

BLIMO MOTO

USER MANUAL



BLIMO
HJÄLPMEDEL

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VEHICLE OVERVIEW



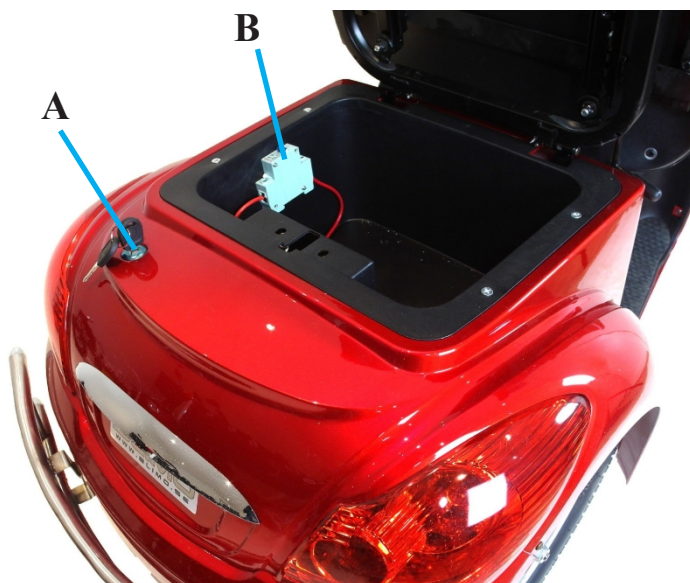
BEFORE USING YOUR

When your Blimo Moto is delivered, it is mostly assembled. The box in which the vehicle is delivered can be folded up and stored if you ever need to ship the vehicle somewhere in the future. The box also provides good protection for long-term storage.

MAIN POWER SWITCH

Before you can charge or drive the vehicle, the main switch under the vehicle seat must be in the "ON" position. To fold away the seat, use the vehicle ignition key in the keyhole **(A)** shown in the image on the right. Please note that the keyhole is partially hidden by the vehicle's rear basket. You will therefore need to look under the basket to access the keyhole.

Once the seat has been folded away, you will have access to the vehicle's storage space and the main switch **(B)**. Slide the button to the "ON" position to charge/drive the vehicle.



CHARGING THE BATTERIES

Your Moto is delivered with batteries that are approximately 50-80% charged. You can test the vehicle's functionality immediately upon delivery, **but before you start using it to its full potential, we recommend that you charge the batteries for at least 12 hours.** Charging is done by connecting the included charger to the socket **(A)** on the vehicle. After the first charge, it takes approximately 6-8 hours for the batteries to fully charge. Always charge the batteries after using your Blimo. The batteries should preferably not fall below 20% of their maximum capacity and should not be completely discharged. This can damage the cells and reduce the range; in the worst case, the batteries may even break.



TYRE PRESSURE

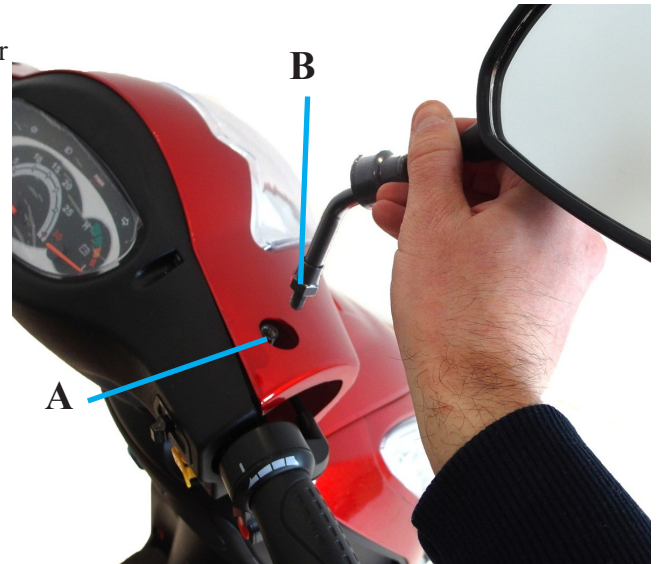
Ensure that you have the correct tyre pressure **of 3.0 BAR** (equivalent to 3.0 kg or 44 PSI) before you start using your mobility scooter. If the tyre pressure is too low, you can pump up the tyres at a petrol station. If you would like to have a hand pump at home, you can find a suitable one at your nearest bicycle shop. Ask for a pump that can handle a so-called "car valve". Get into the habit of checking the tyre pressure regularly (approx. once a month) as low tyre pressure significantly reduces the range.

INSTALLING REAR-VIEW MIRRORS

There are two threaded holes **(A)** on the vehicle's handlebars for mirrors.

1) Start by screwing the rear-view mirrors in place by hand as far as possible.

2) Once the rear-view mirrors are securely attached, angle the mirror to the correct position and then secure it with the lock nut **(B)** located on the rear-view mirror arm. Turn the lock nut **clockwise** with a spanner so that it is pressed down against the handlebar. This locks the rear-view mirror in the existing angle.

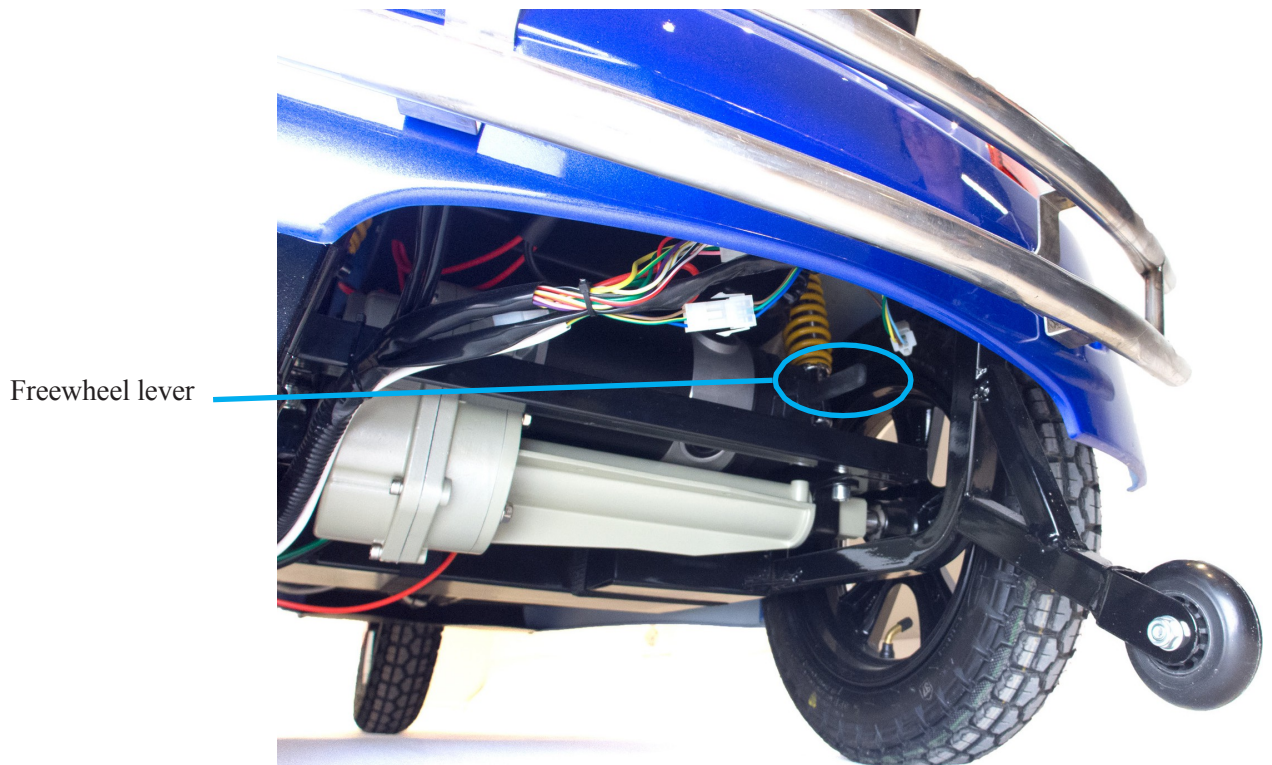


DISCONNECTION

If you ever need to move your Blimo without using motor assistance, you can put the vehicle in neutral. This is useful, for example, if you need to roll the vehicle onto a trailer, roll it into a storage room, or if you run out of battery power and need to roll the vehicle home without the brake being activated.

To switch between neutral and drive mode, use a black rubber-coated lever located on the rear axle of the vehicle. The lever is located slightly inside the vehicle, behind the **right** rear wheel, and is black in colour. To put the vehicle in drive mode, pull the lever downwards. To switch to neutral mode, pull the lever upwards.

NOTE! The vehicle must be switched off and stationary when changing the lever position! It is usually easiest to access the lever by reaching through the wheel rim on the right rear wheel. If you start the vehicle while it is in neutral, a warning signal will sound.



BATTERIES AND CHARGER

BATTERIES

The batteries in your Blimo are maintenance-free, so they do not need to be topped up with battery fluid. However, it is important to keep the batteries fully charged as much as possible; the vehicle should be charged after each use. The batteries are best charged when 20% or more of their capacity remains. When the battery meter indicates that the battery level is low, you should charge the batteries as soon as possible. **NEVER completely discharge the batteries!**

Batteries start to wear out from the first time they are used, and thus lose range over time. The normal lifespan of a battery is from 6 months up to 3-4 years, depending on how they are used and cared for. Normally, a battery is replaced before it is completely worn out because the maximum range deteriorates over time. If you usually use the vehicle for short distances, it will take longer before you need to replace the batteries compared to someone who usually drives longer distances. **Keep in mind that the range deteriorates significantly when the temperature drops.** If the temperature of the batteries drops from, for example, 20 °C to 5 °C, the range is almost halved. We advise against using the vehicle when it is colder than -5 degrees.

When it's time to replace your batteries, it's important to purchase the correct model. Contact Blimo Hjälpmedel to get the right batteries!

CHARGING THE BATTERIES

When charging the batteries, the vehicle's ignition must be switched off. However, it is important that the main switch under the seat is switched on. Ensure that charging takes place in a dry environment and at above-zero temperatures. **The charger may be damaged if exposed to moisture!** Connect the charger to the charging port on the vehicle (see chapter "Vehicle overview"). The charger has diodes that indicate the charging status.

THE CHARGER

See the images below, which illustrate the charger from two different angles. On one short side of the charger there is a power switch **(A)** that needs to be set to position "1" in order for you to use the charger. When the charger is switched on and connected to a wall socket, this is indicated by a red LED **(B)** on the opposite short side of the charger. When the charger is connected to the vehicle, this is indicated by the LED

(C) lights up. When the batteries are charging, the LED **(C)** lights up orange. When the batteries are fully charged, the same LED **(C)** lights up green instead. When the charger is connected to the vehicle, it is normal for the fan **(D)** to hum to cool the charger. If the charger is not charging properly, the fuse **(E)** may need to be checked.



BATTERY CARE INSTRUCTIONS

- 1) Charge the batteries for at least 12 hours before using them for the first time.
- 2) Never charge the batteries for more than 36 hours at a time.
- 3) Never deep discharge the batteries, as this may damage or destroy them.
- 4) Always charge the vehicle if the battery capacity falls below 20%.
- 5) Charge the batteries after each drive.
- 6) Never store the batteries at sub-zero temperatures without fully charging them.
- 7) Never overheat the batteries; for example, avoid exposing them to direct sunlight.
- 8) Maintenance charge the batteries during long-term storage.

DRIVING YOUR BLIMO

Start by familiarising yourself with the instrument panel and controls on your Blimo. Below you will find a description of the functions of the various controls.

- | | |
|-----------------------------------|-------------------------|
| 1. Handbrake control | 10. Ignition lock |
| 2. Full/low beam control | 11. Horn |
| 3. Display (see points 13-19) | 12. Indicators |
| 4. Potentiometer, power control | 13. Battery indicator |
| 5. Accelerator control | 14. Thermometer |
| 6. Forward/reverse gear button | 15. Indicator lights on |
| 7. Quick control for engine power | 16. Speedometer |
| 8. Lighting on/off | 17. Odometer |
| 9. Horn | 18. Timer |
| | 19. Voltmeter |



When driving your Blimo, it is important that **the main switch** located in the storage compartment under the seat is turned on and that **the release lever** on the rear axle is in drive mode. You can then start the vehicle by turning the ignition switch **(10)** to "ON" (red symbol). When the vehicle is switched on, the display on the handlebars **(3)** lights up. Then select the direction of travel (forward or reverse) using the button **(6)**.

To accelerate your Moto, gently turn the right throttle lever **(5)**. When you want to stop the vehicle, simply release the throttle lever and the vehicle's automatic magnetic brake will be activated. The Moto is also equipped with an emergency brake lever **(1)**. When the vehicle is stationary, the automatic brake acts as a parking brake. This applies whether the vehicle is switched on or off.

If you want to limit the vehicle's acceleration and speed, press button **(7)** to switch to low mode. This reduces the scooter's top speed and gives it weaker acceleration. You can also adjust the motor power continuously by turning the potentiometer **(4)**. Throttling the motor power is useful when driving the vehicle in confined spaces, e.g. indoors. If you need to adjust your sitting position, you can move the seat forwards and backwards using the lever located on the right-hand side under the seat.

STEERING WHEEL LOCK, SEAT

STEERING LOCK

When your Moto is parked, the automatic parking brake is activated. This acts as an anti-theft device for the vehicle. To further protect the vehicle, the Moto is equipped with a steering wheel lock that you activate as follows:

1) Turn the vehicle's handlebars fully **to the right**.

2) **Press** the lock pin on the ignition lock with the key while turning the ignition key fully to the left. The steering wheel lock position is indicated by a padlock icon **(A)** as shown in the image on the right. The vehicle can now no longer be steered, making it more difficult to steal.

A



SEAT

To adjust the distance between the seat and the handlebars, you can slide the seat lengthwise. To do this, hold down lever **(1)** while sliding the seat forwards or backwards. If you wish to angle the backrest, pull the grey plastic lever **(2)**. The height of the armrests can be adjusted by turning the adjustment knob **(3)** located under each armrest. If you wish to adjust the height of the headrest, hold down the plastic button **(4)** located at the attachment point of the strut.

Behind the seat there is a tube designed for attaching accessories to your Blimo Moto Sport-950. Accessories include a basket, cane holder, trailer or luggage rack. Contact Blimo Hjälpmedel if you wish to order these separately!



INSURANCE AND FRAME NUMBER

Your Blimo does not require motor insurance to be driven. If you want to insure the vehicle against theft and damage, contact your home insurance company and inform them that you want to insure an **electric wheelchair**. In some cases, electric wheelchairs are included in the standard home insurance premium, while some companies charge an additional fee.

When you contact your insurance company regarding your BLIMO, you will normally be asked for the vehicle's frame number. The frame number **(A)** can be found on the white label

(B) next to the vehicle's charging port.



MAINTENANCE

Unlike combustion engines, electric motors do not require regular servicing. However, there are a few points that we recommend you check regularly to ensure the vehicle is functioning properly.

TYRE PRESSURE

It is important to always keep all of the vehicle's tyres well inflated. This reduces the risk of punctures and allows the vehicle to achieve a longer range. **The recommended tyre pressure is 3.0 BAR** on all tyres. Check the tyre pressure every month.

CLEANING

Clean the vehicle and seat regularly with a damp cloth. Avoid spraying water directly onto the vehicle as it may penetrate the electronics.

LONG-TERM STORAGE

If you are not going to use your Blimo for a long period of time, it is important to remember the following:

- 1) Store the vehicle in a dry environment.
- 2) Store the vehicle at above-zero temperatures, otherwise the batteries may freeze. If the vehicle is stored at sub-zero temperatures, it is very important to keep the batteries fully charged.
- 3) Charge the vehicle at least once a month.

It is also possible to remove the batteries from the vehicle during long-term storage. In this case, remember to connect a charger at regular intervals. It is possible to use a car battery charger (12V charger) and charge the batteries individually.

REMOVING THE BATTERIES

The batteries are located under the storage space beneath the vehicle seat. To remove the batteries, the black storage box must first be unscrewed:

1. Open the storage compartment under the seat.
2. Locate the Phillips screws that secure the black storage compartment.
3. Unscrew the screws and carefully lift out the storage compartment. You will need to pry slightly to get past the seat hinges.
4. Now you can see the two batteries and disconnect them.

TROUBLESHOOTING

Problem	Fault	Solution
Your BLIMO won't start. No lights are on on the handlebars.	Your Blimo is not switched on.	Check that the main switch under the seat is turned on and that the ignition is turned on. Charge your vehicle.
Your BLIMO cannot be driven. The battery indicator shows that there is power, and the vehicle beeps.	1. The motor is disengaged so that you can roll your BLIMO. If this is the case, the vehicle beeps in sequences of five beeps at a time. 2. The throttle has been turned too early. If this is the case, the vehicle will beep in sequences of six beeps at a time.	1. Switch off your BLIMO. Press down the release lever so that it is in drive mode. Restart your BLIMO. 2. Wait approx. 3 seconds after turning on the vehicle before accelerating.
Your BLIMO suddenly stops while driving.	Poor battery connection.	Check that the battery terminals are securely fastened and not loose. If the problem persists, contact your dealer.
Your BLIMO has a poor driving range per charge.	1. Tyre pressure too low. 2. The battery is charging too quickly.	1. Inflate the tyres to 3.0 bar. 2. Fully charge the battery. Drive on a hard surface without frequent starts and stops. If the problem persists, replace the battery.
Your BLIMO won't charge, but it can still be driven.	The vehicle's main fuse has blown, or a fuse in the charger has blown.	Replace the fuse in the charger. Contact us if the problem persists.
Your BLIMO is driving too slowly.	1. The BLIMO's low gear is activated. 2. The BLIMO's battery level is low.	1. Press the gear button for low/high mode 2. Charge your BLIMO.
A beeping signal sounds when the vehicle is started.	1. The vehicle is disengaged. (five beeps per sequence) 2. The throttle has been turned too early.	1. Check the release lever. 2. Wait three seconds or more from the time the vehicle is turned on before you start accelerating.

CONTACT

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RAM NUMBER

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Your Model

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