



CE

GB

OPERATING MANUAL

SCOOTER,

MODEL 1.363 – 3-WHEEL

MODEL 1.364 – 4-WHEEL

MEYRA[®]
ORTOPEDIA

We move people.

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FOREWORD

We thank you for the confidence you have placed in our company by way of choosing the *SCOOTER*.

As any other vehicle, the *SCOOTER* is a technical aid. It is subject to explanations, requires regular care and can cause danger when used improperly. The correct handling must therefore be learned.

This manual is to help you get accustomed to the handling of your *SCOOTER* as well as to prevent accidents.

Note:

-  Please note that the illustrated equipment variants can deviate from your model.
-  The tools required for adjustments and maintenance is listed under chapter < *Technical Data* >.

Caution:

-  Read and observe this manual before first operation:
 - this operating manual,
 - the safety information < *Electronic wheelchairs* >.

Note:

Children should read this operating manual as well as the Safety instructions < *Electronic wheelchairs* > before first operation together with their parents, resp. a supervisor or attendant.

ACCEPTANCE

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

Note:

We nevertheless ask you, immediately after receipt of the *SCOOTER* best while the delivery agent is present – to check for any damages that might have occurred during transport.

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

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

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

Note:

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

ADJUSTMENT

The specialist workshop will hand out the *SCOOTER* to you under consideration of all relevant safety instructions, ready for operation and adjusted to your needs.

Note:

The tools required for adjustments and maintenance is listed under chapter < *Technical Data* >.

SPECIFICATIONS

The *SCOOTER* is an environment-friendly electric vehicle. It was developed to extend the mobility of persons with health-related or age-related restrictions.

 The *SCOOTER* fulfils the < *demands of handicapped people* > according to EN 614-1.

USE

Caution:

 The general capability of the driver to participate in traffic must be given!

The *SCOOTER* is designated for driving on paved surface outdoors and in spacious indoor areas (for example shopping centres).

It serves exclusively for the conveyance of a **sitting** person.

OVERVIEW

SCOOTER MODEL 1.364

The overview (fig. 1 + 2) shows the most important components and control units.



1

Fig. 1

- ① Seat
- ② Driving lock
- ③ Steering column
- ④ Front basket
- ⑤ Headlights
- ⑥ Steering wheel
- ⑦ Front indicator
- ⑧ Driving wheel



2

Fig. 2

- ① Accelerator lever
- ② Handle bar grip
- ③ Control panel
- ④ Steering column locking device
- ⑤ Lever seat lock
- ⑥ Selection lever drive-/push mode
- ⑦ Support wheel
- ⑧ Rear light

SCOOTER MODEL 1.363

The overview (fig. 1a + 2a) shows the most important components and control devices.



1a

Fig. 1a

- ① Seat
- ② Driving lock
- ③ Steering column
- ④ Front basket
- ⑤ Headlights
- ⑥ Steering wheel
- ⑦ Front indicator
- ⑧ Driving wheel



2a

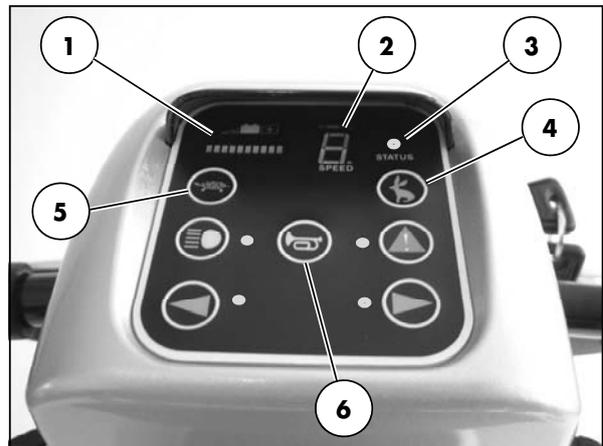
Fig. 2a

- ① Accelerator lever
- ② Handle bar grip
- ③ Control panel
- ④ Steering column locking device
- ⑤ Lever seat lock
- ⑥ Selection lever drive-/push mode
- ⑦ Support wheel
- ⑧ Rear light

CONTROL PANEL

Fig. 3

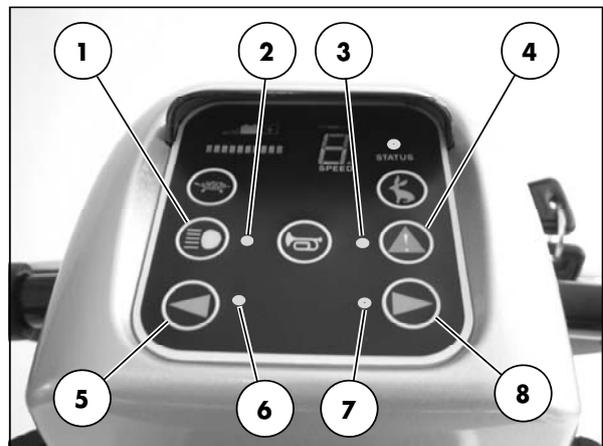
- ① Battery capacity indicator
- ② Indicator gauge of the pre-selected final speed
- ③ Control display of the operational readiness / error display (status)
- ④ Plus-key - rabbit (increases the selectable top speed)
- ⑤ Minus-key - turtle (reduces the selectable top speed)
- ⑥ Key signal sound



3

Fig. 4

- ① Lights key
- ② Indicator gauge for lighting (LED indicator is lit when the lights are switched on)
- ③ Indicator gauge for flashing warning lights (blinks when hazard warning indicators are switched on)
- ④ Hazard warning indicators key
- ⑤ Key left indicator
- ⑥ Indicator gauge for left turn signal (Indicator gauge ignites with the turn signal switched on, left)
- ⑦ Indicator gauge for right turn signal (Indicator gauge ignites with the turn signal switched on, right)
- ⑧ Key right indicator

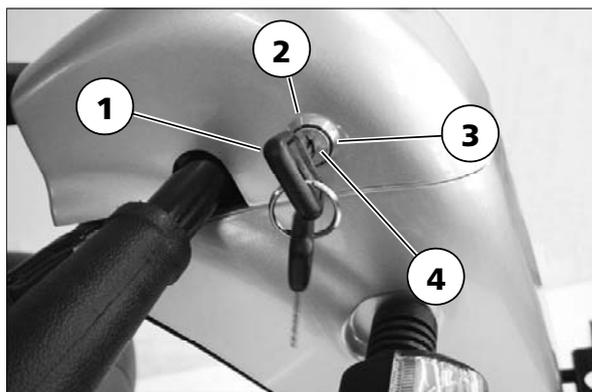


4

DRIVING LOCK

Fig. 5

- ① Driving key
- ② ON position – driving key vertical (the drive mode is enabled)
- ③ OFF position – driving key horizontal (the *SCOOTER* is switched off)
- ④ Driving lock



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BATTERY CHARGING SOCKET

Fig. 6

- ① Battery charging socket (protected by a cover disc that can be turned to the side)



6

HANDLING THE SCOOTER

Caution:

- ! Observe the safety information < *Electronic wheelchairs* >!

Functional checks

The functions and safety of the *SCOOTER* must be checked before the start of each journey.

- 👉 Hereto observe chapter < *Pre-operation checks* >.

Locking the *SCOOTER*

Pull out the driving key to prevent an unauthorised use of the *SCOOTER*.

CONTROL PANEL

Pressure switches and symbols

A key for activation of the function is located under each symbol.



Plus-key (rabbit)

- Increases the 6-step final speed per key activation by one step each.



Minus-key (turtle)

- Reduces the 6-step final speed per key activation by one step each.



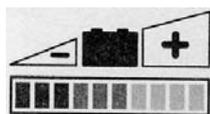
Horn

- When pressing this key a horn signal sounds.



Headlight

- Switches on/off the lights.
 - The indicator gauge is lit when the lights are activated.



Battery capacity indicator

👉 View chapter < *Battery display* >.



Hazard warning flasher key

- Switches the hazard warning flasher on or off.
 - The indicator gauge lights up when the warning lights are activated together with the turn signals.

Direction indicator flasher

👉 Note:

The turn signal equipment automatically switches off after 15 blinking signals.



Left indicator

- Switches on/off the left direction indicator.
 - The indicator gauge blinks when the warning lights are activated together with the turn signals.



Right indicator

- Switches on/off the right direction indicator.
 - The indicator gauge blinks when the warning lights are activated together with the turn signals.

DRIVE-/PUSH MODE

Driving key positions

Position **OFF**

Driving key horizontal (fig. 7, the *SCOOTER* is switched off).

Position **ON**

Driving key vertical (fig. 8, the drive mode is engaged).

 **Note:**



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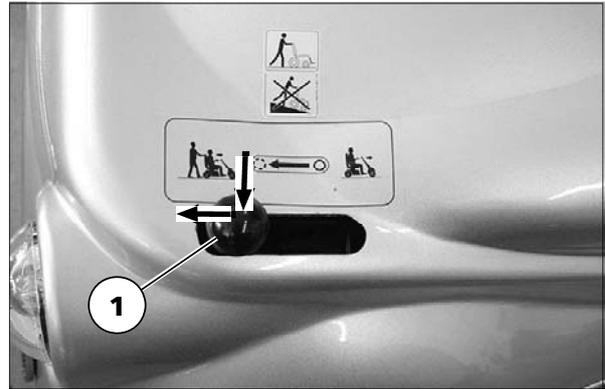


8

Selecting the push mode

First during stillstand turn the driving key 90° counter clockwise to the position *OFF* (fig. 7).

- ☞ The *SCOOTER* is now switched off.
- To achieve the push mode press the selection lever down as far as possible and then push it towards the back (fig. 9/ ①).



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Selecting the motor mode

For the driving mode the selection lever must have locked into place.

- To switch to drive mode first press the selection lever as far forward as possible and then let it engage to the top (fig. 10/ ②).

Afterwards turn the driving key 90° clockwise to the position *ON* (fig. 8). This engages the driving operation.

- ☞ The *SCOOTER* is now ready for driving.

Caution:

- ! Do not switch the selection lever to push mode while driving!



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SELECTING THE OPERATION

Caution:

- ! The functions and safety of the *SCOOTER* must be checked before the start of each journey.

The batteries must be charged via the charging socket on the steering column (fig. 11/ ①) before the first journey.

- ☞ Therefore observe chapter < *Charging batteries* >.

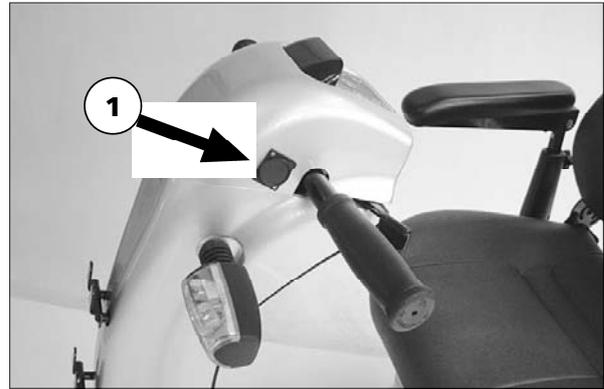
Caution:

- ! Only enter or exit the seat of the scooter when the selection lever is in the drive position and the driving key is pulled off or in the *OFF* position – driving key horizontal (fig. 12).

– An unintentional movement of the accelerator lever can cause an uncontrolled movement of the *SCOOTER*!

– **Danger of accidents!**

- Do not insert anything other than the battery charging plug into the battery charging socket.
– **Danger of short circuit!**



11



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Adjusting the steering column

For stepless adjustment of the steering column press the locking lever (fig. 13/ ①) down.

Caution:

! While doing so hold onto the steering column with one hand in order to prevent an unintentional swivelling.

– **Danger of injury!**

Let go of the locking lever when the steering column is in the desired position.

Switching on the *SCOOTER*

To switch on insert the driving key into the ignition lock in the steering column and turn it 90° clockwise to the position *ON* (fig. 14).

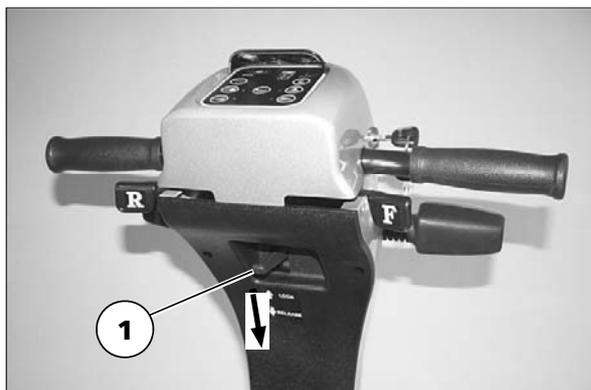
When the *SCOOTER* is ready for operation the indicator gauge of the battery display (fig. 15/ ②) lights up as well as the indicator for operational readiness /status, fig. 15/ ④) and the LED of the max. adjusted final speed (fig. 15/ ③).

👉 Hereto observe chapter < *Control panel* >.

Caution:

! Do not insert anything other than the driving key into the drive lock.

– **Danger of short circuit!**



13



14



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Note:

Do not move the acceleration lever during the activation phase of about one second.

- The electronic is ready for operation when the indicator gauge for operational readiness (fig. 16/ ④) lights up constantly.



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Battery charge condition

The battery indicator (fig. 16/ ②) displays the battery charge condition after the switch-on.

Note:

The value shown depends on the ambient temperature, the age of the battery and the type of load. It should therefore only be taken as an approximate value.

- ▲ If the indicator gauge for operational readiness (status) blinks slowly the batteries should be charged.
- ▲ If the indicator gauge for operational readiness (status) blinks rapidly there is a failure.

View chapter < Maintenance > paragraph < Fault clearance >.

Charging procedure

To charge the batteries, first switch off the *SCOOTER* and then plug the battery charger plug into the battery charging socket (fig. 17/ ①).

Afterwards plug the mains plug of the battery charger into a corresponding outlet. The charging process is now started.

Note:

Also observe the information in the < *Batteries* > section and the operating manual for the battery charger.

Caution:

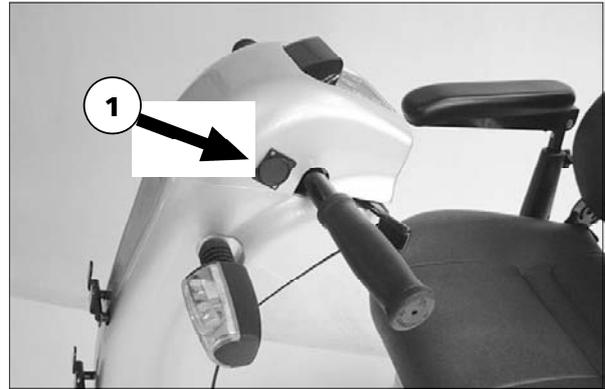
 Do not insert anything other than the battery charger plug into the battery charging socket.

– **Danger of short circuit!**

Charge preferably during the night. A full charging of the batteries takes approximately 8 hours.

Note:

After the charging has been completed first separate the battery charger from the power supply and afterward pull the battery charging plug from the charging socket.



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PRE-OPERATION CHECKS

☞ Also view chapter < *Maintenance instructions* >.

After the *SCOOTER* has been switched on, the battery indicator (fig. 18/ ①) displays the battery charge condition after the system test phase has ended.

Battery capacity

The number of lit LED's reduces as the battery capacity reduces.

Battery display

The battery indicator (fig. 18/ ①) shows the available battery capacity as follows:

The colours of the LED's mean:

green = Operating sector
– Battery capacity (range) according to the quantity of LEDs lit up

yellow = Begin of the reserve sector
– max. 10 % range, recharging required

red = Reserve sector of the batteries exhausted
– immediately recharge, max. 7 % range

With totally depleted batteries the indicator gauge for operational readiness (status) blinks. The capacity has dropped to less than 5 % of the maximal value.

– Recharge batteries immediately in order to avoid a possible battery damage.



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Depending on the error different amounts of LEDs blink.

☞ View chapter < *Maintenance* > paragraph < *Fault clearance* >.

☞ Note:

An exact battery gauge display can only be displayed while driving on level surfaces.
– Uphill/downhill travel falsifies the indication.

Evaluation

The value shown depends on the surrounding temperature, the age of the battery as well as the strain and is therefore to be regarded with limitations.

The kilometric performance of the *SCOOTER* respectively the batteries, should be tested at least once.

Pre-selecting the maximum speed

When activating the *SCOOTER* the last entered speed is pre-set.

The final speed is set (also while driving) in 6 steps over the keys (fig. 20/ ③ and ①).

The lit LED indicates the selected maximum speed (fig. 20/ ②).

Caution:

- ! Danger of accident due to an unsuitable pre-selection of the maximum speed!

A low maximum speed should be selected for driving situations in which you feel unsafe (e.g. driving in confined spaces, driving downhill or on ramps or similar).



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DRIVING

The speed is determined through movement of the accelerator lever (fig. 21/ ①) as well as the pre-selected final speed.

Caution:

- ! Drive especially carefully during the first journeys!
- Pre-select the lowest maximum speed for this purpose.

Safety information

Caution:

- ! Observe the safety information < *Electronic wheelchairs* >!
- Do not switch off the *SCOOTER* whilst it is in motion. – The *SCOOTER* brakes abruptly.
- Do not exceed max. permitted inclination.
- 👉 Hereto observe chapter < *Technical data* >.
- Start off slowly. Carry out a short braking and steering test after starting off.



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- Abrupt changes to the driving condition at inclinations, slanted slopes as well as obstacles are to be avoided.
- For safety reasons, mobile telephones or other radio equipment should only be operated when the *SCOOTER* is switched off.

Accelerator lever

The driving speed is determined while driving by the movement of the acceleration lever (fig. 22/ ①).

As soon as the acceleration lever is moved the *SCOOTER*, depending on the adjustment maximum final speed, starts driving fast or slow.

Note:

Only move the acceleration lever out of the zero-position after the self-test of the electronic has been completed!

– The LED of the pre-selected maximum speed will light up.

Driving speed

Move one side of the acceleration lever (fig. 22/ ①) forward until the desired driving speed is reached.

Direction of travel

The driving direction is determined with the respective operation of the accelerator lever to the right (**F = forward**) or left (**R = backwards**).

Note:

 The speed is reduced automatically during the rearward travel.



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Braking to a standstill

Dosed braking

Guide the acceleration lever according to the desired braking back into its initial position.

Emergency braking

Let the acceleration lever spring back into the zero-position. – The *SCOOTER* brakes down at shortest distance. The vehicle has a braking distance of approx. 1 metre at 6 km/h and approximately 2.0 metres at 10 km/h! Take into account that the braking distance can change depending on the condition of the tyres, the total weight of the *SCOOTER* and the driving surface condition.

Left/right turns

Use the handlebars to turn the steering column left/right according to the desired turn radius.

Reduce the speed when turning.

Caution:

 Danger of tilting when reversing. Especially on slopes and inclinations!

BRAKES

Caution:

- ! If the braking force reduces immediately have the brakes repaired by a specialist workshop.

👉 Observe the safety information < *Electronic wheelchairs* >!

Service brake

The motor works electrically as a driving brake and decelerates the *SCOOTER* softly and jerk-free to a standstill.

Parking brake

The parking brake releases automatically during start-off.

Braking the *SCOOTER*

Guide the acceleration lever according to the desired braking back into its initial position.

The braking distance of the *SCOOTER* must be taken into account for a timely braking.

Caution:

- ! Brake the *SCOOTER* down early in front of persons or an obstacle.
- An abrupt braking when driving downhill at a high speed can cause your *SCOOTER* to skid! – Danger of accidents!

When driving down slopes an adequate speed is to be selected!

Braking distance

The shortest braking distance is dependent on road surface conditions and the speed of the *SCOOTER*.

👉 **Note:**

See also the < *Technical Data* > section.

LOADING AND TRANSPORTATION

Safety information

For the transport in vehicles, you must get off the *SCOOTER* and sit in a suitable seat in the vehicle. Accidents and emergency braking result in forces which the *SCOOTER* was not designed to withstand and therefore greatly endanger a person sitting in the wheelchair.

Transport in vehicles

To save space for the transport in vehicles a reduced *SCOOTER*-dimension can be required (fig. 25).

☞ View chapter < *Reducing the SCOOTER-dimensions* >.

- ▲ Do not use the arm supports, seat or the steering column for lashing the *SCOOTER*.
- ▲ Use only approved and safety-tested securing devices.

Transport security

Proceed as follows as soon as the *SCOOTER* is located inside the transport vehicle:

1. Establish electrical safety

☞ For this observe the regulations of the respective transport company.

– Switch the **SCOOTER off**
Switch off the *SCOOTER* and pull out the driving key.

– **Shift to drive mode**
Push the brake release lever forward as far as it will go.

– **disconnect the battery connection**
Disconnect one plugged connection of the electrical contacts of the battery.

☞ Left battery connection (fig. 33/ ②).

☞ Right battery connection (fig. 33/ ④).

☞ Note:

The plugged connections are secured by spring locks that have to be unlocked by pressing the upper ends together.

☞ To pull them off hold onto the connection plugs.

– **Do not pull on the cables!**

2. Dismantled parts of the *SCOOTER* are to be stored safely and protected.

Reducing the size of the *SCOOTER*

For storage or the transport (e.g. in a car), the size of the *SCOOTER* can be reduced as follows (fig. 25).

1. Switch off the *SCOOTER* and pull out the drive key.
2. Remove the front basket.
3. Pull the seat out toward the top (fig. 27).
 - For this activate the locking lever (fig. 26/ ①).
4. Swivel down the steering column.
 - For this press the locking lever of the steering column (fig. 28/ ②) down and swivel down the steering column. Let go of the locking lever when the steering column is in the desired position (fig. 25).

Caution:

! Hold onto the steering column with one hand on the handlebars in order to secure it against swivelling around.

– **Danger of injury!**

5. When available also fold the rear-view mirror down.

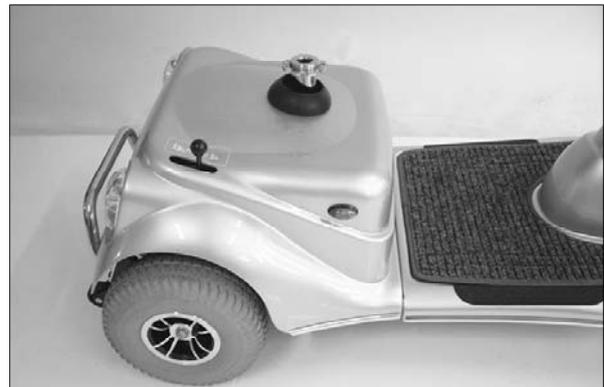
The parts detached for the transport must be carefully stowed and carefully attached again before the next journey!



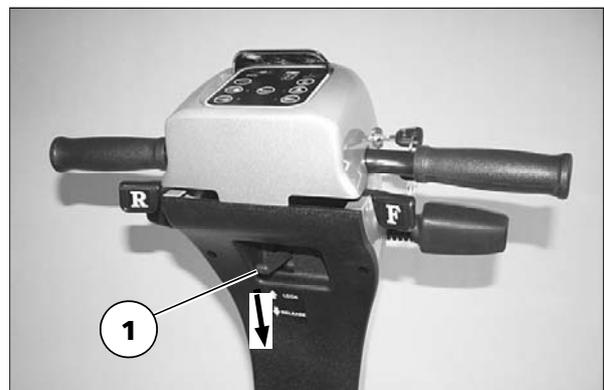
25



26



27



28

Disassembling the *SCOOTER*

The *SCOOTER* can also be disassembled into several components as follows for the transport in a small vehicle (fig. 29).

① **Front basket**

☞ see section entitled < *Front basket* >

② **Seat**

☞ see section entitled < *Seat* >

③ **Rear panel**

☞ see section entitled < *Removing the batteries* >

④ **Batteries**

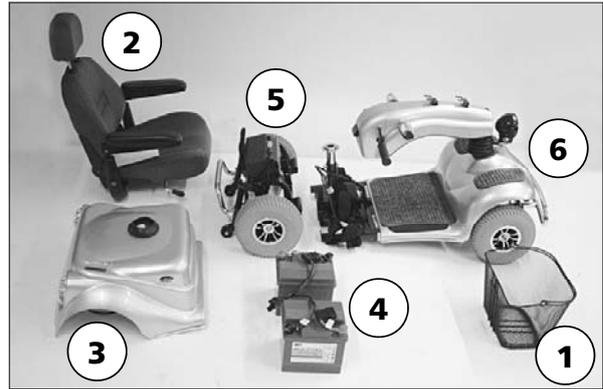
☞ see section entitled < *Removing the batteries* >

⑤ **Drive unit**

☞ see section entitled < *Removing the drive unit* >

⑥ **Front section**

☞ There are no tools required to take apart the *SCOOTER*.



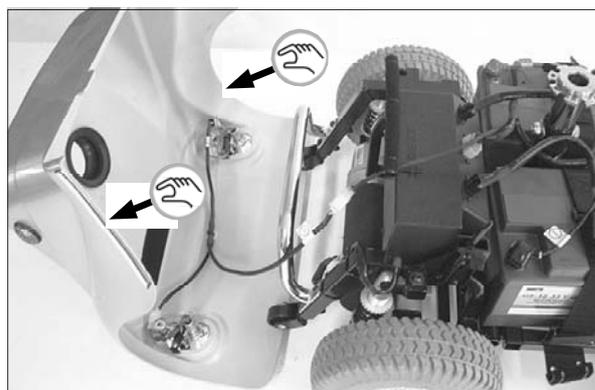
29

Removing the batteries

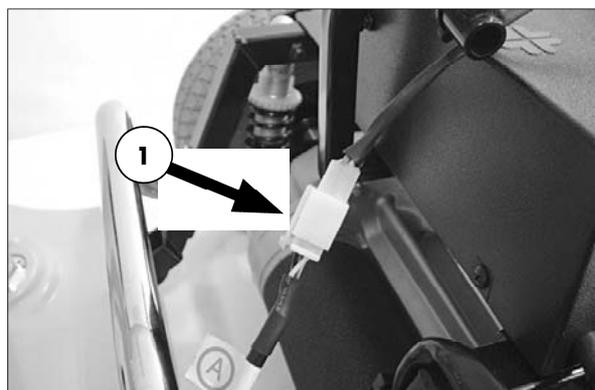
1. Switch off the *SCOOTER* and pull out the drive key.
2. Remove the seat (fig. 27). – For this activate the locking lever (fig. 26/ ①).
3. The ball grip of the selection lever has to be screwed off before removing the rear panelling is removed (fig. 30).
 - ☞ In order to prevent loosing the ball grip it should be replaced after the rear panel has been removed.
4. Lift the rear panel (fig. 31). – By careful lifting of the rear panel the corresponding velcro straps are opened.
5. Separate the plugged connections of the following electrical connections:
 - ☞ Rear lights connection (fig. 32/ ①). – Store the rear panel protected and secure.



30



31



32

- ☞ Left battery connection (fig. 33/ ②).
- ☞ Controller connection (fig. 33/ ③).
- ☞ Right battery connection (fig. 33/ ④).

☞ **Note:**

The plugged connections are secured by spring locks that have to be unlocked by pressing the upper ends together.

- ☞ To pull them off hold onto the connection plugs.

- Do not pull on the cables!

6. Open the velcro strap of the spanning belts of each battery (fig. 34).
7. Lift out the batteries (fig. 35).

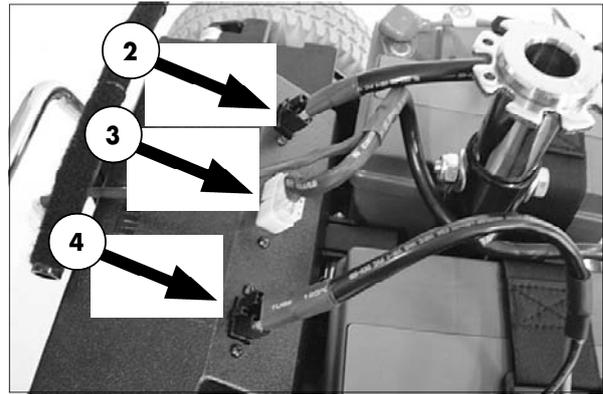
- ☞ Grab underneath the surrounding edge in order to lift out the batteries.

Removing the drive unit

1. First pull out the locking bolt (fig. 36/ ①) then place the now unlocked drive onto the ground.

☞ **Note:**

For easier unlocking the seat tube should be slightly lifted.



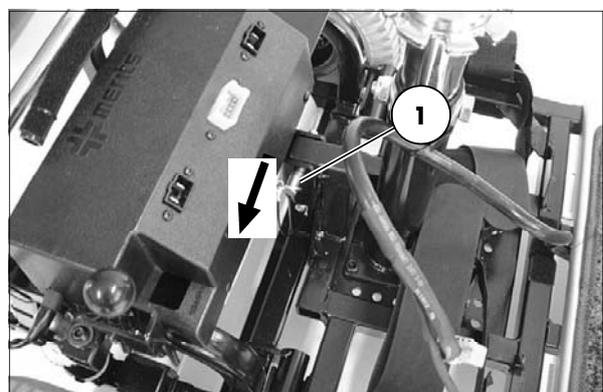
33



34



35



36

2. Set the selection lever to push mode. Afterwards lift the drive forward out of the holders on the side and push backwards (fig. 37).

Reassembly of **SCOOTER**-components

- ☞ Before assembly a visual check of the single components should be conducted for completeness and damages.

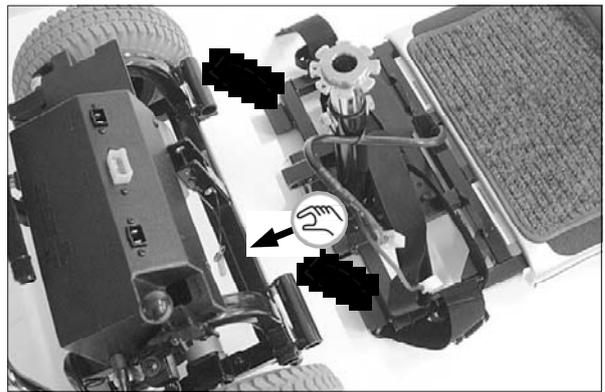
Here the following is to be observed closely:

- The brackets to receive the drive may not be bent.
- The locking bolt to attach the assembled front panel and drive are still on the safety wire.
- The connection cables are not damaged.
- The ball is screwed onto the selection lever.

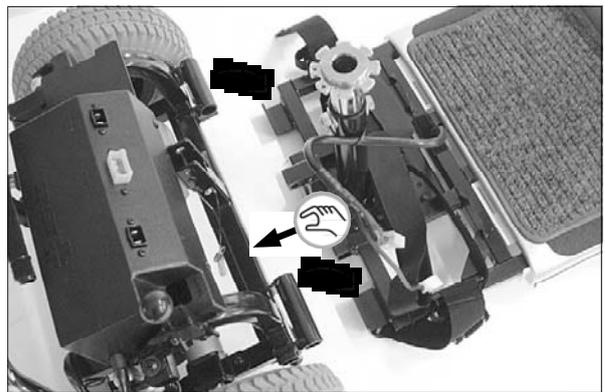
Attaching the drive unit

First set the drive to push mode.

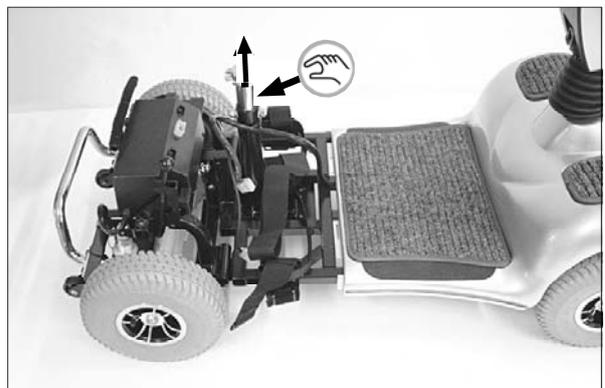
1. Place the retaining tubes of the drive onto the holders of the front section (fig. 38).
2. Lift the drive and the front section over the seat tube as far as possible (fig. 39).



37



38



39

3. Replace the locking bolt (fig. 40/ ①).

Caution:

- ! The locking bolt has to be visibly pushed through.

Mounting the batteries

Mounting is done in reverse order.

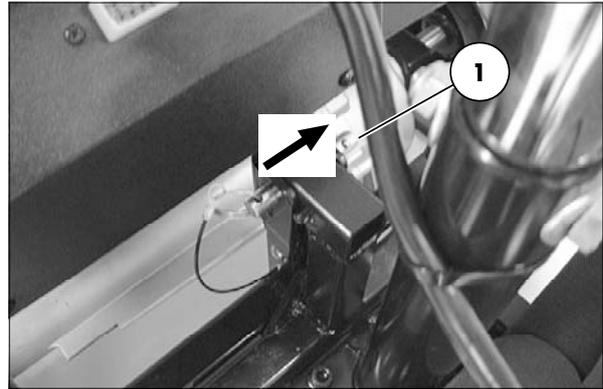
1. Set the batteries into the frame and secure them with the spanning straps (fig. 41).

Caution:

- ! Make sure that the cables are correctly routed when mounting the batteries.
 - Danger of cable damage.

2. Reconnect the plugged connections (fig. 42 + 43).

- ☞ The plugged connections have to engage while being connected.
 - Conduct a slight pulling test on the plug.



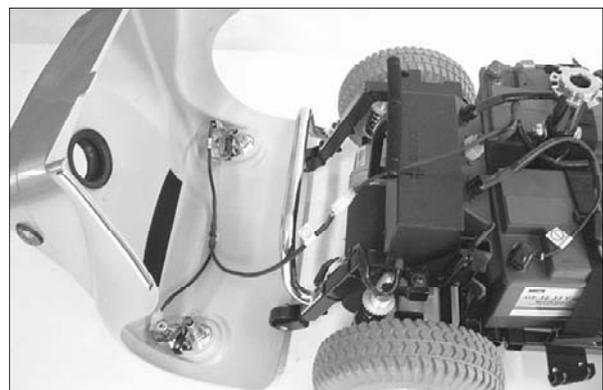
40



41



42



43

COMPONENTS

SEAT

Note:

The seat supplied may vary from the one shown in the illustration.

The seat (fig. 45) with padded arm supports is turnable, detachable and height-adjustable.



45

Turning the seat

The seat can be turned for an easier transfer to or from the seat.

After activating the release lever (fig. 45/ ①) the seat can be turned.

Note:

The locking device latches again automatically every 45°.



47

Detaching the seat

After activating the locking lever (fig. 45/ ①) the seat can be lifted (fig. 47).

Caution:

- ! Grab sideways under the seat surface in order to lift the seat.
- Do not use the arm supports to lift or carry the seat.

Attaching the seat

After activating the locking lever (2) the seat can be inserted into the seat tube.

Caution:

- ! Grab sideways under the seat surface in order to lift the seat.

After inserting the seat align it into driving direction and let the locking lever lock into place.

Note:

- Check the locking device of the seat.

Adjusting the seat height

The locking screw (fig. 49/ ①) of the seat pillar must be removed to adjust the seat height. The locking screw must be fitted again after the positioning of the seat pillar (fig. 49/ ①).

Arm support

Caution:

! Do not carry the seat on the arm supports.

Swivelling up the arm support

The arm support can be swivelled up for an easier transfer to/from the seat (fig. 50).

Adjusting the angle of the arm support

The angle of the arm support can be steplessly adjusted by adjusting the stopper screw (fig. 51/ ②).

☞ Therefore loosen the counter nut (fig. 51/ ③) first. After the angle adjustment retighten the counter nut.

Adjusting the height of the arm supports

The height of the arm support can be steplessly adjusted after loosening the clamping screw (fig. 52/ ④).

☞ Maximally lift the arm support upward up to the marker.

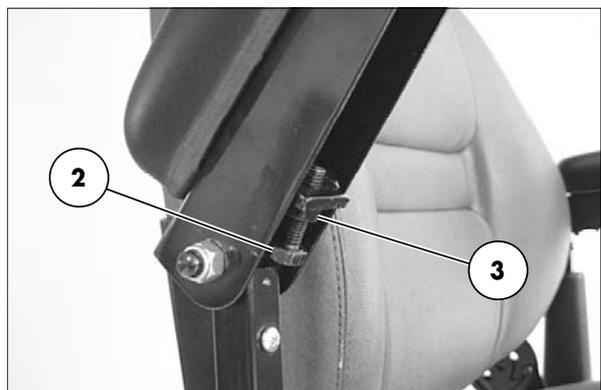
☞ After the height adjustment retighten the clamping screw.



49



50



51



52

Adjusting the seat width over the arm supports

The seat width can be steplessly adjusted by moving the arm supports after loosening the clamping screw (fig. 53/ ①).

- ☞ Maximally push the arm support outward up to the marker.
- ☞ After adjusting the arm support retighten the clamping screw on both sides.

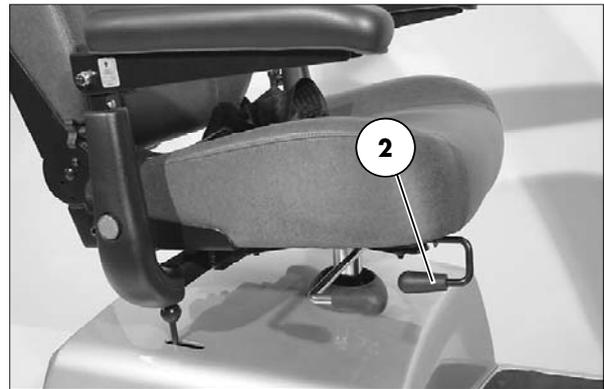


53

Adjusting the distance seat to tiller

After engaging the locking lever (fig. 54/ ②) the distance of the seat to the tiller can be adjusted.

- ☞ After adjusting the distance of the seat let the locking lever snap into place again.
- ☞ **Note:**
 - Check the locking device of the seat.



54

Back support

The back support can be folded down onto the seat surface (fig. 55).

To raise the back support swivel it upward toward the back.

Adjusting the back support extension

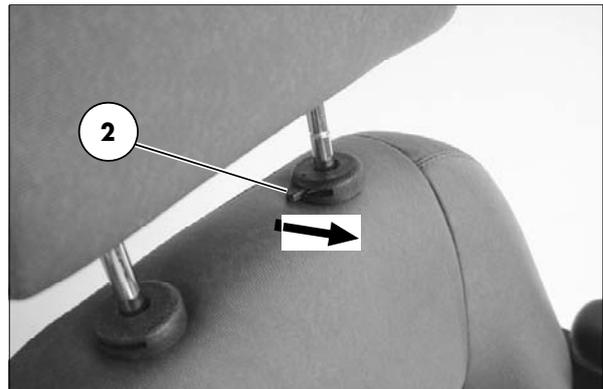
After engaging the locking spring (fig. 55/ ②) the extension of the seat can be adjusted.

☞ After adjusting the seat extension let the locking lever snap into place again.

☞ **Note:**
Check that it is secure.



55



55a

FRONT BASKET

The front basket can be lifted off upwards (fig. 56).

To replace the basket it is placed from the front onto the holder (fig. 57).

SUPPORT CASTORS

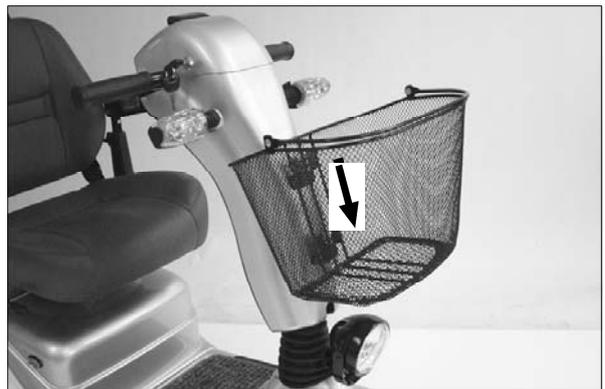
The anti-tip castors (fig. 58) increase the stability against tipping over to the rear when crossing an obstacle or driving on a rising gradient.

Caution:

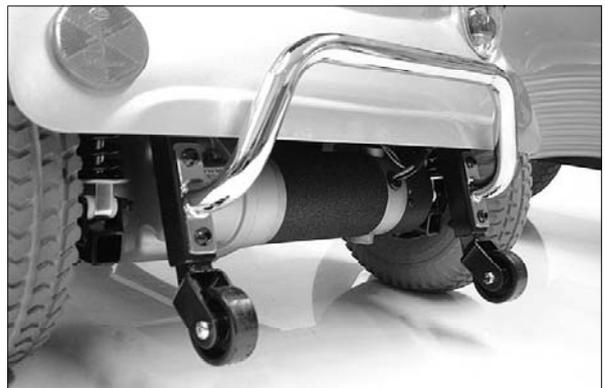
- ! Support castors do not provide sufficient protection against tipping over in certain situations.



56



57



58

OPTIONS

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

Note:

- Options not approved by us can cause fault conditions.
- No liability.

LAP BELT

The lap seatbelt serves as a safety seatbelt for the person sitting on *SCOOTER*.

- Additional stabilisation of the sitting position.
- Prevents the user from slipping forwards out of the seat (e.g. during abrupt braking).

The lap seatbelt is screwed onto the seat at the bottom.

Note:

The subsequent assembly of a lap seatbelt must be carried out by an authorised workshop!

Caution:

-  The lap seatbelt is not a part of the securing system for the *SCOOTER* or the person sitting in the wheelchair, during the transport in a disabled person transport vehicle.

Strapping on the lap belt with lock

- ▲ Pull both belt halves to the front and slide the catch halves together so that they latch together. Then carry out a pull test.

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

Putting on the lap seatbelt with velcro fastener

- ▲ Guide the belt end with the Velcro strip through the clasp and then close the Velcro fastener. Then carry out a pull test.

Caution:

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

Adjustment of belt length

Note:

The lap seatbelt should not be too tight.

SERVICE

As any other technical product, the *SCOOTER* also requires regular care and maintenance. The following care instructions and the maintenance manual describe the measures that are to be carried out so that the *SCOOTER* provides the following advantages even after a longer period of use:

- the safety for you and others,
- the operational readiness,
- the value conservation.

Note:

When participating in public traffic the driver is responsible for the functional- and operationally safe condition of the *SCOOTER*.

Insufficient or neglected care and maintenance of the *SCOOTER* leads to limitation of the manufacturer's liability.

Tyres:

With different tyre pressure of the wheels of one axle the *SCOOTER* pulls to one side and the straight course is restricted. A too low tyre pressure increases the rolling resistance and more energy is drawn from the batteries to propel the *SCOOTER*. Always inflate the tyres to the max. permitted tyre pressure but never exceed the max. permitted tyre pressure. But never exceed the max. permitted tyre pressure.

▲ Check the tyres regularly.

 Tyre pressure view chapter < *Technical data* >.

 Always protect the tyre valves against dust with the valve caps.

 Tread/condition: Worn tread impairs the driving behaviour.

 In case of a change of tyres: Always change the tyres of an axle in pairs.

CLEANING AND MAINTENANCE

Note:

-  Keep the lighting components clean at all times and check for correct functioning before each journey.
-  Do not clean the *SCOOTER* with a high-pressure cleaner!
– Danger of short circuit!
-  Keep water and moisture away from electrical components and cabling!
– Danger of damage to the electronic and the operating keyboard through water jets.
-  For care you should use silicon free cleansing or care agents on a warm water basis such as the *leather care emulsion* from *Sonax*. – 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

- 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.
- Follow-up with clean water and allow to dry.

Plastic parts

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.

Caution:

 The plastic panels are made of polystyrene and are affected by non-ionic tensides as well as through solvents and especially alcohol.

-  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.

An occasional slight greasing of movable parts (also view the maintenance manual) provides for a long functioning.

DISINFECTION

For disinfection you should use agents on a water basis such as *Terralin*, *Quartamon Med* or *Sagrotan Original Concentrate*.

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

☞ **Note:**

Before disinfection the upholstery and handles are to be cleaned.

REINSTALLMENT

Only the measures described in the < *Maintenance* > section of the corresponding service manual are necessary for the reinstallation.

REPAIRS

Trustfully contact your local specialist dealer or 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, service and repairs.

SPARE PARTS

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

The spare parts list with the respective part numbers and drawings is available at the specialist dealer.

Attention:

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

The vehicle identification number (Fz-I-Nr.) of the *SCOOTER* must always be stated when ordering spare parts in order to ensure that the correct spare part is supplied! You will find this on the type plate.

Whenever the *SCOOTER* is altered/modified by the authorised dealer, the supplementary information, e.g. assembly/operating instructions must be attached to the operating manual for the *SCOOTER* 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 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.
- ▲ The disposal must occur in accordance with the respective national regulations.
- ▲ Please enquire about local disposal arrangements at your municipal authority.

FUSES/CONNECTIONS

Main fuse

The mains fuse is located beneath the rear panel behind the batteries (fig. 58/ ①).

 **Note:**

Have a burnt fuse replaced by a specialist workshop.

Replace fuse

Before replacing fuses, park the *SCOOTER* on a level surface and engage the brakes to prevent it from moving. Switch off the *SCOOTER*.

- Separate the plugs of the electrical connections.

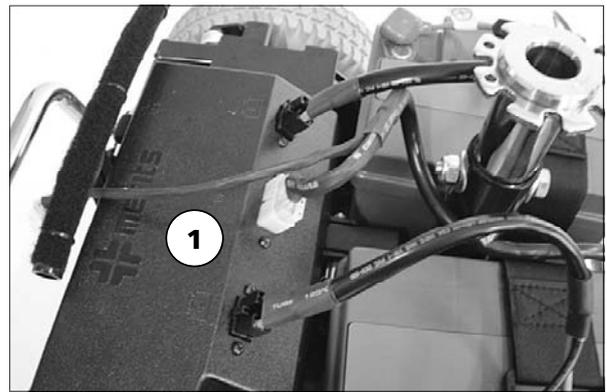
 **Note:**

The plugged connections are secured by spring locks that have to be unlocked by pressing the upper ends together.

-  To pull them off hold onto the connection plugs.

– **Do not pull on the cables!**

Always replace fuses with one of the same type!



58

 **Note:**

When the fuses blow again have the damage cause be repaired by and specialist dealer.

LIGHTING

Headlight setting

The headlights (fig. 59/ ①) should be set in such a way that the light cone is visible on the road. – The lower edge of the light cone should be set at distance of 3 meters to the front of the wheelchair.

Headlight setting

- Loosen the screwed connection (fig. 60/ ②) and
- set headlights.
- Retighten screwed connection.

Replacing defective filament bulbs

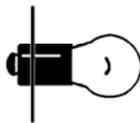
Before replacing a defective filament bulb switch the *SCOOTER* off and pull off the driving key.

Headlamps

Spherical bulb:
12 V / 15 W P26S

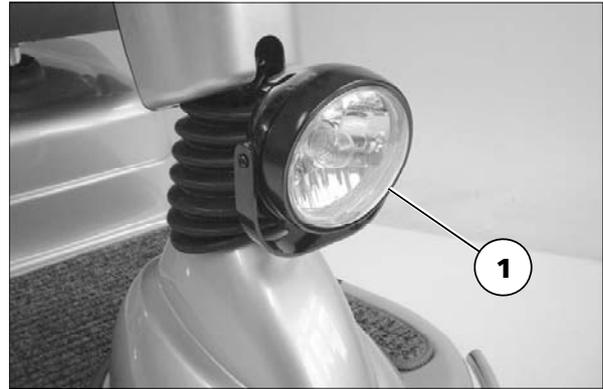
Tools:

Phillips screw driver



Note:

Use a dry cloth to hold the glass body of the new filament bulb.



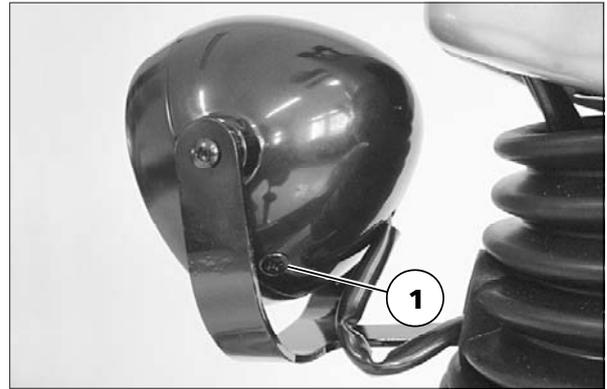
59



60

Removal

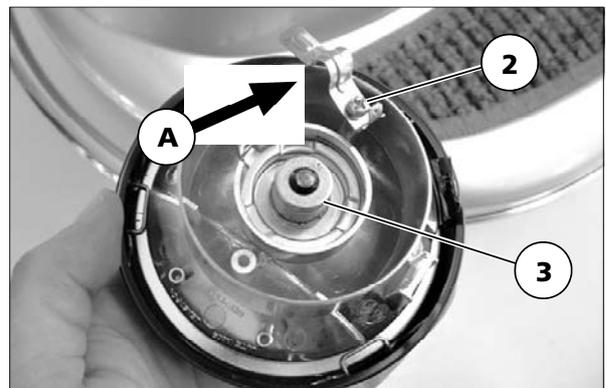
- Switch off the *SCOOTER*.
- Screw out the attachment screw (fig. 61/ ①) and remove the headlight (fig. 62).
- Pull the cable shoes off of the contacts (fig. 62).
- First loosen the attachment screw (fig. 63/ ②) and then lift off the contact spring and turn it to the side (fig. 63/ A).
- Remove defective filament bulb (fig. 63/ ③).



61



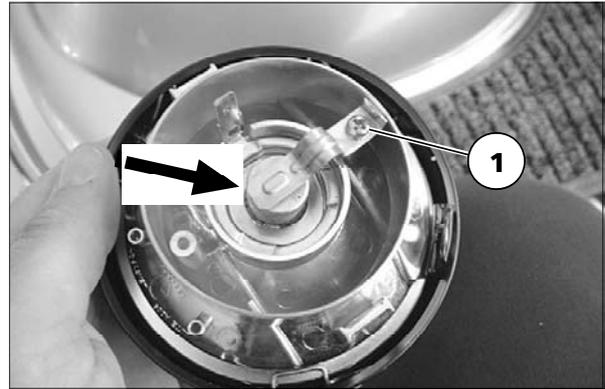
62



63

Mounting

- Insert the new filament bulb into the bulb holder.
- Lift the contact spring and swivel back to the contact of the filament bulb (fig. 64). Afterwards retighten the attachment screw (fig. 64/ ①).
- Push the cable shoes onto the contacts (fig. 65).
- Replace the headlight.
 - In doing so, first insert the headlight on the top (fig. 66) then press it on.
- Reinsert and tighten the attachment screw (fig. 67/ ①).
- If necessary readjust the headlight.



64



65



66



67

Front indicator

Spherical bulb:
12 V / 10 W BA15s



Note:

Use a dry cloth to hold the glass body of the new filament bulb.

Removal

- Switch off the *SCOOTER*.
- Loosen securing screw (fig. 68/ ①) and remove lens (fig. 69).
- Press the faulty spherical bulb slightly inwards, turn and remove from the socket.

Mounting

- Insert the new spherical bulb (fig. 69). – For this push the sideward pin (bayonet-catch) into the recess of the bulb holder, press and turn lightly against the spring until the bayonet-catch snaps into place.
- Mount the lens. – Press in the lens and fasten it with the securing screws (fig. 68/ ①).



68



69

Rear light

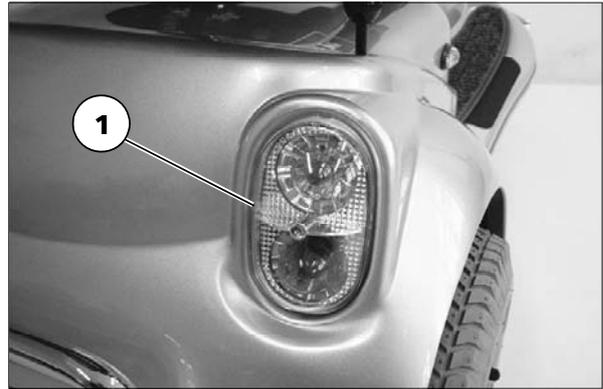
The taillight (fig. 70/) ha to be removed before the rear turning signal can be replaced.

Note:

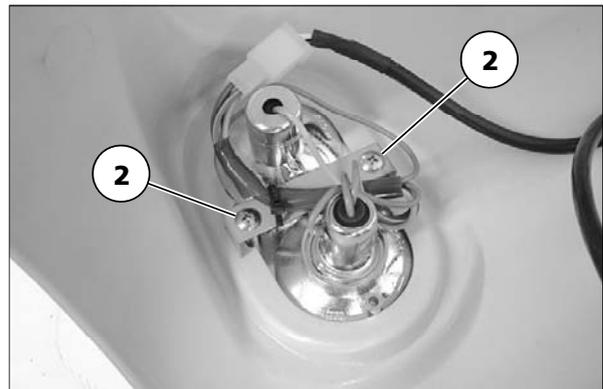
For this we recommend to contact a specialist workshop.

Removal

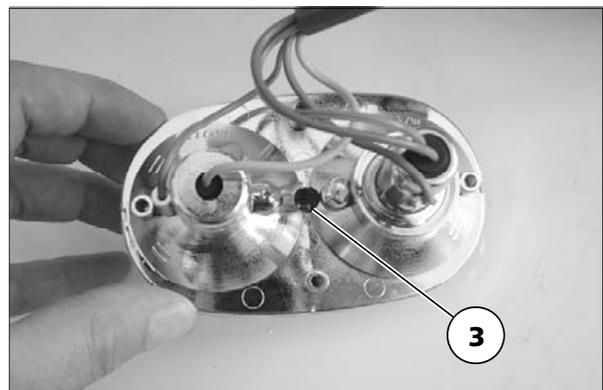
1. Switch off the *SCOOTER*.
 2. Remove the seat and rear panel and disconnect the plugged connections of the electrical connection for the taillights.
-  Therefore view chapter < *disassembling the scooter into its components- removing the batteries* >.
3. Unscrew the attachment screws of the clasp (fig. 71/ ②) and remove the taillight (fig. 72).
 4. Unscrew the attachment screw of the dispersion disc (fig. 72/ ③).
 5. Press down the spring lock with a small screwdriver (fig. 73) and pull out the dispersion disc toward the front.



70



71



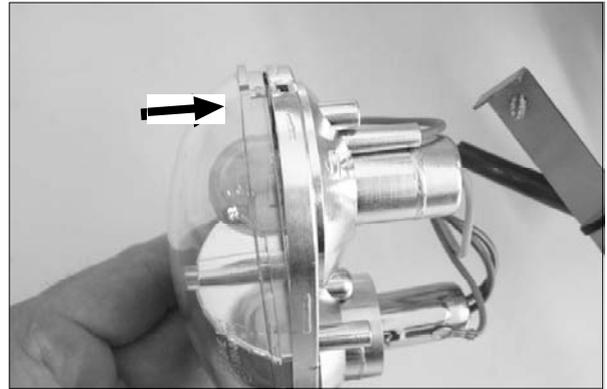
72



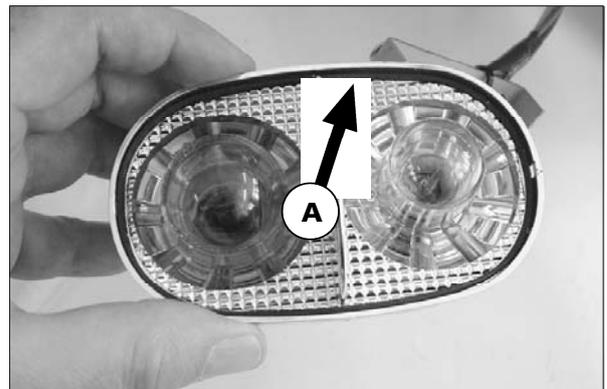
73

Mounting

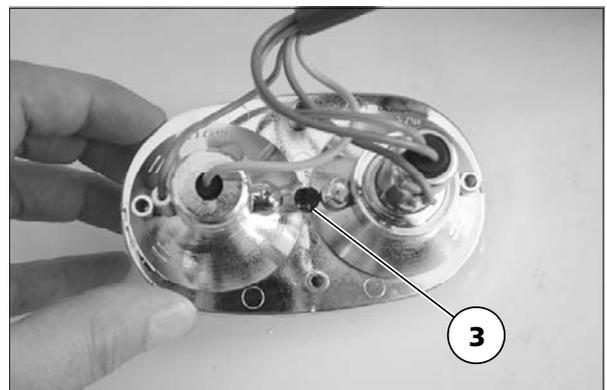
1. Insert the dispersion disc into the lamp housing (fig. 74) and press until the spring lock audibly engages.
 - ☞ Check for the correct position of the circumferential gasket (fig. 75/ A).
 2. Tighten the attachment screw of the dispersion disc (fig. 76/ ③).
 3. First insert the taillight into the rear panel, and then screw on the clasp with the attachment screws (fig. 77/ ②).
 4. Connect the plugged connections of the electrical connections for the taillights and mount the rear panel and seat.
- ☞ Therefore observe chapter < *disassembling the scooter into its components- removing the batteries* > in reverse order.



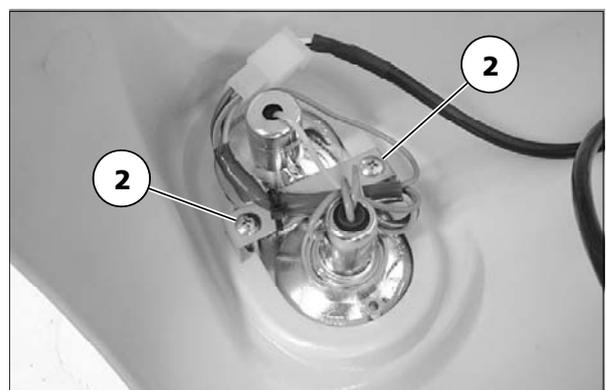
74



75



76



77

Rear indicator

Spherical bulb:
12 V / 10 W BA15s



Note:

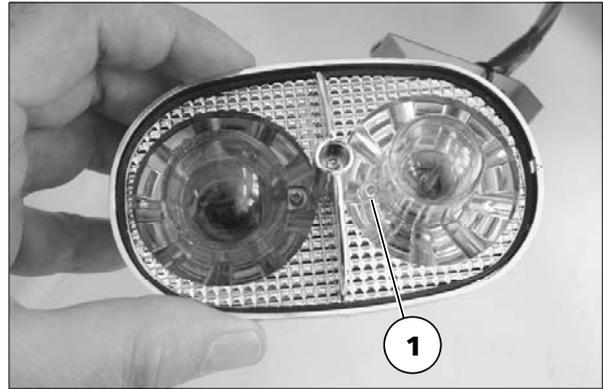
Use a dry cloth to hold the glass body of the new filament bulb.

Removal

-  Previously observe chapter < *Rear light – disassembly* >.
- Loosen securing screw (fig. 78/ ) and remove lens (fig. 79).
- Press the faulty spherical bulb slightly inwards, turn and remove from the socket.

Mounting

- Insert a new spherical bulb. – For this push the sideward pin (bayonet-catch) into the recess of the bulb holder, press and turn lightly against the spring until the bayonet-catch snaps into place (fig. 79).
- Mount the lens. – Press on the lens and screw it on (fig. 78/ ) .
-  For further assembly observe the chapter < *Rear light – assembly* >



78



79

Back light

Spherical bulb:
21/5 W 12 V BAY15D



Note:

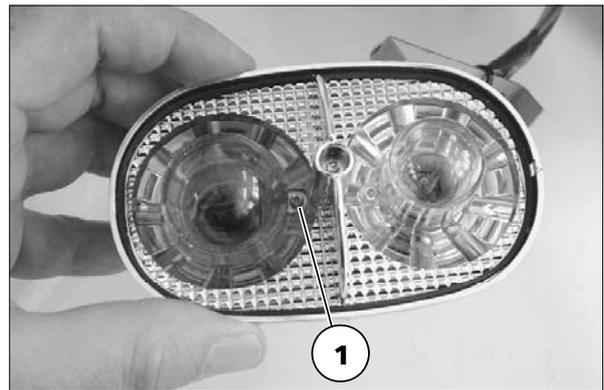
Use a dry cloth to hold the glass body of the new filament bulb.

Removal

-  Previously observe chapter < *Rear light – disassembly* >.
- Loosen attachment screw (fig. 80/ ) and remove the dispersion disc (as in fig. 81).
- Press the faulty spherical bulb slightly inwards, turn and remove from the socket.

Mounting

- Insert a new spherical bulb. – For this push the sideward pin (bayonet-catch) into the recess of the bulb holder, press and turn lightly against the spring until the bayonet-catch snaps into place (as in fig. 81).
- Mount the lens. – Press on the lens and screw it on (fig. 80/ ) .
-  For further assembly observe the chapter < *Rear light – assembly* >



80



81

WHEEL CHANGE

A wheel/tyre change requires technical knowledge. You should therefore have this work carried out by a specialist workshop. Sitting on the *SCOOTER* during a wheel change is not permitted. The *SCOOTER* must stand on a level and firm surface. Before removing a wheel, safely prop up the chassis and prevent the *SCOOTER* from tipping or moving.

Always change tyres in pairs. Two tyres with different wear impair the straight-on travel of the *SCOOTER*.

Caution:

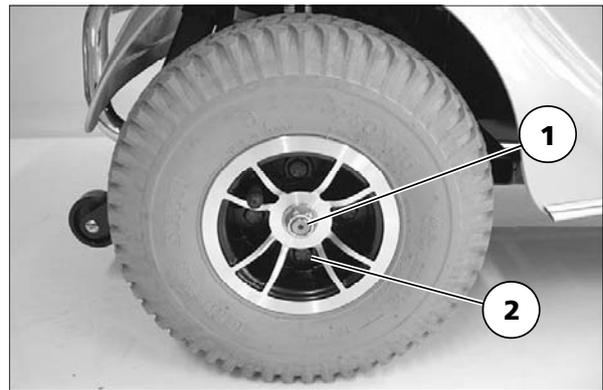
- ! Never loosen the connection screws of the rim halves (fig. 82/ ②) to disassemble the wheel.
 - Danger of injury!

Detaching the drive wheels

Before replacement or repair the drive wheel is to be disassembled by unscrewing the centre hexagon nut (fig. 82/ ①).

Note:

- ☞ After attaching the drive wheel the centre hexagon nut (fig. 82/ ①) is to be screwed on tightly again.
- ☞ The valve points outwards.



82

Dismantling the steering wheels

Before replacement or repair the steering wheel is to be disassembled by unscrewing the centre hexagon nut (fig. 83/ ①).

Note:

 After attaching the steering wheel the centre hexagon nut (fig. 82/ ①) is to be screwed on tightly again.

 The valve points outwards.

Changing the tyres

Caution:

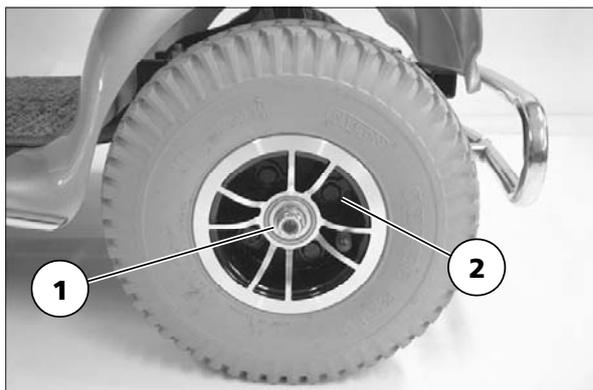
- ! The screws at the outer edge of the wheel rim (fig. 82+83/ ②) hold together the rim halves and must not be loosened until the tyre is fully deflated.

– Danger of injury!

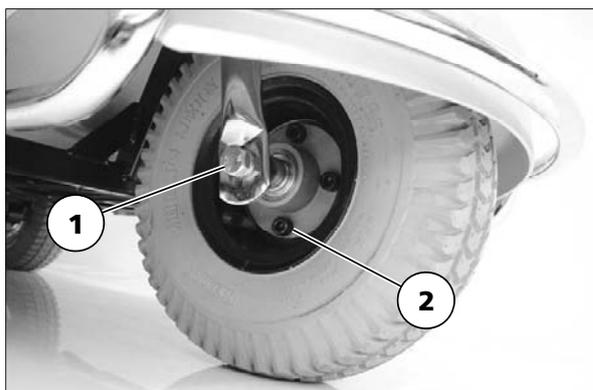
To exchange the tyre deflate it completely then remove the screwed nuts of the rim (fig. 82+83/ ②) and separate the rim halves.

Note:

The screwed nuts are located on the opposite side to the valve.



83 – 4-wheel



83 – 3-wheel

INFORMATION FOR THE AUTHORISED DEALER

A service manual containing a check list for the annual inspection is available on request.

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

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

Note:

They do not give information about the actual extent of work required on the *SCOOTER*.

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

Programming the driving behaviour

The driving behaviour of the *SCOOTER* can be adjusted through the programming device.

 Therefore observe the respective < *Service manual* >.

The driving features of the *SCOOTER* should be adjusted to the individual requirements and the learning process of the respective user at regular intervals.

In doing so the driving experience, the physical limits of the user and the main field of operation must be considered:

- ▲ When programming the delay value it is to be observed that on the one hand hard braking can endanger the driver on the hand the braking distance may not exceed 1.0 m at 6 km/h and 2 m at 10 km/h (according to EN 12184).
- ▲ 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.

Driving parameter

By setting the parameters the driving characteristics of the *SCOOTER* are defined.

☞ Therefore observe the respective < *Service manual* >.

Standard settings

The parameter values in the following table are selected so that the inspection requirements of the *CE* certification are fulfilled. Programming that differs from these requirements might not fulfil the regulations.

Independent of this the safety of the *SCOOTER* and especially the driver must be guaranteed after a change of the parameters.

☞ Note:

☞ All changes to the parameters underlie solely the responsibility of the person making the modifications.

☞ It is possible to set dangerous parameters.

☞ Possible danger of tilting in curves.

Standard programming

Settings for 6 km/h / 10 km/h / 12km/h	Fast	Slow
Acceleration speed forward	25 / 25 / 25	25 / 25 / 25
Deceleration speed forward	10 / 12 / 14	10 / 12 / 14
Acceleration speed backwards	50 / 50 / 50	50 / 50 / 50
Deceleration speed for backwards	30 / 20 / 18	30 / 20 / 18
Max. forward speed	45 / 75 / 90	45 / 75 / 90
Max. backward speed	30 / 35 / 40	30 / 35 / 40

MAINTENANCE

The following maintenance Instructions give you a guide for carrying out the maintenance work.

Attention:

- ! Maintenance work as well as refitting and adjustments on the *SCOOTER* are only to be conducted with the *SCOOTER* switched off!
- When working on the electrical equipment the driving key is additionally to be pulled out! – Accident risk resulting from inadvertent movement of the wheelchair!

Inspection

For safety reasons and to prevent accidents which can result from wear not detected in good time, an annual inspection is necessary in the case of normal operating conditions.

Have this work carried out by a specialist workshop in order to ensure that the *SCOOTER* offers the highest level of safety and reliability. The employee of the specialist workshop knows the technique of the *SCOOTER* and has appropriate tools. They can identify the start of wear in good time and use only original spare parts.

Note:

Shorter intervals for brakes and chassis checks are recommended in the case of severe operating conditions, e.g. daily driving on uphill/downhill gradients or use by a nursing service – with frequently changing users.

Insufficient or neglected care and maintenance of the *SCOOTER* leads to limitation of the manufacturers liability.

Caution:

- ! When participating in public traffic the driver is responsible or the functional- and operationally safe condition of the *SCOOTER*.

Maintenance instructions

WHEN	WHAT	REMARK
Before starting out	<p>Test brakes for faultless operation</p> <p>Put the drive/push mode selection lever into the drive mode position. It should now be impossible to push the vehicle. If this is not the case, have the magnetic brakes repaired by a specialist workshop.</p>	<p>Carry out test yourself or with a helper.</p> <p>Observe safety regulations < <i>Electronic wheelchairs</i> > chapter < <i>Brakes</i> >.</p>
Especially before driving in the dark	<p>Check the light- and indicator signal equipment for immaculate performance</p> <p>Switch on the control panel and check the functioning of the lights.</p>	<p>Observe safety regulations < <i>Electronic wheelchairs</i> > chapter < <i>Driving in public traffic</i> >.</p> <p>A rapid blinking of the warning light for indicator indicates a defective spherical bulb.</p> <p>Replacing defective filament bulbs view chapter < <i>Lighting</i> >.</p>
Every 2 weeks (depending on distance covered)	<p>Check the tyre pressure</p> <p>Tyre pressure – view chapter < <i>Technical data</i> >.</p>	<p>Do it yourself or with the aid of a helper. Use a tyre gauge, if you do not have one, use the „thumb pressure method“.</p>

Maintenance instructions

WHEN	WHAT	REMARK
<p>Every 6-8 weeks (depending on distance covered)</p>	<p>Wheel attachments Screws and nuts are to be checked for tight fit</p>	<p>Securely tighten any loosened wheel nuts or screws and retighten again after 10 operating hours or resp. 50 km.</p>
<p>Every 2 months (or more frequently depending on driving distance performance and ambient temperature)</p>	<p>Check the tyre tread Minimal profile depth 1 mm.</p> <p>Visual check</p> <ul style="list-style-type: none"> – Check the frame, add-on components and accessories for damage, corrosion and damaged paintwork. – Check the condition and fastening of electric cables and connections. 	<p>Carry out visual check yourself.</p> <p>Use the services of a specialist workshop to correct insufficient tyre tread or tyre damage.</p> <p>Do it yourself or with the aid of a helper.</p>

Maintenance instructions

WHEN	WHAT	REMARK
<p>Every 2 months (or more frequently depending on charging frequency and ambient temperature)</p>	<p>Battery maintenance <u>Sealed batteries:</u> – no maintenance</p>	<p>Observe the chapter < <i>Batteries</i> >.</p>
<p>Every 6 months (depending on frequency of use)</p>	<p>Check: Cleanness General condition</p>	<p>Do it yourself or with the aid of a helper. Observe the following sections: > <i>Cleaning and maintenance</i> > <i>Disinfection</i> > <i>Repairs</i> > <i>Batteries</i></p>
<p>Every 12 months Manufacturer recommendation</p>	<p>Safety inspection – Vehicle – Battery charger</p>	<p>To be carried out by the specialist dealer. Observe the chapter < <i>Maintenance</i> >.</p>

Fault correction

Fault	Cause	Remedy
The battery indicator on the control panel does not light up after the switch-on.	Main fuse is defective.	Have it repaired by a specialist workshop.
Indicator gauge for operational readiness (status) blinks after activation.	Malfunction in the electronics.	Have it repaired by a specialist workshop.
	Accelerator lever moved too early.	Switch on the <i>SCOOTER</i> again.
	The selection lever drive/push mode is set to push mode.	Switch the brake release lever to drive mode.
Lighting not active.	Filament bulb defective.	Replace defective filament bulb.
Rapid blinking of the warning light for indicator.	Spherical bulb defective.	Insert a new spherical bulb.
The <i>SCOOTER</i> does not start off.	The drive mode has not been selected.	Turn the driving key to the drive mode position.

TECHNICAL DATA

KILOMETRIC PERFORMANCE

Kilometric performance 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 20 °C.
- 100 % rated battery capacity as per the DIN standards.
- new condition of the batteries with more than 5 charging cycles
- Norm weight of 75 kg.
- No repeated acceleration.
- Level, firm driving surface.

The kilometric performance is greatly reduced by:

- frequent uphill driving,
- poor battery charge condition,
- low ambient temperature (e.g. in winter)
- frequent acceleration and braking (e.g. in city traffic)
- old, sulphated batteries.

In practical use, the kilometric performance under 'normal conditions' is then reduced to approx. 40 % of the nominal value.

Hill climbing ability

Refer to the technical data for the permitted values for driving on gradients.

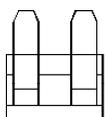
The system determined climbing ability of the *SCOOTER* is however larger since this capacity is to be provided for safe overcoming of obstacles.

Attention:

- ! The driving performance may exceed the safety limits.
- Gradients in excess of the permitted values (e.g. ramps) should only be driven when the wheelchair is empty!

FUSES

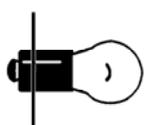
☞ Therefore observe chapter < *Fuses/connections* >.



Main fuse: 70 A

Charging/control system fuse: 10 A

LIGHTING



Headlight bulb: Filament bulb 12 V / 15 W P26S



Back light: Spherical bulb 21/5 W 12 V BAY15D



Front indicator: Spherical bulb 12 V / 10 W BA15S



Rear indicator: Spherical bulb 12 V / 10 W BA15S

TOOLS

The following tools are required for adjustments and maintenance:

Open-end or ring spanner WW* 10 / 13 / 17 / 19

Hexagonal stud wrench WW* 3 / 4 / 5

Phillips screw driver Size 0 / 1 / 2

Slot screw drivers Size small

*WW = Wrench width (mm)

MODEL 1.363 / 1.364

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

Dimensional tolerance ± 1.5 cm, $\pm 2^\circ$.

Model: Electronic-SCOOTER, model 1.363 (3-wheel) / 1.364 (4-wheel)

Type plate: at the seat brace

Class of use as per DIN EN 12184: Class C

Electrical system:

Drive control: 24 V / 120 A max.

Lighting: 12 V

Dimensions:

Length max. with basket (3-wheel/ 4-wheel): 125 / 130 cm

Length min. without basket (3-wheel/ 4-wheel): 125 / 130 cm

General width: 63 cm

Width over arm supports: 59 – 80 cm

Height: max. 121 cm

Seat height (adjustable): 45 – 52.5 cm

Seat height (manufacturers setting): 45 cm

Arm support height from upper edge of seat: 15 – 24 cm

Arm support height from upper edge of seat (manufacturers setting): ... 15 cm

Seat depth: 43 cm

Seat width: 45 – 66 cm

Seat width (manufacturers setting): 45 cm

Seat inclination: 3°

Back support height: 43 cm (with extension 59 - 66 cm)

Drive wheel (pneumatic tyres, 3.5 bar max.= 50 psi): 3.00-4 = \varnothing 26 cm

Steering wheel (4-wheeler, pneumatic tyres,

2.0 bar max. = 29 psi): 3.00-4 = \varnothing 26 cm

Steering wheel (3-wheeler, pneumatic tyres,

3.0 bar max. = 43 psi): 3.00-4 = \varnothing 26 cm

Transport dimensions:

Length without basket (3-wheel/ 4-wheel): 125 / 130 cm

Width without seat: 63 cm

Height up to folded-over steering column (without basket,

without seat): 65 cm

Ambient temperature: -20°C to $+40^\circ\text{C}$

Storage temperature: -25°C to $+50^\circ\text{C}$

Batteries:

Sealed drive batteries: 2 x 12 V 38 Ah – 5 h / 45 Ah – 20 h
Max. battery dimensions (LxWxH): 21 x 17 x 17 cm

Range:

with 38 Ah – 5 h / 45 Ah – 20 h - batteries: up to 35 km

Battery charger:

Charging current (depending on battery capacity [Ah]): max. 6 A

Performance:

max. driving speed: 12 km/h

Motor–continuous power rating: 400 Watt

Motor–peak capacity: 1600 Watt

Climb-in height: 17 cm

Ground clearance: 10 cm

Max. obstacle height upwards: 10 cm [8 cm]

Max. obstacle height downwards: 10 cm

Turning radius (3-wheel/ 4-wheel): 110 / 150 cm

Turning area (3-wheel/ 4-wheel): 140 / 180 cm

Technical inclination ability (user weight of 75 kg): 15° (27 %)

Technical inclination ability (max. user weight): 11.5° (20 %) [10° (18 %)]

Permissible rising/falling gradient: 10° (18 %) [7° (12 %)]

Max. permissible transverse gradient: 10° (18 %) [7° (12 %)]

Stability against tipping over: 15.5° (28 %)

Weights (basic equipment 3-wheel / 4-wheel):

Max. permissible total weight: 260 kg

Max. permissible user weight: 130 kg [150 kg]

Max. loading in front basket: 10 kg

Max. front axle load: 70 kg

Max. rear axle load: 190 kg

Empty weight: approx. 97 kg / 105 kg

Component rear section (without batteries): 23 kg

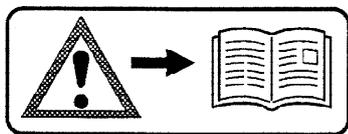
Component front section: 24.5 kg / 33 kg

Component seat: 17 kg

Batteries: 2 x 15 kg

The values indicated in brackets [] are valid for increased user weight of more than 130 kg up to 150 kg and are not within the norm EN 12184.

STICKERS ON THE SCOOTER

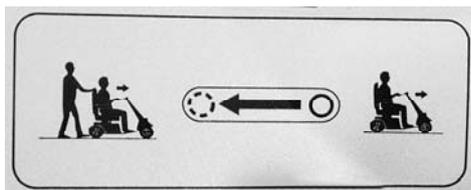


Caution:

! Read the operating manuals and other provided documentation.



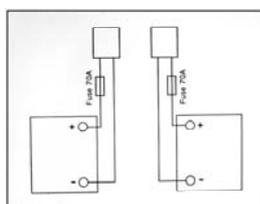
Only switch to push mode on level surfaces.



Switching from drive mode into push mode



Do not lift on the arm supports.



Battery connection plan

SYMBOLS



The arrow with the hand shows to areas where you should touch.

INSPECTION CERTIFICATE

Vehicle data:

Model:

Delivery note no.:

Vehicle identification No.

Pre-delivery inspection

Stamp of specialist dealer:

Signature: _____

Place, date: _____

Next safety inspection in 12 months

Date: _____

Recommended safety inspection (at least every 12 months)

Stamp of specialist dealer:

Signature: _____

Place, date: _____

Next safety inspection in 12 months

Date: _____

Recommended safety inspection (at least every 12 months)

Stamp of specialist dealer:

Signature: _____

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**Recommended safety inspection
(at least every 12 months)**

Stamp of specialist dealer: _____

Signature: _____

Place, date: _____

Next safety inspection in 12 months

Date: _____

GUARANTEE

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

- **4 years** for frame.
- **2 years** on the electronic and vehicle parts.
- **1 year** on batteries.

We reserve the right to make technical improvements.

In the case that you find fault in this product or parts thereof, return the following guaranty slip under statement of the reasons for your complaint.

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

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

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

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

Attention:

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

Note:

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



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

GUARANTEE NOTE

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

Guarantee

Model designation:

Delivery note no.:

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

Date of delivery:

Stamp of the dealer:



□ Your specialist dealer: □



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