of each journey.

Driving

You define the speed and direction yourself with the joystick movements (driving and steering lever) while driving as well as the preadjusted maximum final speed of your electric wheelchair.

☞ Therefore observe operation manual < Operating module >.

BRAKES

Brake the vehicle down carefully and in time. This is especially the case when driving in front of people and while driving downhill!

Service brake

The motors work electrically as operating brake and carefully brake the electric wheelchair down without jerks to stillstand.

Braking the wheelchair

For allotted braking of the wheelchair slowly guide the joystick (steering and driving lever) back to the centre position (zero-setting).

☞ The electric wheelchair stops in shortest distance after releasing the joysticks.

Braking distance

In delivery condition the braking distance is according to the maximum values of EN 12184:

– 1.0 m with 6 km/h,
– 1.5 m with 8 km/h,
– 2.1 m with 10 km/h,
– 2.9 m with 12 km/h,
– 4.5 m with 15 km/h.

The braking distance may get longer depending on the road conditions or the condition of the tyres.

Parking brake

The parking brakes are only effective when the selection lever drive-/push mode is set to drive mode on both drives. They disengage automatically when the wheelchair starts off.
The parking brakes are manually disengaged by switching the selection lever drive-/push mode on both drives to push mode.

Locking the brakes

It should not be possible to push the electric wheelchair forward when the brakes are engaged.

To engage the brakes swivel the selection lever drive-/push mode on both sides as far as possible into drive mode [1].

☞ Activation of the selection lever is intended for an accompanying person.

Releasing the brakes

To loosen the brakes swivel the selection lever drive-/push mode on both sides down as far as possible into push mode [2].

☞ Activation of the selection lever is intended for an accompanying person.

Drive-/push mode

Only switch the electric wheelchair to push mode when it is standing still for positioning or in case of emergencies, but not on slopes/hills.

After push mode do not forget to switch the drive back to drive mode. Danger of uncontrolled electric wheelchair movement if you do not do this.

☞ Grab hold of the push handle and back support in order to shunt the electric wheelchair.

Selecting the push mode

1. Switch off the operating module because the pushing will otherwise be made difficult by the electric system.
   ☞ Therefore observe operation manual < *Operating module* >.
2. Disengage the brakes [1].
   ☞ Therefore observe chapter *Releasing the brakes* on page 12.
   ☞ The electric wheelchair can now be pushed.

Selecting the motor mode

1. Activate the brakes [2].
   ☞ Therefore observe chapter *Locking the brakes* on page 12.
2. Switch the operating module on.
   ☞ Therefore observe operation manual < *Operating module* >.
   ☞ The electric wheelchair is now ready for use again.

SELECTING THE OPERATION

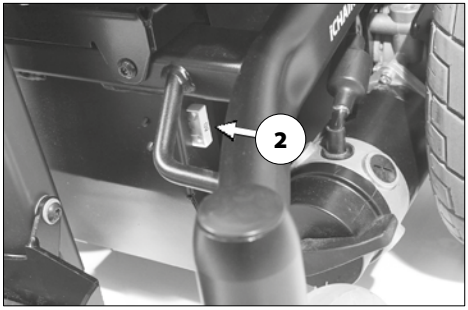
In order to obtain operational readiness of the electric wheelchair the following directions are to be carried out in the indicated order.

☞ Charge the drive batteries via the operating module before the first journey.

1. Selecting the motor mode.

Switch the drive motors to the drive mode [1]. – For this engage the brakes.

☞ Observe chapter *Locking the brakes* on page 12.



2. Check the correct fit of the battery/ mains fuse.

Blade-type fuse:
The blade fuse for the battery/main current has to sit tightly in the fuse holder (2).

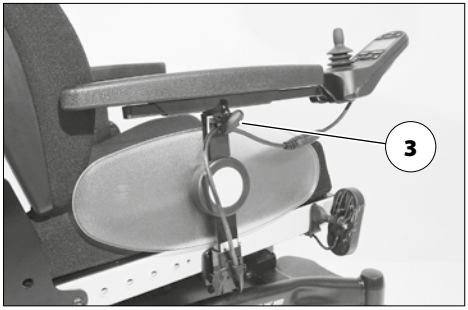
3. Check the position of the operating module.

The operating module should be positioned in such a way that you can comfortably and safely steer the electric wheelchair.

Adjusting the distance to the padded arm support:

After the adjustment retighten the clamping screw. – Therefore observe chapter *Positioning the operating module* on page 17.

The distance of the operating module to the padded arm supports can be adjusted after loosening the clamping screw (3).



4. Switch the operating module on.

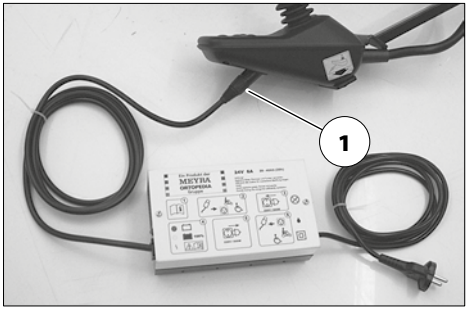
Press the ON/OFF-key (4) on the control panel of the operating module.

☞ Therefore observe operation manual < *Operating module* >.

Pre-operation checks

Before starting to drive, the following should be checked:

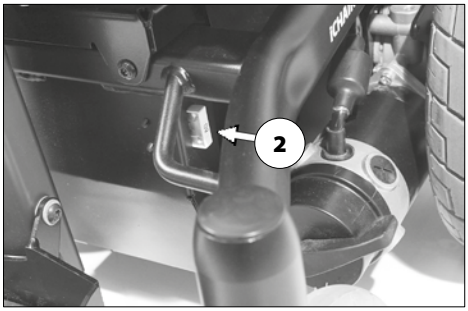
- ☞ the battery charging condition.
- ☞ the setting of the preselected final speed.
- – For this observe the operating manual < *Operating module* >.



Battery charging procedure

Do not insert any objects other than the battery charger plug into the battery charging socket. – Danger of short circuit!

- ☞ For the battery charging procedure also observe the operating manual of the battery charger.



1. Lock the electric wheelchair.
   - ☞ Therefore observe chapter *Securing the electric wheelchair* on page 11.
2. Insert the charger plug into the battery charging socket (1) of the operating module.
3. Switch the battery charger on, resp. insert the main plug of the battery charger into the corresponding power socket.

   – The battery charging procedure is initiated.

- ☞ The charging procedure only runs with an intact mains/battery fuse (2)!

4. After a completed charging procedure disconnect the battery charger from the socket and remove the battery charging plug from the battery charging socket.

Positioning the operating module

Switch off the operating module before adjusting/removing it.

Function description

You will find a detailed description of the keys and symbols in the operating manual for < *Operating module* >.

The position of the operating module can be adjusted to suit the individual size of the user. The operating module can also be removed for transportation or storage and can be laid on the seat or stored separately.

Adjusting the distance to the padded arm support

Slacken the clamping screw distance adjustment (1). Afterwards slide the operating module into the desired position. In doing so carefully guide the cable and retighten the clamping screw (1) securely.

Removing the operating module

In order to remove the operating module loosen the clamping screw (1) and disconnect the plugged connection (2).

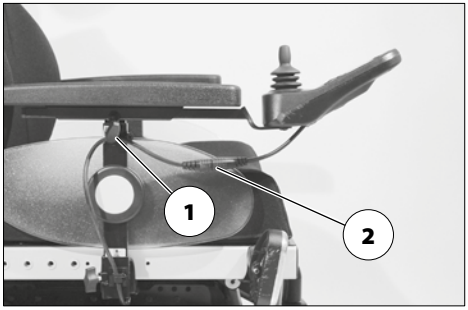
☞ Do not pull on the cable while doing so.

Afterwards pull out the operating module toward the front out of the arm support tube.

Inserting the operating module

For drive mode insert the operating module from the front into the arm support tube and adjust the distance to the padded arm support.

☞ Therefore observe chapter *Adjusting the distance to the padded arm support* on page 17.



Afterwards re-establish the plugged connection (2).

☞ Check the function of the operating module.

Swivelling the operating module

Do not grab into the area of the cross brace. – Danger of squashing!

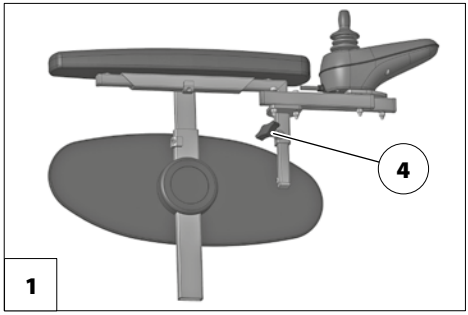
With the swivel away operating module adapter [1] the operating module can be swivelled back to the side (2) so that it is located parallel to the arm support. This makes it possible, for example:

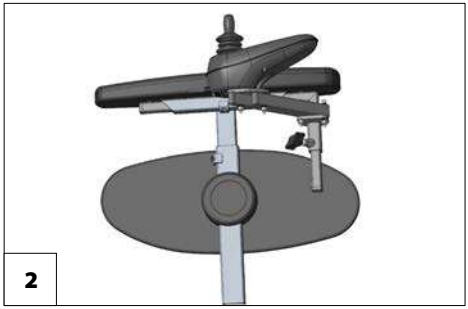
– to drive closer to a table,

– remove the operating module more easily.

For regular drive mode the operating module can be swivelled back toward the front until it engages back into the magnetic lock [1].

☞ Should the operating module be positioned too close to the arm support, move it forward before swivelling.





Height adjustment of the operating module

After the adjustment retighten the clamping screw.

Loosen the clamping screw (4) to adjust the height of the operating module.

LEG SUPPORTS

Before any actions on the leg support the electric wheelchair is to be secured against unintentional rolling motions.

☞ Therefore observe chapter *Securing the electric wheelchair* on page 11.

Central leg support

The footboard [1] can be folded upward [2] in order to ease entry or exiting of the user.

☞ Check the locking points!

– Remove both feet from the foot plate.

☞ Before starting to drive the footboard is to be lowered again [1].

Calf belt

Do not drive without the calf belt. – Danger of accident!

The removable calf belt (1) prevents the feet from sliding off the back of the footplates.

- ☞ The calf belt must be removed in order to swivel away the leg supports.
- ☞ The calf belt is omitted for height adjustable leg supports and is replaced by a calf pad.

Removing the calf belt

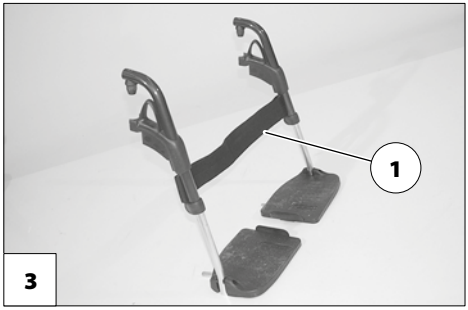
For removal the calf belt is to be pulled from the attachment pins (2).

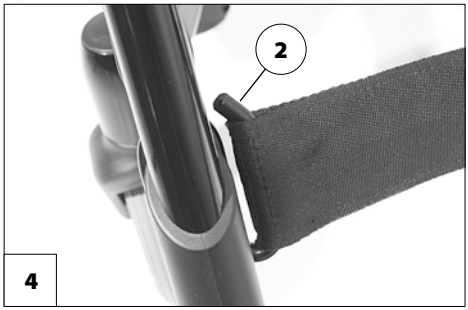
Attaching the calf belt

For attachment both loops of the calf belt are slid over the attachment pins [3] / [4].

Length adjustment of the calf belt

For length adjustment, the calf belt is guided around the special attachment pins [3] / [4] and adjusted in length with a velcro fastener.





Lower leg support

The footplates, resp. footboard needs to be folded up before entry or exit [1] / [2].

☞ Check the locking points!

– Remove both feet from the footplates.

– Remove the calf belt (3), if present.

☞ Therefore observe chapter *Calf belt* on page 20.

☞ Before starting to drive the footplates resp. footboard need to be folded back down [4] and the calf belt attached.

Footplates

The footplates can be folded outward and up [1] resp. inward and down [4].

Footboard

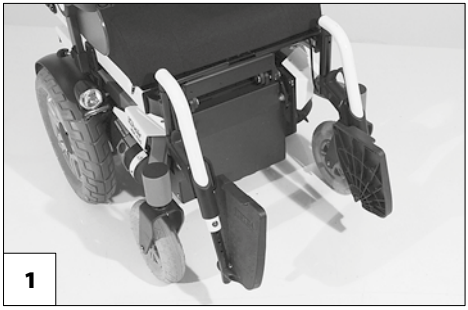
Fold the footboard up before swivelling away and removing the upper leg support.

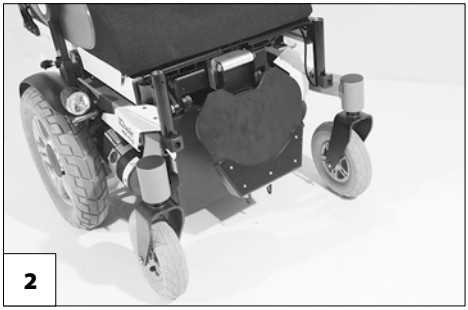
Folding up the footboard

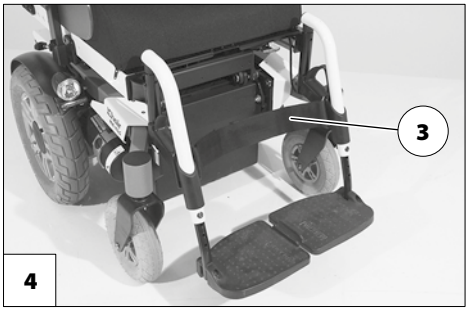
In order to fold up the footboard lift the loose end of the footboard (5) as far as possible.

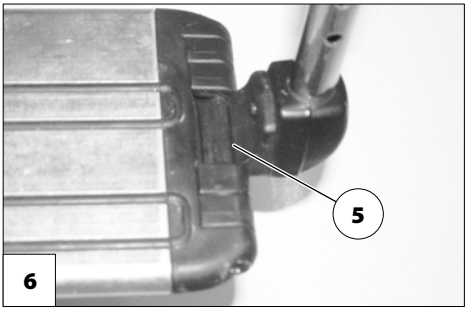
Folding the footboard down

In order to fold down the footboard, lower the loose end of the footboard as far as possible down onto the footboard bracket [6].









Leg support upper part

The upper leg support with an inserted lower leg support is termed leg support.

Turning the leg supports to the side

Leg supports turned to the side are released automatically and can easily come off.

For easy transfer out of/into the electric wheelchair as well as driving closer to a closet, bed or bathtub the leg supports can be swivelled away toward the in- or outside [1].

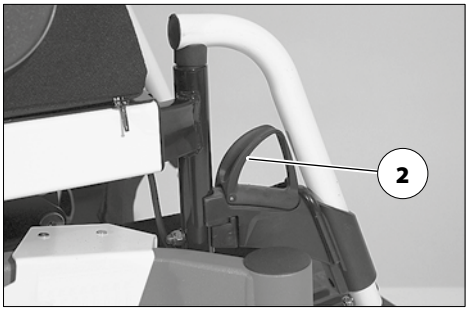
☞ Remove the calf belt before swivelling away the leg supports.

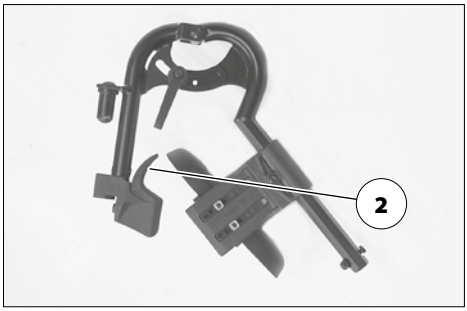
  ☞ Therefore observe chapter *Calf belt* on page 20.

– Fold up the footplates resp. footboard in order to swivel away the leg supports.

  ☞ Therefore observe chapter *Lower leg support* on page 21.

– Afterwards pull or press the respective locking lever (2) backward and swivel the corresponding leg support outward.





Swivelling in the leg supports

For inward swivelling, let the leg supports swivel forward until the lock audibly engages [1].

☞ After audibly swivelling the leg supports inward check the respective locking device.

☞ Afterwards observe chapter *Lower leg support* on page 21.

1

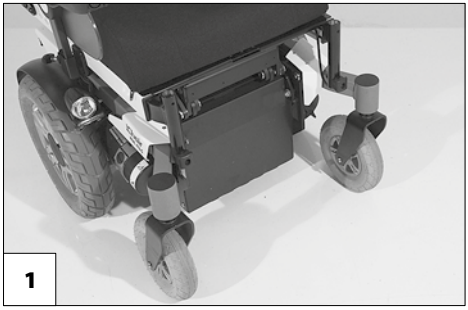
Removing the leg supports

For easy transfer into and out of the electric wheelchair as well as a reduced wheelchair length (important for transport) the leg supports can be removed [1].

☞ Remove the calf belt before swivelling away the leg supports.
  ☞ Therefore observe chapter *Calf belt* on page 20.

For removal first swivel the leg support sideways and then remove them toward the top [1].

  ☞ Therefore observe chapter *Turning the leg supports to the side* on page 22.
  ☞ Watch for possible danger of jamming!

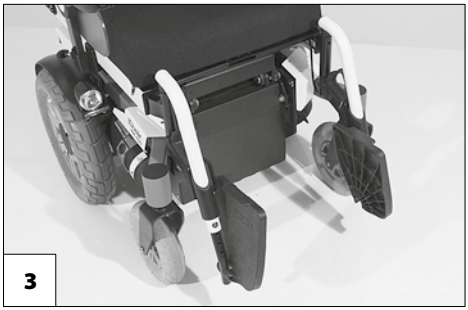

1


2

Attaching the leg supports

For inserting press the leg supports, swivelled to the side, parallel to the front frame tube and lower it into place [2]. – In doing so the holding pin must slide into the frame tube.

☞ After attachment swivel the leg supports inward [3].
  ☞ Therefore observe chapter *Swivelling in the leg supports* on page 23.

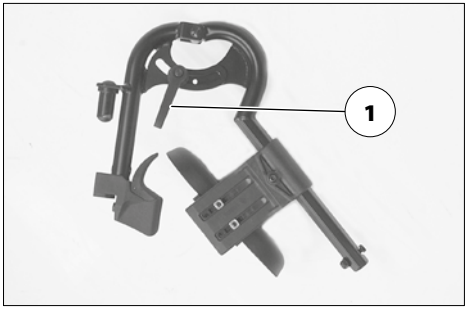

3

Mechanically height-adjustable leg supports

Never put the free hand into the adjustment mechanism while adjusting the height adjustable leg support. – Danger of jamming!

Have the leg support that is to be adjusted secured against falling away by an accompanying person.

Do not let the leg support drop on its own weight. – Danger of injury!



Lifting/lowering the leg support

1. Before lifting/lowering relieve the leg support by an accompanying person by slightly lifting it up.
2. Afterwards loosen the clamping lever (1) and have the leg support lifted/lowered slowly to the desired level by an accompanying person.
3. After the adjustment retighten the clamping lever (1).

Electrically height-adjustable leg support

Never put the free hand into the adjustment mechanism while adjusting the height adjustable leg support. – Danger of jamming!

Electric contact is automatically established when attaching the electrically height adjustable leg support [1].

Height adjustment

For height adjustment, raise or lower the leg support to the desired height via the operating module (1).

☞ Therefore observe operation manual < *Operating module* >.

Removing the electrically height adjustable leg support

When the electrically height adjustable leg supports are removed the electric contact (3) needs to be protected from dampness, water and dust or dirt (e. g. for longer storage)!

☞ Possible function error of the electrical adjustment.

☞ For protection you can for example use the optional cover cap.

To remove the leg support, first pull or press the locking lever (1) to the back.

Afterwards swivel the leg support sideways and remove it toward the top [2].

☞ Therefore observe chapter *Turning the leg supports to the side* on page 22.

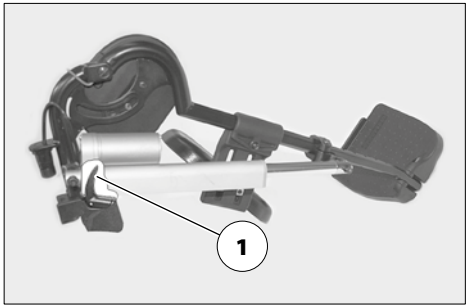
Hanging the electrically height adjustable leg support into place

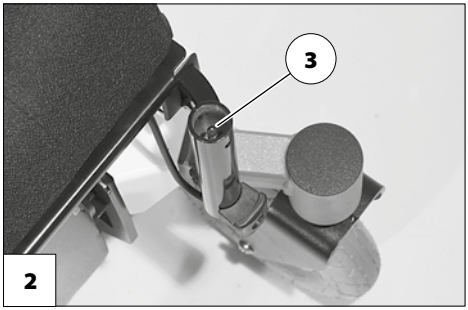
☞ After attachment swivel the leg supports inward.

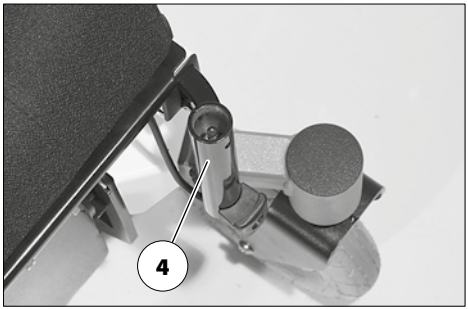
☞ Therefore observe chapter *Swivelling in the leg supports* on page 23.

Press the leg supports, swivelled to the side, parallel to the front frame tube and lower it into place. – In doing so the holding pin must slide into the frame tube (4).

☞ Conduct a function test on the electrically height adjustable leg support!







ARM SUPPORTS

Do not use the arm supports [1] to lift or carry the electric wheelchair.

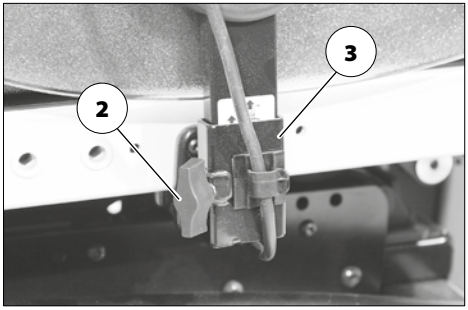
Do not drive without the arm supports!

Removing the arm support

To remove the arm support, loosen the clamping screw (2) first and then pull out the arm support toward the top .

☞ The operating module (4) must be removed first if the arm support on the control side is to be removed.

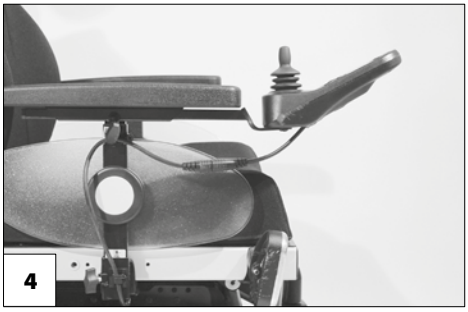
☞ Therefore observe chapter *Removing the operating module* on page 17.



Inserting the arm support

For inserting the arm support, first slide the arm support as far as possible into the bracket (3) and then tighten the clamping screw (2).

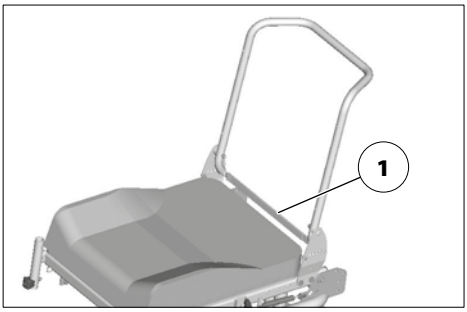
☞ For inserting the operating module [4] observe chapter *Inserting the operating module* on page 17.



BACK SUPPORT

The back support can be folded down for storage or transport.

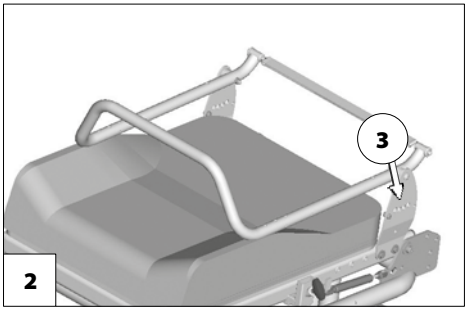
☞ For better demonstration of the wire cable (1) the back support is shown without cushion.



Folding down the back support

☞ If required remove the seat pad (velcro fastener).

Disengage the back support by pulling or pressing the wire cable (1) at its centre and fold it onto the seat [2].



Unfolding the back support

For this raise the back support and pull the pressure bolts inward by pulling or pressing on the wire cable (1).

Release the wire cable in order to lock the back support in the desired position (3). – Slide the back support until the pressure bolts audibly click into place.

– If required replace the seat pad.

☞ The greasing of the thrust bolts is recommended for an easier latching of the backrest.

☞ Check the lock of the back support.

☞ We recommend a nearly upright position for driving on inclinations.

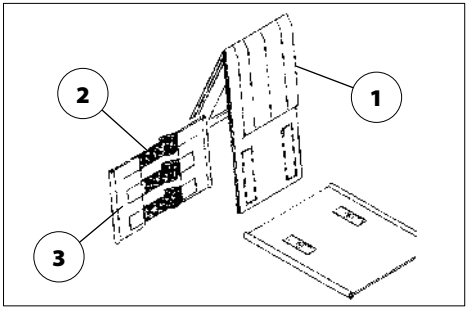
Secure positions of the back support

The diverse possible seat adjustments also includes such settings, that may only be used as resting positions, since they might lead to instable driving conditions in drive mode.

☞ A nearly upright position is to be assumed when driving on ramps!

Adjustable back

The adjustable back is adjustable through a velcro strap on the spanning straps (2).

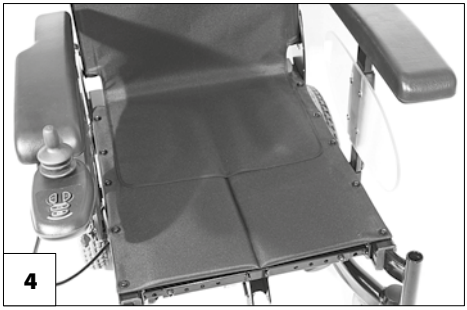


Removing the back support upholstery

For removal, first pull off the rear part of the back support upholstery (1), then fold it over to the front and pull it off of the adjustable back strap (3).

Placing the back support upholstery

For placing the back support upholstery (1), lay it centred around the upper velcro straps (2) and attach it to the adjustable back strap with the velcro fasteners (3).



- ☞ For a soft upper edge you should leave a little space between the upper spanning belt (2) and the folded back support upholstery (1).
- ☞ When the user leans against the back support upholstery (1) again, pay attention that:
- ☞ The pressure of the back must be spread evenly throughout the back support upholstery.
- ☞ A complete hand should fit in between the cushion and back at the upper edge of the back support upholstery.
- ☞ The head of the user must be held in balance through the adjustment of the spanning straps.

The extended parts of the back support are fastened to the top or bottom seat surface depending on the adjusted back support height (4).

Electrically adjustable back support

Any change to the seat inclination will lead to different safe back support adjustments!

Only adjust the back support when the electric wheelchair is standing on a level surface. A danger of tipping over exists on gradients!

The back support [1] is electrically adjustable.

☞ Herefore view the operating manual < *Operating module* >.

Folding down the electrically adjustable back support

Fold open the safety latch (2) first for folding over the electrically adjustable back support, then remove the pin (3).

☞ Keep the back support and motor in position with one hand at the push bar.

Afterwards place the motor onto the lower rack and fold the back support forward.

☞ Remove the back support cushion to achieve less folding height [4].

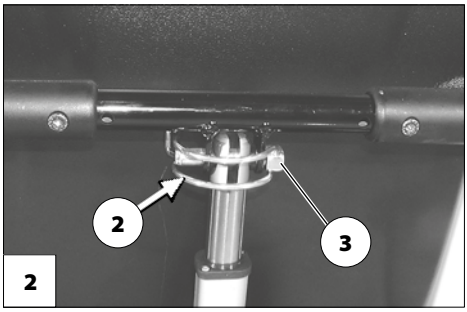
☞ Reinsert the pin (3) in order to prevent loss.

Unfolding the back support

After raising the back support [1] remove the pin (4), lift the motor and hang it into place. The reinsert the pin (4) and fold the safety bracket close [5].

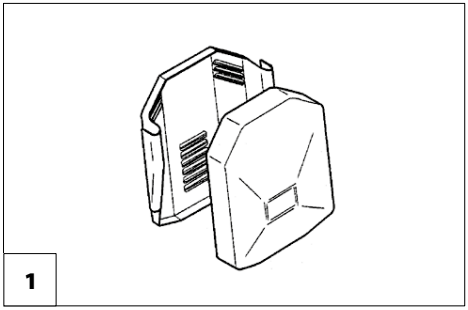
☞ Check the locking device after raising the back support up and reinserting the pin.

☞ Keep the pin clean at all times for flawless function.



Back support upholstery

The back support upholstery is secured to the back support shell with Velcro fasteners and can be pulled off [1].



1

Tilt switch (optional)

Optionally your electric wheelchair can be equipped with a tilt switch that limits the back support angle in combination with the seat inclination.

☞ If the safe angle, even while driving, is exceeded the wheelchair automatically brakes to a stop and a < *peep* > will sound at every movement of the joystick. Continuing to drive is only possible when the back support, resp. seat angle is reduced.

SEAT

Seat pad

The seat pad [1] is attached to the seat plate with velcro straps and can be removed for cleaning and maintenance.

Replace and attach the seat pad again after cleaning or maintenance [1]. – Velcro fastener.

Seat cushion

The seat cushion is placed with the burling side onto the seat plate.

Seat inclination

Only adjust the seat angle [2] when the electric wheelchair is standing on a horizontal, level surface. A danger of tipping over exists on gradients.

The seat-angle adjustment is not linked with an automatic speed reduction function.

An increased danger of tipping over exists with a reclined back support.

Before driving make sure that you have not adjusted a negative seat inclination, resp. that the seat inclination ensures a safe sitting position even while driving on hills/slopes.

Electrically adjusting the seat angle

The seat inclination [1] is administrated through the operating module or a separate adjustment module.

☞ **Note:**
Therefore observe operation manual < *Operating module* >.

Seat height adjustment

Before seat height adjustment, check whether the adjustment area is free of obstacles. – Danger of injury!

Use of the seat height adjustment is only permitted on straight surfaces and during stillstand of the vehicle.

The seat height [1] can be controlled through the operating module.

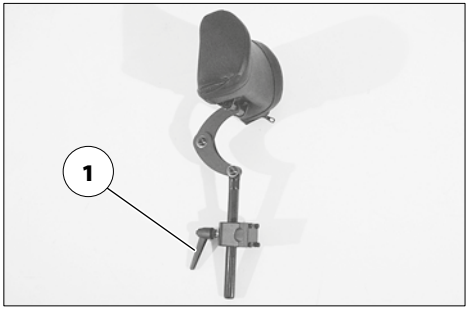
- ☞ Through this the seat height can be continuously adjusted up to.
- ☞ Therefore observe operation manual *< Operating module >*.
- ☞ The speed is limited when the seat is lifted out of the initial position.
- ☞ The limitations to speed are automatically reset as soon as the seat reaches the initial position..

1

HEAD SUPPORT

We recommend the fitting of two rear-view mirrors for driving with a head support.

The head support is swivel/proof, height- and depth adjustable and removable.



Adjustment of the head support

The maximum height adjustment is indicated by the marking!

The head support can be detached or adjusted in height after the clamping lever (1) has been slackened.

Use of the head support during handicapped person transport inside a motor vehicle

This head support is not released for transport of handicapped people inside a motor vehicle!

RETAINING STRAP

Make sure that no objects are trapped between belt and the body! – Thus you avoid painful pressure points.

The retrospective assembly of a retaining strap is only to be carried out by a specialist workshop!

The retaining strap is not part of the retaining system for the electric wheelchair and/or the user during transport in motor vehicles.

The retaining strap serves to strap in a person sitting in the electric wheelchair.

– Additional stabilisation of the sitting position.
– Prevents the user from sliding forwards out of the electric wheelchair.
– Continuous adjustment to suit the user's needs.

The retaining strap is screwed on, from the outer side, at the respective back support holder (1).

Retaining strap with buckle

Fastening the retaining strap

Pull both belt halves to the front and slide the catch halves together so that they latch together.

☞ Then carry out a pull test.

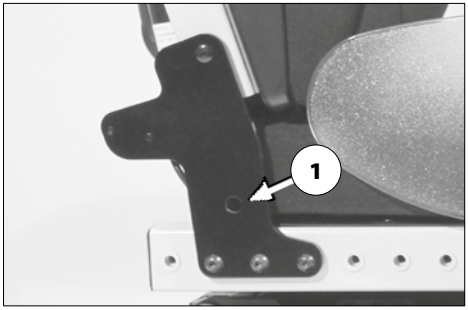
Opening the retaining strap

To open the retaining strap press the red unlocking knob inside the buckle.

Adjustment of belt length

☞ The retaining strap should not be pulled too tight.

Depending on the version hold the buckle or the latch at a right angle to the strap.



Push or pull the strap in the respective direction in order to extend or shorten the strap.

Shorten the loose strap ends by moving the plastic slider (6).

USB CONNECTOR SOCKET

The maximum power consumption may not exceed 1 A per connection!

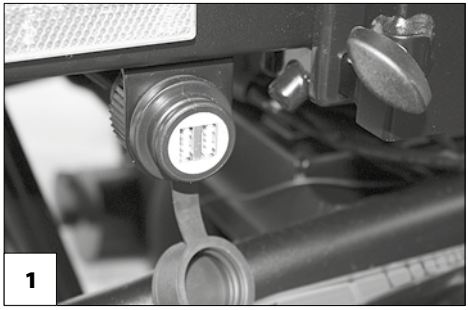
☞ The USB connector socket requires a permanent power supply. This may require a more frequent recharging of the batteries.

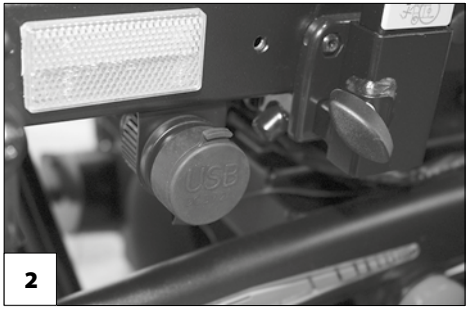
The USB connector socket serves to connect devices with a USB plug type A.

☞ The maximum power consumption may not exceed 1 A per connection.

To connect devices, first pull of the clothes guard [1], then insert the USB plug.

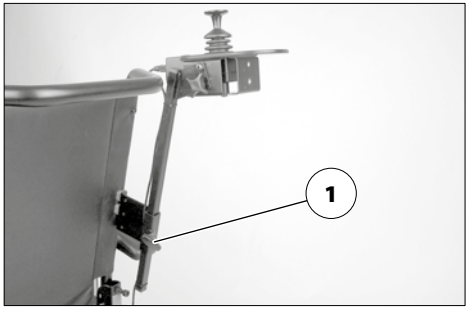
☞ If the USB connector socket is not used, close it with the splash protection cap [2].





ATTENDANT CONTROL WITH PRIORITY SWITCH

The control unit for accompanying person enables the accompanying person an easy control of the electric wheelchair with auxiliary operating module.



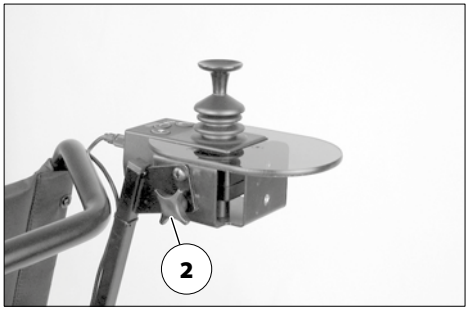
Positioning the controller

☞ Switch off the operating module before position adjustment! – This prevents an unwanted movement of the electric wheelchair.

Height adjustment

Hold the operating module and then slacken the clamping screw (1).

Move the operating module into the desired position and retighten the clamping screw.

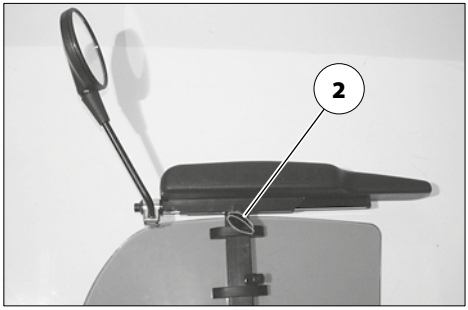


Angle adjustment

Hold the operating module and then slacken the clamping screw (2).

Swivel the operating module into the desired position and retighten the clamping screw.

REAR-VIEW MIRROR



Removing the rear-view mirror

To remove the rear-view mirror loosen the clamping screw (2) and pull the rear-view mirror forward out of the arm support tube.

☞ Carefully place the rear-view mirror down and protect the mirror glass from strain or other objects.

☞ The rear-view mirror is to be kept clean at all times.

Use common glass cleanser to clean the mirror. In doing so the manufacturers instructions are to be observed.

Attaching the rear-view mirror

For drive mode insert the rear-view mirror from the front into the arm support tube and tighten the clamping screw (2).

Adjusting the rear-view mirror

1. Preadjust the rear-view mirror by turning the clasp.

2. Turn the rear-view mirror on the attachment rod and ball joint until you reach the desired angle.

LIGHTING

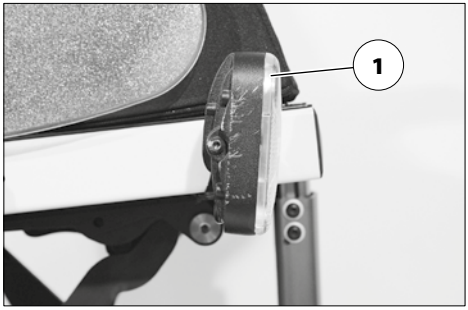
For driving outdoors and on public roads the electric wheelchair is equipped with LED-lighting equipment.

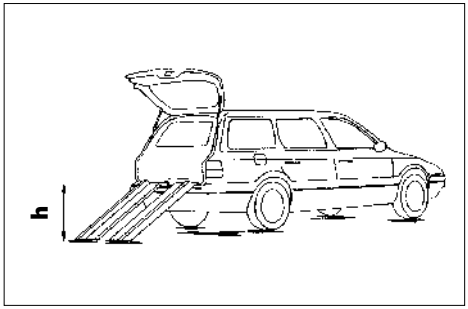
The lighting is activated over the operating module for the driver.

☞ Therefore observe operation manual < *Operating module* >.

☞ Always switch on the lighting system in poor visibility conditions and especially during darkness in order to see better and be better seen by others.

☞ Ensure that headlights, turn signals and taillights as well as reflectors are not covered by clothes or other objects attached to the electric wheelchair.





LOADING AND TRANSPORTATION

Do not use the back support, leg supports, arm supports or revetments to lift the electric wheelchair!

The electric wheelchair must be switched off before lifting!

Loading

The electric wheelchair can be loaded with the aid of ramps or lifting platforms.

Ramps and lifting platforms

Observe the operating manual for the transport vehicle.

Observe the manufacturer's information for the ramp or lifting platform.

The maximum bearing height specified for the ramp must be greater than the height 'h' from the ground to the loading surface, e.g. of the car.

Transport of people inside a motor vehicle

Whether or not your electric wheelchair is permitted as a seat for person transport inside a vehicle, can be determined in chapter *Meaning of the labels on the electric wheelchair* on page 57.

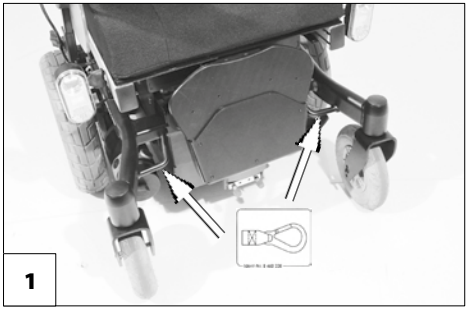
☞ Observe the guideline < *Safety with Meyra-wheelchairs, also during transport in motor vehicles* >! – This document and further information are available in the < *Information center* > on our website < *www.meyra.com* >.

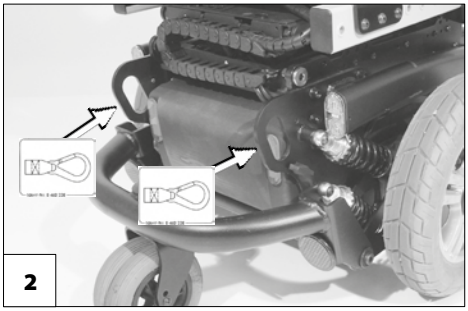
Transport security

The electric wheelchair is only to be secured through the securing points.

☞ The four anchor positions are marked with a symbol [1]+[2].

☞ The procedure for securing the wheelchair can be read in the document < *Safety and general handling instructions electric vehicles* > chapter < *Transport in motor vehicles or with conveyors* >. – This document and further information are available in the < *Information center* > on our website < *www.meyra.com* >.





☞ The maintenance plan does not give information about the actual extent of work determined on the vehicle.

MAINTENANCE

An incorrect or neglected cleaning and maintenance results in a limitation of the product liability.

Maintenance

The following maintenance Instruction gives you a guide for carrying out the maintenance work.

Maintenance schedule

WHEN	WHAT	REMARK
Before starting out	**General** Test for faultless operation.	Carry out test yourself or with a helper.
	Checking the magnetic brake Move the selection lever for the drive/push mode into the drive mode position on both sides.	Carry out test yourself or with a helper. If the electric wheelchair can be pushed, have the brakes repaired immediately by the specialist workshop. – Danger of accident!
Especially before driving in the dark	**Lighting** Check the lighting equipment and reflectors for flawless functioning.	Carry out test yourself or with a helper.
Every 2 weeks (depending on distance covered)	**Check air pressure of the tyres** Tyre filling pressure: 2.5 bar = 36 psi	Carry out test yourself or with a helper. Use a tyre gauge.
	Adjustment screws Screws and nuts are to be checked for tight fit.	Carry out test yourself or with a helper. Retighten the loosened adjustment screws. Contact specialist workshop upon demand.
Every 6 -8 months (depending on distance covered)	**Wheel attachments** Wheel nuts or screws are to be checked for tight fit	Do it yourself or with the aid of a helper. Securely tighten any loosened wheel nuts or screws and retighten again after 10 operating hours or resp. 50 km. Contact specialist workshop upon demand.

WHEN	WHAT	REMARK
Every 2 months (depending on distance covered)	**Check tyre profile** Minimum tread = 1 mm	Carry out a visual check yourself or with a helper. If the tyre profile is worn down or if the tyre is damaged, consult a specialist workshop for repairs.
Every 6 months (depending on frequency of use)	**Check** – Cleanness. – General condition.	View chapter *Service* on page 47. Do it yourself or with the aid of a helper.
Manufacturer recommendation: **Every 12 months** (depending on frequency of use)	**Maintenance jobs** – Vehicle – Battery charger	To be carried out by the specialist dealer.

Fuses

Only replace the safety fuse with a safety fuse of the same type!

Replacing the fuses

Before replacing fuses, park the electric wheelchair on a level surface and secure it from rolling away.

☞ Therefore observe chapter *Securing the electric wheelchair* on page 11.

New fuses can be obtained for example at petrol stations.

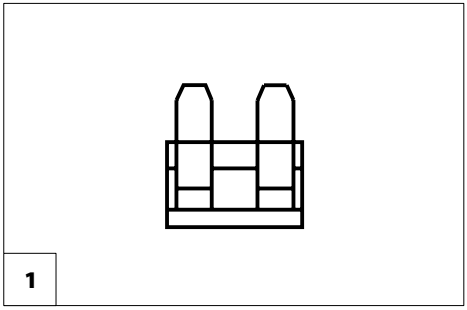
☞ If the safety fuse blows again, take the battery to a specialist dealer for repair.

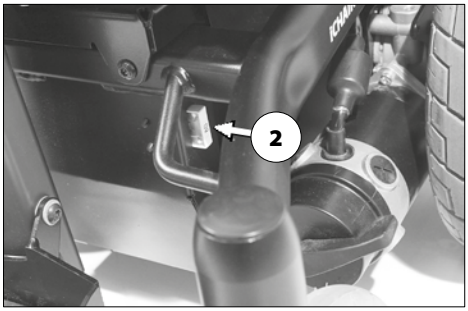
Fuse

Mains-/battery fuse [1]

The blade fuse for the battery current is plugged inside the fuse holder (2) of the battery case.

☞ Observe chapter *Technical data* on page 51!





Lighting

The lighting (1)+(2) is equipped with longlife LED-technology.

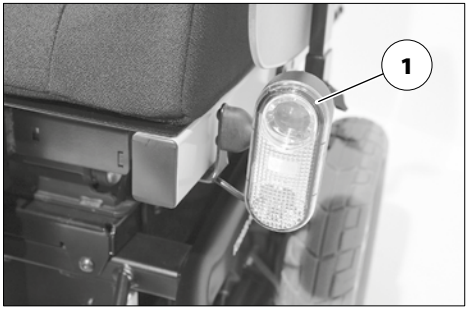
☞ Immediately have a defective LED-lamp repaired by a specialist workshop.

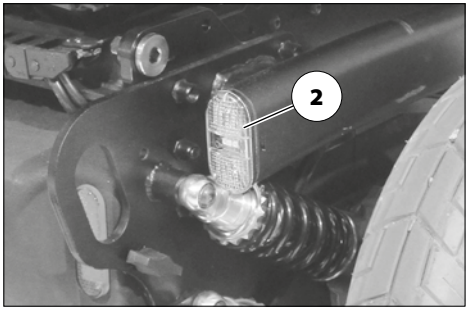
Headlights

The housing of the light (1) must be adjusted so that the light cone is visible on the driving surface. – The lower edge of the light cone should be set at distance of 3 meters to the front of the electric wheelchair.

☞ The lighting case might need to be re-adjusted after adjustment of the seat inclination.

☞ If needed go to a specialist workshop for adjustment.





Fault correction

Fault	Cause	Remedy
Battery indicator on the operating module does not light up after the switch-on.	Battery fuse is defective or not correctly inserted.	Replace defective fuse or clean contacts and insert correctly.
	Plug connection of the power supply without contact.	Check the plug connections.
The battery gauge blinks after the switch-on.	One or both of the drive motors are switched to push mode.	Move the selection lever for the drive/push mode into the drive mode position on both sides.
	Plug connection at one of the drives without contact.	Check the plug connections.
	Malfunction in the electronics.	Have it repaired by the specialist workshop. (Push mode) Selection lever in driving mode position.
	Not listed faults.	View < *Error diagnostics* > in the operating manual for the operating module.
Lighting not active.	LED-lamp defective.	Let it be repaired or replaced by a specialist workshop.
	Lighting fuse or drive electronics defective.	Let it be repaired or replaced by a specialist workshop.

SERVICE

Tyres

The following items need to be checked:

– the air pressure (only on pneumatic tyres)
  ☞ Therefore observe chapter *Technical data* on page 51 or the lettering on the side of the tyre coat.
– free of damages.

Cleaning and maintenance

Do not clean the electric wheelchair with a high-pressure cleaner! – Danger of short circuit!

Keep the lighting components clean at all times and check for correct functioning before each journey.

Silicone free water based cleaning agents and care products should be used for the care of the vehicle.

  ☞ In doing so the manufacturers instructions are to be observed.

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

Upholstery and covers

The cushions and covers are normally fit with care instructions (instruction for care).

☞ Therefore observe chapter *Meaning of the symbols on the washing instruction* on page 59.

In all other cases the following information is true:

☞ Clean the upholstery with warm water and hand washing liquid.
☞ Remove spots with a sponge or a soft brush.
  – Wash off persistent dirt with commercial fine detergent.
☞ Do not soak! Do not machine wash!

Follow-up with clean water and allow to dry.

Plastic parts

The plastic panelling is attacked through non-ionic tensides as well as solvents and especially alcohol.

The plastic panels and parts are made of high-quality plastic.

Only clean the plastic parts with warm water and neutral detergent or soft soap.

When using commercial plastic cleansers the manufacturers application instructions are to be observed.

Finish

The high quality finish ensures an optimum of protection against corrosion.

Should the coating be damaged with scratches or similar, these areas can be touched up with our paint pen available at the specialist dealer.

Slight lubrication of moving parts will ensure for their long functioning.

Disinfection

If the product is used by more than one person (for example in a care centre), the use of a commercial disinfectant is mandatory.

Before disinfection the upholstery and handles are to be cleaned.

A spray- or wiping disinfection is permitted with tested and accredited disinfectants.

☞ In doing so the manufacturers instructions are to be observed.

A list of the disinfectants and disinfection means tested and approved by the Robert Koch Institute can be found under:

< *http://www.rki.de* >.

During the use of disinfectants it can happen that surfaces might be affected in such a fashion that the long term functionality of parts can be limited.

Reinstallment

Before reimplementation the electric wheelchair is to undergo a complete inspection.

☞ The hygienic measures required for reinstallment are to be carried out in correspondence with the validated hygienic plan.

Should your specialist dealer carry out a revision/reconditioning or make fundamental changes to your vehicle, without the use of original spare parts, this under certain conditions may result in a remarketing of your vehicle. This will further entail that your specialist dealer might need to conduct new conformity assessments and tests.

Repairs

Trustfully contact your local specialist dealer of another specialist workshop for carrying out repairs. They are briefed in carrying out the work and have educated personnel.

Customer Service

In case you have questions or require help, please contact your local specialist dealer, who will provide counselling, customer service and repairs.

Spare parts

Safety relevant parts or assembly groups are only to be assembled in a specialist workshop. – Danger of accidents!

Spare parts can only be ordered from specialist dealers. In case of repair work, only original spare parts are to be used!

☞ Spare parts from other manufacturers can cause malfunctions.

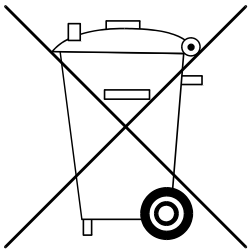
A list of spare parts with the according part numbers and drawings is kept by your specialist dealer.

In order to ensure the correct delivery of a spare part, always quote the corresponding serial number (SN) of the vehicle! You will find this on the type plate.

Whenever changes/modifications are carried out on the vehicle by the specialist dealer, the supplementary information, e.g. assembly/operating instructions must be attached to the operating manual of the vehicle, the date of the modification must be recorded and stated when ordering spare parts.

This should prevent wrong order details on future spare parts orders.

Disposal



The disposal must comply with the respective national law.

Please enquire about local disposal arrangements at your municipal authority.

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.

Electrical parts and printed circuit boards can be disposed of as electrical scrap.

Information for the specialist dealer

A maintenance and service manual for this wheelchair is available on our website < *www.meyra.com* > in the service area < *Download* >, in which you can find the following information:

1. Adjustments that can be carried out with tools.
2. Step by step explanations to important repairs.
3. Information on model specific amendments.
4. A checklist for the annual inspection.

The functional tests necessary for the inspection are listed in the check list.

They are a guide for the performance of the inspection work.

☞ It does not outline the actual scope of the necessary work which can only be ascertained by an inspection of the vehicle.

After the successful completion of an annual inspection the inspection certificate should be recorded in the operating manual.

A draft for further inspection certificates can be copied from the maintenance and service manual when required. It then has to be added to the operating manual.

Programming the driving behaviour

The driving behaviour of the electric wheelchair can be adjusted through the programming device.

☞ Therefore observe the respective < Maintenance and service manual >.

The driving behaviour of the electric wheelchair should be adjusted to the individual requirements and the learning process of the respective user at regular intervals.

☞ The programming must be specially tailored to the user. The capacity of reaction, the constitution as well as physical and psychical abilities are to be considered. A talk with the doctor or therapist can be very helpful.

☞ Any change to the manufacturer set programming may result in an increased danger of accidents.

☞ Possible danger of tilting in curves.

TECHNICAL DATA

Maximum range

The maximum range depends to a large extent on the following factors:

- battery condition,
- weight of the driver,
- driving speed,
- driving style,
- road surface condition,
- driving conditions,
- ambient temperature.

The nominal values given by us are realistic under the following conditions:

- Ambient temperature of 27 °C.
- 100 % rated drive battery capacity as per the DIN standard.
- new condition of the drive batteries with more than 5 charging cycles.
- Nominal load of 100 kg.
- Without repeated acceleration.
- Level, firm driving surface.

Short form of wheelchair dimensions:

SH = Seat height
SW = Seat width
SD = Seat depth
BH = Back support height

Applied norms

The wheelchair complies with the norm:

- ISO 7176-8

Calculation of the max. user weight:

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 user weight is reduced by 5 kg.

The maximum range is greatly reduced by:

- frequent uphill driving,
- insufficient charging condition of the drive batteries,
- low ambient temperature (e.g. in winter)
- frequent acceleration and braking (e.g. in city traffic)
- aged, sulphated drive batteries,
- frequently necessary steering manoeuvres,
- reduced driving speed (especially at walking speed),
- Driving at night.

In practical use, the maximum range under 'normal conditions' is then reduced to approx. 80 – 40 % of the nominal value.

Hill climbing ability

Gradients in excess of the permitted values (e.g. ramps) should for safety reasons only be driven when the wheelchair is empty!

Values acc. to ISO 7176-15 for model 1.618

	min.	max.
Overall length (measured at 4° seat inclination)		
with central leg support	1060 mm	1150 mm
with divided leg supports	1180 mm	1250 mm
Overall width 12"-wheel / 14"-wheel		
SW = 380 mm	600 / 640 mm	650 mm
SW = 430 mm	600 / 640 mm	700 mm
SW = 480 mm	630 / 640 mm	750 mm
SW = 530 mm	680 mm	800 mm
Overall dimensions, max. permitted	– kg	
with 180 W drives		270 kg
with 350 W drives		330 kg
User weight (incl. additional load)	– kg	
with 180 W drives		120 kg
with 350 W drives		160 kg
User weight (incl. additional load, with 350 W-drives), if the product is used as a seat inside a motor vehicle (Dahl-Docking-System, crash-tested acc. to ISO 7176-19)		136 kg
Weight of the heaviest part	0.9 kg	4.5 kg
Actual seat depth	400 mm	530 mm
Actual seat width	380 mm	650 mm
Folding length Centr. leg sup.: footplate up-folded; Div.leg sup.: Leg supports swivelled inward	870 mm	990 mm
Folding width	– mm	– mm
Folding height		
Standard- / Adjustable back	700 mm	880 mm
ErgoSeat-seat and -back	860 mm	950 mm
☞ With Recaro seats the back support cannot be folded onto the seat surface.		
Seat surface height at front edge (without cushion)		
with 0° seat angle	430 mm	510 mm
with 4° seat angle (Cushion thickness (front edge): Standard: 60 mm, ErgoSeat: 70 mm, Recaro: 150 mm)	455 mm	535 mm
Seat angle mechanical	0°	10°
Seat angle electric, code 118 / 4118	0°	3° / 50°
Code 4937	-25°	45°
Seat lift, code 4937	0 mm	200 mm

	min.	max.
Seat lift, code 27:		
Seat lift (lifting height)	0 mm	300 mm
Seat angle	0°	30°
Seat surface height (with Ergoseat with extended seat lift)		870 mm
Back support angle, mechanical (Measured to vertical on the seat plate)	-10°	30°
Back support angle, electrical (Measured to vertical on the seat plate)	-10°	50°
Back support height		
Standard- / Adjustable back	450 mm	500 mm
ErgoSeat-back	530 mm	570 mm
Recaro-back	640 mm	
Foot support to seat Lower shank length, without seat cushion		
with single lag supports:		
Code 93, 92, 86 with Code 805, 54	280 mm	430 mm
with mechanical central leg supports:		
Code 5100	280 mm	400 mm
Code 5101	330 mm	450 mm
with electric central leg supports:		
Code 4935	200 mm	400 mm
Code 5104	200 mm	450 mm
Code 4949	350 mm	450 mm
Static stability downhill	–°	8.5°
Static stability uphill	–°	8.5°
Static stability lateral	–°	8.5°
Dynamic stability uphill	–°	8.5°
Angle leg support - seat surface:		
Central leg support, mechanically adjustable	85°	95°
central leg support, electrically adjustable	90°	180°
Divided leg supports, mechanically adjustable	110°	
divided leg supports, electrically adjustable	110°	180°
Arm support height from seat surface (w/ w/o seat cushion		
Arm support code 106 or code 21	240 / 180 mm	350 / 290 mm
Arm support up-swivelling, Code 24	235 / 175 mm	300 / 240 mm
Back support to front edge of arm support	330 mm	450 mm
Obstacle height		60 mm

	min.	max.
Minimal turning radius (measured at 4° seat inclination)		
with central leg supports (depending on features)	700 mm	800 mm
with divided leg supports (depending on features)	800 mm	900 mm
Weight of the dummy (ISO 7176-8)		76 kg
Max. forward top speed (depending on features)	6 km/h	10 km/h
Minimum breaking distance from top speed	1000 mm	2100 mm
Maximum range with 6 km/h (min. 50 Ah, max. 73 Ah battery)	30 km	40 km
Maximum range with 10 km/h (min. 50 Ah, max. 73 Ah battery)	25 km	35 km
Axle horizontal position	– mm	– mm

Further technical data for model 1.618

	min.	max.
Sound level		70 dB(A)
Protection class		IP X4
Min. turning area central leg support divided leg support	 1050 mm 1130 mm	 1150 mm 1230 mm
Performance drive control with 180 W with 350 W		 24 V / 70 A 24 V / 90 A
Engine output 6 km/h 10 km/h		 180 W 350 W
Main fuse		80 A
Lighting (option)		LED-technology 24 V
Additional load	– kg	10 kg
Front axle load (max. permitted) with 180 W drives with 350 W drives		 130 kg 160 kg
Rear axle load (max. permitted) with 180 W drives with 350 W drives		 200 kg 240 kg
Ground clearance with 12 1/2"-drive wheels		70 mm
Ground clearance with 12 1/2"-drive wheels		80 mm
Empty weight (with drive batteries)	120 kg	165 kg
Empty weight (without drive batteries)	90 kg	120 kg
Overall height	960 mm	1150 mm

Transport dimensions		
Length (incl. support castors, without leg supports)	870 mm	9300 mm
Width (without arm supports) with code 38, SW 380 mm with code 43, SW 430 mm with code 48, SW 480 mm with code 53, SW 530 mm	 600 mm 600 mm 630 mm 680 mm	 640 mm 640 mm 640 mm

	min.	max.
Height, with standard- or adjustable back Height, with ErgoSeat-cushion (Without arm support, back folded onto seat, seat cushion removed from seat plate and laid onto back)	630 mm 700 mm	710 mm 800 mm

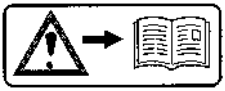
Climatic data	
Ambient temperature	-25 °C to +50 °C
Storage temperature with drive batteries	-25 °C to +50 °C
Storage temperature without drive batteries	-40 °C to +65 °C

Steering wheel	
ø 200 x 50 mm (8“)	pneumatic tyres, max. 2.5 bar (36 psi) puncture safe

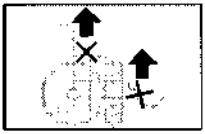
Driving wheel	
ø 325 x 58 mm (12.5 x 2.5")	pneumatic tyres, max. 3.5 bar (50 psi) puncture safe
ø 364 x 75 mm (14 x 3.5“)	pneumatic tyres, max. 3.5 bar (50 psi) puncture safe

Drive batteries		
2 x 12 V 43 Ah (5 h) / 50 Ah (20 h)		sealed, maintenance free
2 x 12 V 63 Ah (5 h) / 73 Ah (20 h)		sealed, maintenance free
Max. battery dimensions (LxWxH)		260 x 174 x 205 mm
Charging current		12 A

Meaning of the labels on the electric wheelchair



Attention!
Read the operating manuals and other provided documentation.

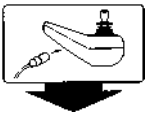


Do not lift the electric wheelchair at the arm supports or leg supports.
Removable parts are not suitable for carrying.

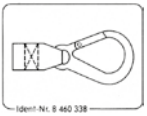
Drive mode

Push mode

Push only on level surfaces.



Indication for charging socket



Attachment possibility of the transport securing system.

The product is **not** approved as a seat within a motor vehicle.

Indication for danger of jamming. – Do not reach in here

Operation in moving transport vehicles. – Switch off or switch to driving program 3.

Meaning of the symbols on the type plate

Manufacturer

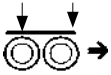
Order number

Serial number

Production date

Permitted user weight

max. permissible total weight



Permitted axle weights

Max. permissible rising gradient

Max. permissible falling gradient

max. ... km/h Permitted maximum speed

The product is approved as a seat within a motor vehicle

Max. permitted user weight if the product is approved as a seat within a motor vehicle

The product is **not** approved as a seat within a motor vehicle.

Meaning of the symbols on the washing instruction

(the symbols correspond to European standard)

Gentle cycle with the indicated temperature in °C

Not suited for the dryer

Do not iron

Do not use chlorine bleach

No dry-cleaning possible

INSPECTION CERTIFICATE

Vehicle data:

Model:

Delivery note no.:

Serial-no.(SN):

Recommended safety inspection 1st year (at least every 12 months)

Stamp of specialist dealer:

Signature: _____

Place, date: _____

_____

Next safety inspection in 12 months

Date: _____

Recommended safety inspection 2nd year (at least every 12 months)

Stamp of specialist dealer:

Signature: _____

Place, date: _____

_____

Next safety inspection in 12 months

Date: _____

Recommended safety inspection 3rd year (at least every 12 months)

Stamp of specialist dealer:

Signature: _____

Place, date: _____

_____

Next safety inspection in 12 months

Date: _____

Recommended safety inspection 4th year (at least every 12 months)

Stamp of specialist dealer:

Signature: _____

Place, date: _____

_____

Next safety inspection in 12 months

Date: _____

Recommended safety inspection 5th year (at least every 12 months)

Stamp of specialist dealer:

Signature: _____

Place, date: _____

_____

Next safety inspection in 12 months

Date: _____

WARRANTY / GUARANTEE

We accept legal liability for this product within the scope of or general terms and conditions and warranty and in certain cases other verbal resp. agreed upon guarantees. For warranty and guarantee demands please contact your specialist dealer with following Warranty/Guarantee section and the there included information on model description, delivery note number with delivery date and serial number (SN).

The serial number (SN) can be read off of the type plate.

Precondition for the acceptance of liability 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.

Guaranty is not granted for surface damages, tyres of the wheels, damages due to loosened screws or nuts as well as worn out attachment holes due to frequent assembly work.

Furthermore, damage to the drive and electronics caused by improper cleaning using steam cleaning equipment or the deliberate or accidental flooding of the components are also excluded.

Interferences through radiation sources such as mobile phones with high transmission power, HiFi-equipment and other extreme interference radiators outside of norm specifications cannot be declared as warranty or guarantee claims.

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 part of the product is to be handed out in case of a change of owner.

We reserve the right to make technical improvements.

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

Warrantee / Guarantee section

Please fill out! Copy if necessary and send the copy to the specialist dealer.

Warranty / Guarantee

Model designation:

Delivery note no.:

SN (view type plate):

Date of delivery:

Stamp of the specialist dealer:

Inspection certificate for transfer

Vehicle data:

Serial-no.(SN):

Model:

Delivery note no.:

Stamp of specialist dealer:

Signature: _____

Place, date: _____

_____

Next safety inspection in 12 months

Date: _____

NOTES

Your specialist dealer

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