**Disclaimer**
The following online version of the Owner's Manual describes all models as well as all the standard and optional equipment of your vehicle. Country-specific differences in the language variants are possible. Note that your vehicle may not be fitted with all features described. This is also the case for safety-relevant systems and functions. Please contact your authorised Mercedes-Benz dealer if you would like to have a printed Owner's Manual for other vehicle models and vehicle model years. The online version is the current valid Owner's Manual version. Possible variations to your vehicle may not be taken into account as Mercedes-Benz constantly updates their vehicles and equipment to the state of the art and introduces changes in design and equipment.
Please also read the printed Owner's Manual, any supplementary documents and the digital Owner's Manual in the vehicle.

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Mercedes-Benz

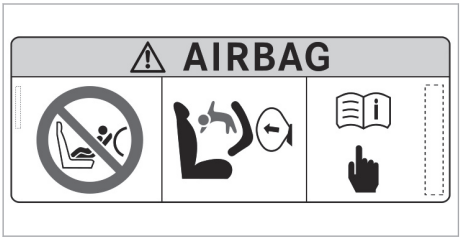



# Marco Polo

Supplement

Mercedes-Benz

## Front passenger airbag warning




**WARNING** Risk of injury or death due to an enabled co-driver airbag

If the co-driver airbag is enabled, a child on the co-driver seat may be struck by the co-driver airbag during an accident.

- NEVER use a rearward-facing child restraint system on a seat with an ENABLED FRONT AIRBAG. DEATH or SERIOUS INJURY to the CHILD can occur.

Observe the chapter "Children in the vehicle".

## Welcome to the world of Mercedes-Benz

Before you first outing in your new car, read this Supplement carefully and familiarise yourself with your vehicle. For your own safety and a longer service life of your vehicle, follow the instructions and warning notes in this Supplement. Disregarding them may result in damage to the vehicle or environment or in injuries to people.

The standard equipment and product description of your vehicle may vary, depending on the following factors:

- Model
- Order
- National version
- Availability

The illustrations in this Supplement show a left-hand drive vehicle. On right-hand-drive vehicles, the layout of vehicle components and control elements differs accordingly.

Mercedes-Benz is constantly improving its vehicles.

Mercedes-Benz therefore reserves the right to make changes in the following areas:

- Design
- Equipment
- Technical features

Your vehicle may therefore differ, in individual cases, from that shown in the descriptions and illustrations.

The following documents are integral parts of the vehicle:

- Digital Owner's Manual
- Printed Owner's Manual
- Service booklet
- Supplements

Always keep these documents in the vehicle. If you sell the vehicle, always pass all documents on to the new owner.

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In this supplement, you will find the following symbols:

**WARNING** Danger due to not observing the warning notices

Warning notices draw your attention to hazards that may endanger your health or life, or the health or life of others.

▶ Observe the warning notices.

**ENVIRONMENTAL NOTE** Environmental damage due to failure to observe environmental notes

Environmental notes include information on environmentally responsible behaviour or environmentally responsible disposal.

▶ Observe environmental notes.

**NOTE** Damage to property due to failure to observe notes on material damage

Notes on material damage inform you of risks which may lead to your vehicle being damaged.

▶ Observe notes on material damage.

ⓘ Useful tips or additional information that you may find helpful.

▶ Instructions

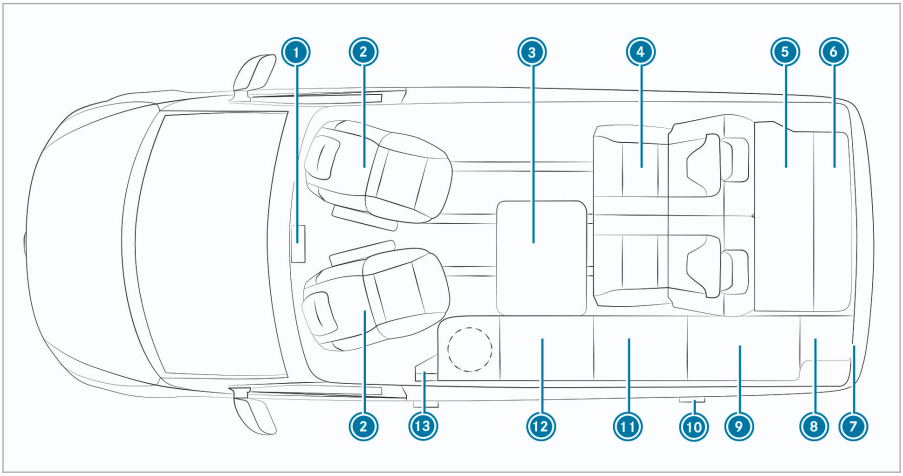
(⟶ Page) Additional information on a topic

Display Notification on the display

Highest menu level to be selected in the multimedia system

Corresponding submenus to be selected in the multimedia system

* Indicates a cause





| | | |
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## Environmental protection

**ENVIRONMENTAL NOTICE** Environmental damage due to operating conditions and personal driving style

The pollutant emissions of the vehicle are directly related to the vehicle's operation.

Operate the vehicle in an environmentally responsible manner to make a contribution to environmental protection. To do this, observe the following recommendations on operating conditions and your personal driving style.

**Operating conditions:**

- Make sure that the tyre pressures are always correct.
- Do not carry any unnecessary ballast (e.g. a roof luggage rack which is no longer needed, filled fresh water and gray-water tank).
- Observe the service intervals.
  A regularly serviced vehicle contributes to environmental protection.
- Always have maintenance work carried out at a qualified specialist workshop.

**Personal driving style:**

- Do not depress the accelerator pedal when starting the engine.
- Do not let the vehicle warm up while stationary.
- Drive carefully and maintain a sufficient distance to other vehicles.
- Avoid frequent, sudden acceleration and braking.
- Switch off vehicle during traffic-related waiting times, e.g. use ECO start/stop function.
- Drive in a fuel-saving manner. Observe the ECO display for a fuel-saving driving style.

## Supplement

This supplement describes all models, and standard and special equipment for your vehicle, as available at the time of the supplement going to print. Country-specific variations are possible. Please note that your vehicle may not be fitted with all functions described. This also applies for systems and functions relevant to safety. The equipment on your vehicle, therefore, may differ from that in some descriptions and illustrations.

The Owner's Manual, Supplement and Service Booklet are important documents and should be kept in the vehicle.

## Anti-theft protection

A visual and acoustic alarm is triggered if the primed interior protection detects motion in the vehicle interior (see vehicle Owner's Manual).

ⓘ Depending on the respective vehicle equipment, the interior protection is automatically deactivated temporarily if the stationary heater is switched on.

ⓘ When the pop-up roof is open, the interior protection remains deactivated until the pop-up roof is completely closed.

## What to do in the event of thunderstorms

During a thunderstorm, disconnect the 230 V power supply and other wiring and cable leads from the vehicle. This will help avoid possible damage from lightning or overvoltage.

In the case of a thunderstorm, carry out the following measures:

- Pull the power supply cable out of the vehicle socket and place it and the cable guide at least one metre away from the vehicle (⟶ page 46).
- Disconnect other wiring and cable leads from the vehicle and, if applicable, remove aerials or satellite receivers.
- Close the pop-up roof (⟶ page 12).
- Remain in the vehicle until the thunderstorm passes.

## What to do in the event of fire

### Safety instructions

In the event of fire:

- make sure that all occupants exit the vehicle
- if the situation permits, close the main shutoff valve on the gas cylinder and disconnect the 230 V power supply
- Warn other persons and alert the fire brigade
- Only fight the fire if it can be done without risk

### Precautions

Keep at least one 1 kg dry powder extinguisher readily available which has either been approved or is in accordance with the ISO 7165 standard.

Also equip your vehicle with a commercially available fire blanket for the gas stove.

Familiarise yourself with the instructions on the fire extinguisher and with the pertinent fire safety precautions at your parking location (campsite).

More detailed information can be found in the vehicle Owner's Manual.

## Information on travel tips

You can find checklists and helpful supplementary information on travel planning, where to stay overnight and other tips and tricks in the "Vans and camper van" section on your nation's Mercedes-Benz website[1] or from your national caravanning association.

## Driving abroad

Before embarking on a journey, enquire about specific requirements and regulations which apply to your vehicle for the countries in which you will be driving, for example:

- the required documents
- nationality plate (in the stipulated size)
- mains connector plugs if you wish to connect your vehicle to the mains
- maximum permissible speed
- places to park your vehicle overnight
- rules for overnight parking

## Winter operation

Your vehicle is suitable for use in winter under certain conditions. If you continuously heat the vehicle and leave the pop-up roof closed, the water supply system remains operational down to approximately −5 °C.

ⓘ If the above conditions are not met, you must empty the fresh water tank (⟶ page 41) and graywater tank (⟶ page 43) to avoid damage to the water supply.

Additional equipment for winter operation:

- Snow shovel
- De-icer
- Antifreeze
- Snow chains
- Jump lead

**In wintry parking conditions, Mercedes-Benz recommends the following:**

- Engage a gear and secure the vehicle against rolling away, e.g. with chocks.
- Never route the power supply cables on the ground. They could otherwise freeze to the ground.
- Keep the ground under the vehicle clear. Do not build a snow mound directly against the vehicle. Otherwise, the stationary heater cannot function properly (⟶ page 34).
- Ventilate the vehicle interior.

ⓘ In winter, ventilation is particularly important. The humidity caused by cooking, breathing, damp clothes and snow brought into the vehicle must be allowed to escape.
If necessary, use a commercially available dehumidifier.

While doing so, observe the following notes:

- Set up the dehumidifier on a stable surface.
- Make sure that children and animals cannot come into contact with the dehumidifier.
- The contents of the dehumidifier can be irritable to skin. Therefore, avoid contact with the eyes, open wounds and mucous membranes.
- Do not place the dehumidifier on surfaces made of leather, stainless steel or aluminium.

Read the instructions before using the dehumidifier.

[1] Not available in all countries

## Checklist before beginning a journey

**WARNING** Risk of injury due to objects being stowed incorrectly

If objects in the vehicle interior are stowed incorrectly, they can slide or be thrown around and hit vehicle occupants. In addition, cup holders, open stowage spaces and mobile phone brackets cannot always retain all objects they contain.

There is a risk of injury, particularly in the event of braking manoeuvres or abrupt changes in direction.

- Always stow objects so that they cannot be thrown around in such situations.
- Always make sure that objects do not protrude from stowage spaces, luggage nets or stowage nets.
- Close the lockable stowage spaces before starting a journey.
- Stow and secure objects that are heavy, hard, pointed, sharp-edged, fragile or too large in the load compartment.

Observe the notes on "Stowage facilities" (⟶ page 50)

Perform the following before starting a journey:

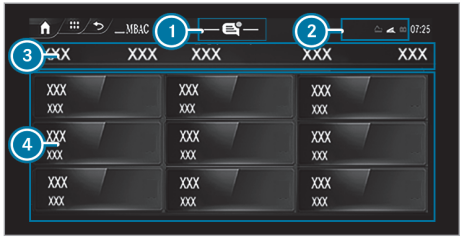
- Ventilate the vehicle before starting a journey.
- Move the front seat into the driving position (⟶ page 20).
- Open the roller sunblinds (⟶ page 18).
- Safely stow the sliding table (⟶ page 27).
- Move the seat/bunk combination into the area of protection (⟶ page 20).
- Fold down the bed extension (⟶ page 25).
- Safely stow the camping table and camping chairs (⟶ page 53).
- Fold down the covers on the kitchen unit (⟶ page 19).
- Close the refrigerator box (⟶ page 39).
- Close the main valve of the gas bottle (⟶ page 44).
- Close the roof stowage box (⟶ page 53).
- Close the pop-up roof (⟶ page 12).
- Disconnect the 230 V power supply (⟶ page 46).

## Overview of Mercedes-Benz Advanced Control

The supplement provides additional information for the "MBUX multimedia system" section in the Owner's Manual for the vehicle.

With Mercedes-Benz Advanced Control (MBAC), you can operate different applications in your camper van and submit status queries.

ⓘ Mercedes-Benz Advanced Control can be operated via the multimedia system on the Marco Polo menu or via a mobile device with the app installed.




1 Notifications menu
2 Symbol panel and warning messages
3 Main menus
4 Status overview and quick select

The following main menu tabs are available:

- Overview
- Living
- Lights
- Supply
- Vehicle
- Settings

ⓘ Notifications are displayed via the notifications menu and can be accessed via icon 1. New notifications are displayed with a blue dot on top of icon 1.

The menus available in the overview can be called up directly with the corresponding tile. You can switch the heating on or check fill levels on the menus, for example.

ⓘ Press the [↩] button to return to the previous display.

Once you have installed the MBAC app for Marco Polo, you can also operate the menus with your mobile end device. Some functions in the app may be unavailable or only partially available.

ⓘ To access the vehicle functions with a mobile device, connect the device to the vehicle via Bluetooth® (→ page 10).

Apple® iOS

Android™

## Sound system

### Connecting to the sound system via Bluetooth®

Multimedia system:

↪ Marco Polo ▸▸ Living ▸▸ Sound system

#### Connecting a mobile device to the sound system

▶ Switch on the Bluetooth® function on your mobile device (see the manufacturer's Owner's Manual).

▶ Select Bluetooth.
The status display in the function area will be coloured blue.

▶ Open the Bluetooth® menu on your mobile device (see the manufacturer's Owner's Manual).

▶ Select the sound system with the Bluetooth® name Jehnert-BT.

▶ Confirm any queries on your mobile device.
The mobile device will be connected to the sound system.

ⓘ The audio source and volume will be controlled via your mobile device.

### Adjusting the sound system

Multimedia system:

↪ Marco Polo ▸▸ Living ▸▸ Sound system

#### Adjusting the sound focus

▶ Select Driver.
The sound focus will be in the passenger compartment.

or

▶ Select Living area.
The sound focus will be in the living area.

- **Adjusting the bass:** adjust the bass with the ∧ and ∨ buttons.

## Displaying vehicle information

### Displaying bed dimensions

Multimedia system:

→ Marco Polo

- Press the symbol on the media display.
- Press the symbol on the media display.
- Select My Marco Polo.
  The bed dimensions will be displayed.

### Displaying the vehicle dimensions

Multimedia system:

→ Marco Polo

The vehicle dimensions can be accessed via the notification menu in MBAC.

- Press the symbol on the media display.
- Press the symbol on the media display.
- Select Side view.
  The length of the vehicle and its height with the pop-up roof extended will be displayed.

or

- Select Front/rear view.
  The width of the vehicle and its height with the pop-up roof retracted will be displayed.

### Displaying the outside temperature

Multimedia system:

→ Marco Polo ▶▶ Vehicle

- Select Outside temperature.
  The temperature outside the vehicle will be displayed.

## Connecting a mobile device to the vehicle via MBAC

**Requirements:**

- The MBAC app is installed on the mobile end device.
- The Bluetooth® function on the mobile end device is activated (see the manufacturer's Owner's Manual).

**First, connect your mobile device to MBAC**

- Select ▶▶ Settings ▶▶ Bluetooth on the Marco Polo menu in the multimedia system.
  The multimedia system will display the vehicle's Bluetooth® ID.
- On the mobile device, follow the steps in the MBAC app until the vehicle overview is displayed.
- In the vehicle overview, select the vehicle's Bluetooth® ID from the vehicle list.
- Select Connect new device in the multimedia system.
  The authorisation PIN for the MBAC app will be displayed in the multimedia system.
- Enter and confirm the authorisation PIN on your mobile device.
  Data transfer between the vehicle and your mobile device will be started.
- Once the data transfer is complete, confirm it on your mobile device.
  You can control various vehicle functions via the MBAC app on your mobile device.

ⓘ Following initial setup, your mobile device will automatically connect to the vehicle.
If the vehicle does not automatically connect to your mobile device (e.g. after you have manually disconnected the mobile device from the vehicle), select the corresponding vehicle Bluetooth® ID in the MBAC app and reconnect.

**Disconnecting or deleting the connection on your mobile device:**

- In the MBAC app under My settings, select the My vehicles menu item and delete the corresponding Bluetooth® ID.
- Follow the instructions on your mobile device.

**Disconnecting or deleting mobile devices in the multimedia system:**

- Select Settings ▶▶ Bluetooth on the Marco Polo ▶▶ menu in the multimedia system.
- Press the symbol on the media display. The My devices menu will appear.
- Delete the desired device or select De-authorise all devices.

**Bluetooth® connection cannot be established successfully**

The vehicle's Bluetooth® ID is displayed in the overview of the mobile device; a connection cannot be established despite the app being restarted.

In this case, it will be necessary to pair the vehicle and the mobile device again.

- Delete the vehicle's Bluetooth® ID from your mobile device.
- **For iOS devices only:** remove the vehicle's Bluetooth® ID from the list of paired devices in the Bluetooth® settings on your mobile device.
- Delete the mobile device in the multimedia system.
- Restart the MBAC app.
- Connect your mobile device to the MBAC again for the first time.

## Key

Your vehicle is equipped with the following keys:

- Vehicle key
- Two separate keys for the lockable lid of the fresh water tank (⟶ page 41)

## Pop-up roof

### Notes on the pop-up roof

**WARNING** Risk of accident- and injury if the pop-up roof is not locked

If the closed pop-up roof is not locked, it may open or even tear off while the vehicle is in motion.

- Only drive the vehicle if the pop-up roof is completely closed and locked.

**WARNING** Risk of becoming trapped if the pop-up roof is operated by children

Children operating the pop-up roofs could get caught in the moving parts, particularly if unattended.

- Never leave children unattended in the vehicle.
- When leaving the vehicle, always take the key with you and lock the vehicle.

**WARNING** Risk of becoming trapped when closing the pop-up roof

Body parts may become trapped.

- During the closing process, make sure that no body parts are in the closing area.
- Do not reach into the roof mechanism.
- If someone becomes trapped, open the pop-up roof immediately.

**WARNING** Risk of becoming trapped due to unlocked pop-up roof

If the pop-up roof is open but not secured, it may lower.

- When opening the pop-up roof, make sure that it is fully opened and the pneumatic spring on the passenger side has audibly locked into place.
- If the open pop-up roof is not secured by the catch, it may lower.

**WARNING** Risk of injury due to falling pop-up roof

If you pull the roof down by the loop, the roof will fall by itself after a certain point.

- Make sure that no body parts are in the closing area.

**NOTE** Damage to the accordion piece due to becoming trapped

Positive or negative pressure may cause the accordion piece to move significantly inwards or outwards.

If the accordion piece becomes trapped between the body and the roof, it may be damaged.

Please observe the following before closing the pop-up roof:

- Open a window or a door.
- Remove branches and any other objects from the accordion piece.
- Fold the bed frame downwards and straighten the mattress.
- Remove all objects from the mattress and all stowage spaces.
- Close the side and front openings.

**NOTE** Wind damage to the pop-up roof

When the pop-up roof is open, it presents a large contact surface that may be buffeted by the wind.

Very strong or gusty winds may damage the open pop-up roof.

- Always park the vehicle with the rear facing against the wind and, where possible, ensure that it is not facing across the direction of the wind.

**NOTE** Damage to property caused by the reading lamps overheating

If the reading lamps are switched on, they may overheat when the pop-up roof is closed.

Surrounding components may be damaged by the heat.

- Switch the reading lamps off and allow them to cool down before closing the pop-up roof.

Your vehicle may be fitted with a manual or electric (EASY UP) pop-up roof. The pop-up roof has two reading lamps and windows. You can open these fully or partially using their zips.

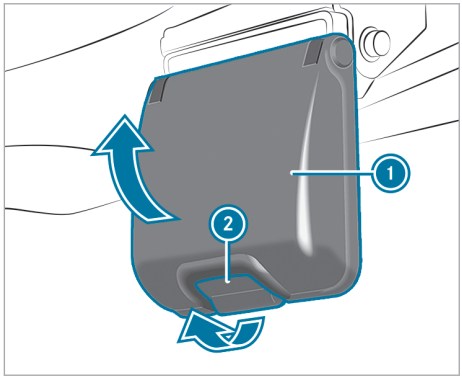
Information about the reading lamps on the pop-up roof (⟶ page 31)

## Opening and closing the mechanical pop-up roof

**Requirements:**

- At least one window or door is open.

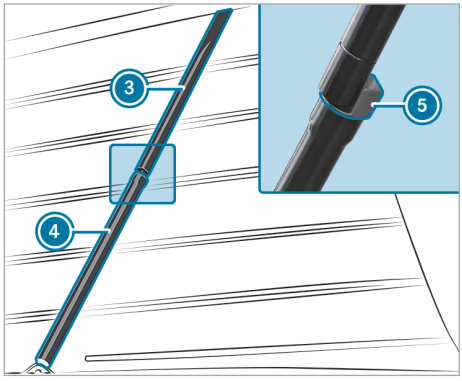
### Unlocking the roof lock




Roof lock (example: front passenger side)

- On the driver and front passenger sides, pull locking lever (2) in the direction of the arrow and lift roof lock (1) upwards.
  The pop-up roof will be unlocked.

### Opening the pop-up roof




Pneumatic spring (example: front passenger side)

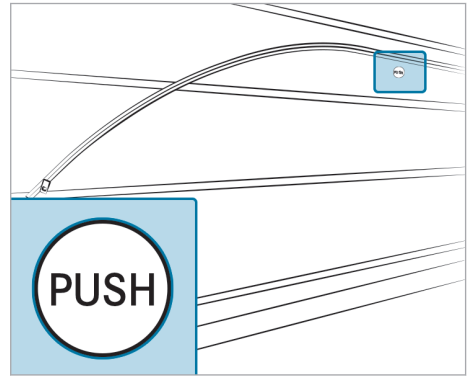
- Push the pop-up roof upwards with both hands until jacket tube (4) audibly locks on the pneumatic spring's piston.
  The two pneumatic springs will hold the pop-up roof open.

  The pneumatic spring on the front passenger side will secure the pop-up roof against unintentional closing.

### Before closing

- Ensure that there are no branches or objects on the roof.
- Disconnect all consumer equipment from the USB port in the pop-up roof.
- Switch the reading lamps off.
- Ensure that there are no objects in the narrow space between the insect net and zip.
- Close the zips of the windows in the pop-up roof.
- Remove all objects from the bed frame.
- Fold the bed frame downwards and straighten the mattress (⟶ page 28).
- Attach the roof bed.
- Ensure that the reading lamps are not touching the aluminium frame and are lying flat against the roof.

### Closing the pop-up roof




- On the front passenger side, press against jacket tube (4) from the inside at the point marked "PUSH" and hold down.
  End stop (5) must rest against cylinder (3) of the pneumatic spring.

- With your other hand, slowly pull the pop-up roof downwards by the loop.
  Cylinder (3) of the pneumatic spring will be guided into jacket tube (4) via end stop (5).

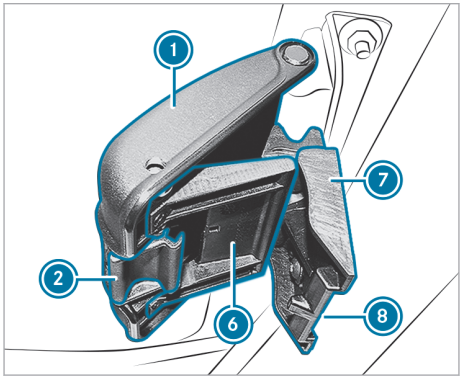
ⓘ When closing the pop-up roof, have another person ensure that there are no objects or parts of the accordion piece trapped between the roof and the vehicle body.

- If the accordion piece has become trapped, open the pop-roof again and close it carefully.

### Locking the roof lock

**!** **NOTE** Damage to the roof lock due to incorrect positioning on the bracket

- Ensure that articulated lever (6) is correctly positioned on bracket (7) before roof lock (1) is swung downwards.




- Hook roof lock (1) on the driver and front passenger side using articulated lever (6) on bracket (7).
- Swing roof lock (1) downwards until it engages.
  Roof lock (1) is locked properly only when locking lever (2) is audibly engaged in recess (8).
- Check the locking mechanism by pulling roof lock (1) sideways.
- If roof lock (1) snaps open, repeat the locking process.

ⓘ If a roof lock (1) is not locked properly, you must not drive the vehicle. Contact Mercedes-Benz Service24h.
You will find a sticker with the Mercedes-Benz Service24h telephone number on the B-pillar on the driver's side and in the maintenance booklet.

- Stow the loop securely.

## Extending and retracting the electric pop-up roof (EASY-UP)

**Requirements:**

- At least one window or door is open.
- The vehicle is switched on but has not been started.

ⓘ If a fault arises in the electrics, you can close the pop-up roof using the emergency actuation (→ page 15).

Multimedia system:

↳ Marco Polo ⏩ Living ⏩ Pop-up roof

**To extend:**

- Press and hold Extend.
  The drive motor will switch off when the roof is fully open.
  will appear on the symbol panel.

**To retract:**

- Make sure that the vehicle is stationary on a level surface. Otherwise, the pop-up roof may not close correctly.
- Ensure that there are no branches or objects on the roof.
- Switch the reading lamps off.
- Disconnect all consumer equipment from the USB port in the pop-up roof.
- Ensure that there are no objects in the narrow space between the insect net and zip.
- Close the zips of the windows in the pop-up roof.
- Remove all objects from the bed frame.
- Fold the bed frame downwards and straighten the mattress (→ page 28).
- Ensure that the reading lamps are not touching the aluminium frame and are lying flat against the roof.
- Press and hold Retract.
  The pop-up roof will stop automatically after covering ⅔ of the distance.
- From outside, ensure that the accordion piece has not become trapped. If the accordion piece has become trapped, extend the roof and retract it again.

- Press and hold Retract.
  The drive motor will switch off when the roof is fully closed and locked.
   will disappear from the symbol panel.
  The pop-up roof will be locked.

ⓘ If the pop-up roof is not locked and you start the vehicle, a warning tone will sound to warn the driver against driving off.

- Ensure that the accordion piece has not become trapped between the roof and body.

## Operating emergency actuation for the electric pop-up roof

**NOTE** Damage to the pop-up roof due to it being twisted

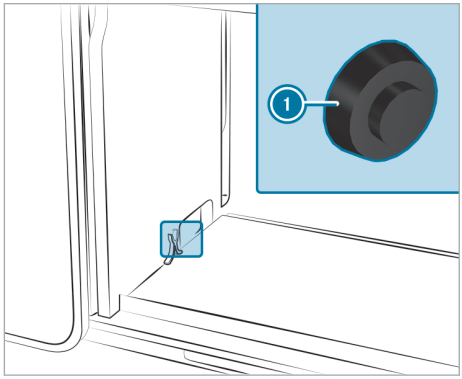
The pop-up roof may be damaged if it becomes twisted as you lower it.

- Lower the pop-up roof in increments of no more than 10 cm at a time, alternating between left and right.
- Check several times that the pop-up roof does not tilt during lowering.

Multimedia system:

→ Marco Polo ▸▸ Living ▸▸ Pop-up roof

If the electric pop-up roof cannot be retracted normally, e.g. after an electrical fault, you can retract it using emergency actuation.




Button 1 to activate emergency actuation is located in the kitchen cupboard beneath the gas stove, in the recess for the shutoff valve of the grey water tank.

ⓘ Emergency actuation will work even if the control unit is malfunctioning or faulty.

The user interfaces of the MBAC unit perform the following functions:

- Extend: lowers the pop-up roof on the right-hand side.
- Retract: lowers the pop-up roof on the left-hand side.

- Observe the notes on the pop-up roof.
- Switch on the vehicle.
- Open the kitchen cupboard beneath the gas stove.
- Press and hold button 1 for three seconds to activate emergency actuation.
  A tone will sound.

ⓘ You must start the closing process via MBAC within 15 seconds.

- Select Retract and Extend alternately so that the pop-up roof is lowered gradually.
- Continue the process until the pop-up roof has been closed completely.

ⓘ If the pop-up roof cannot be closed using emergency actuation, contact Mercedes-Benz Service24h.
You can find telephone numbers for Mercedes-Benz Service24h on a label in the entrance area of the driver's door and in the vehicle's maintenance booklet. The Service Hotline is available 24 hours a day.

- **To extend the pop-up roof again:** extend the pop-up roof in the regular manner (→ page 14).
- **To retract the pop-up roof again:** retract the pop-up roof in the regular manner (→ page 14).

ⓘ If the pop-up roof cannot be extended and retracted again, it may not have been locked. Contact Mercedes-Benz Service24h.
You can find telephone numbers for Mercedes-Benz Service24h on a label in the entrance area of the driver's door and in the vehicle's maintenance booklet. The Service Hotline is available 24 hours a day.

## Rectifying problems with the pop-up roof

**A continuous warning tone sounds.**

Possible causes:

- Warning against driving off. The electric pop-up roof is open and the vehicle has been started.

▶ Switch off the vehicle.
▶ Switch the vehicle on but do not start it.
▶ Close the electric pop-up roof.

**The pop-up roof stops moving. A warning tone sounds five or six times at intervals of one second.**

Possible causes:

- The roof load has been exceeded.
- The pop-up roof is loaded unevenly.

▶ Check the roof load and the roof load distribution (⟶ page 61).
▶ If necessary, re-distribute the load.
▶ If the problem persists, contact a qualified specialist workshop.

**The pop-up roof cannot be operated and a warning tone sounds for five seconds.**

Possible causes:

- Safety shutoff. You have moved the pop-up roof up and down too many times in succession.

▶ Wait ten minutes.
▶ Check whether the pop-up roof can be operated.
▶ If the problem persists, contact a qualified specialist workshop.

**The pop-up roof cannot be operated. A warning tone sounds for as long as you press the button on the MBAC unit.**

Possible causes:

- The voltage of the auxiliary battery is low.

▶ Check the battery voltage (⟶ page 48).
▶ If the battery voltage is too low, charge the auxiliary battery (⟶ page 49).
▶ If the battery voltage is sufficient and the problem persists, contact a qualified specialist workshop.

**The pop-up roof does not lock.**

Possible causes:

- The vehicle is not level.

▶ Open the pop-up roof by around ten centimetres again.
▶ Carefully press on the pop-up roof from above with the assistance of another person.
▶ Repeat the closing procedure.

**The pop-up roof cannot be operated.**

Possible causes:

- The voltage of the auxiliary battery is too low and the pop-up roof has been switched off by standby mode.

▶ Charge the auxiliary battery (⟶ page 49).

Possible causes:

- You pressed a button on the MBAC unit more than five times in succession within five seconds. The button's function was then blocked.

▶ Wait three minutes.
▶ Press the button again.

Possible causes:

- The electrical fuse is faulty.

▶ Replace the electrical fuse (⟶ page 49).
▶ Have the cause of the faulty fuse investigated at a qualified specialist workshop.

Possible causes:

- The electrics are faulty.

▶ Close and secure the pop-up roof using the emergency actuation (⟶ page 15).
▶ Have the electrics checked at a qualified specialist workshop.

**The pop-up roof cannot be closed even using emergency actuation.**

Possible causes:

- An electric motor in the pop-up roof is damaged.

▶ Contact a qualified specialist workshop.

## Sliding sunroof

### Notes on the sliding sunroof

**WARNING** Risk of becoming trapped when the sliding sunroof is being opened and closed

Body parts may become trapped in the range of movement.

- During opening and closing, make sure that no body parts are in the range of movement.
- Release the button immediately if somebody becomes trapped.

or

- Briefly press the button in any direction during automatic operation.
  The opening or closing process will be stopped.

**WARNING** Risk of children becoming trapped if they operate the sliding sunroof

Children could become trapped if they operate the sliding sunroof, particularly when unattended.

- Never leave children unattended in the vehicle.

Your vehicle may be fitted with a sliding sunroof.

**NOTE** Malfunction due to snow and ice

Snow and ice may cause the sliding sunroof to malfunction.

- Open the sliding sunroof only if it is free of snow and ice.

**NOTE** Damage to on-board electronics caused by water in the vehicle interior

Water may get into the vehicle when the sliding sunroof is open.

Water in the vehicle interior may damage the on-board electronics.

- The sliding sunroof will not close automatically when you lock the vehicle. Close the sliding sunroof before you leave the vehicle.
- Make sure the sliding sunroof is closed when you are cleaning the vehicle.
- Do not leave the sliding sunroof open when it is raining.

**NOTE** Damage in the vehicle interior due to a build up of water

Rain or condensation may build up on the sliding sunroof. Water may enter the vehicle when the sliding sunroof is opened.

- Do not open the sliding sunroof until you have driven a few meters, when the build-up of water will have drained off.

**NOTE** Damage to the sliding sunroof due to insufficient headroom

The vehicle has a height of 2.04 m when the sliding sunroof is open.

- Ensure that sufficient headroom is available before you open the sliding sunroof in garages or multi-storey car parks, for example.

**NOTE** Glass breakage due to damaged sliding sunroof

Pressing the frame of the sliding sunroof can cause the glass to break.

- Do not exert any pressure on the frame of the sliding sunroof.

**NOTE** Damage to the roller sunblind due to airflow

The closed roller sunblind may be damaged by airflow.

- Open the roller sunblind completely when the sliding sunroof is open.

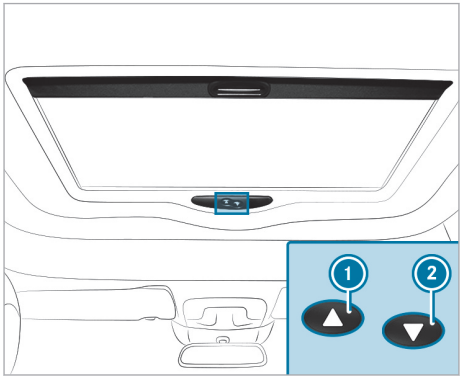
When the sliding sunroof is open, resonance noise may also occur in addition to the usual airflow noises. This is caused by minor pressure fluctuations in the vehicle interior. To prevent or stop these noises, alter the position of the sliding sunroof or open a side window slightly.

### Opening and closing the sliding sunroof

Multimedia system:

→ Marco Polo ▸▸ Living ▸▸ Sliding sunroof

You can operate the sliding sunroof even when the vehicle is switched off.

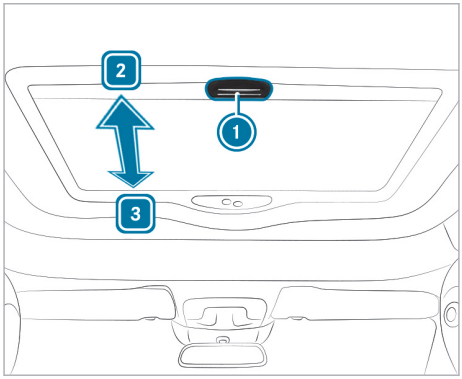



- **To open:** press button (1) briefly.
- **To close:** press button (2) briefly.
- **To stop:** press button (1) or (2) briefly.
- **Tilt position:** press and hold button (1) until the maximum tilt position has been reached. The sliding sunroof will remain stationary for approximately one second.
- **To open with MBAC:** select Open.
- **To close with MBAC:** select Close.
- **To stop with MBAC:** select Open or Close briefly.

## Opening and closing the roller sunblind on the sliding sunroof

Requirements:

- The sliding sunroof is closed.




- **To close the roller sunblind:** pull handle (1) in the direction of arrow [3].
- **To open the roller sunblind:** pull handle (1) in the direction of arrow [2].

## Rectifying problems with the sliding sunroof

**WARNING** Risk of becoming trapped or fatal injuries when the sliding sunroof is closed again

If the sliding sunroof is closed again immediately after it has been blocked or reset, it will close with increased force.

- Make sure that no parts of the body are in the closing area.
- Release the button immediately if somebody becomes trapped.

or

- Briefly press the button in any direction during the automatic closing process. The closing process will be stopped.

**The sliding sunroof cannot be opened or closed.**

Possible causes:

- The voltage of the auxiliary battery is too low and the pop-up roof has been switched off by standby mode.
- The electrical fuse is faulty.

- Charge the auxiliary battery (→ page 49).
- Replace the electrical fuse (→ page 49).
- If the problem persists, have the sliding sunroof checked at a qualified specialist workshop.

**The sliding sunroof cannot be closed and you cannot see the cause.**

Possible causes:

- If the sliding sunroof is obstructed during closing and opens again slightly:

- Immediately after the obstruction, press and hold button (2) until the sliding sunroof is closed.

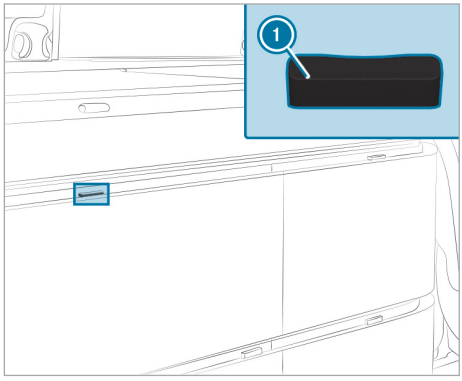
**The sliding sunroof is not sealed.**

Possible causes:

- The seal of the sliding sunroof is dirty.

- Clean the seal with a damp cloth.
- Treat the seal with a non-greasy lubricant, e.g. silicone spray.
- If the problem persists, have the sliding sunroof checked at a qualified specialist workshop.

## Unlocking and locking the furniture locks

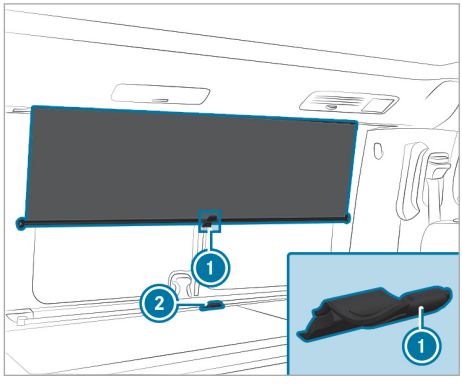



Furniture lock for drawer (example)

All stowage compartments in the kitchenette as well as all drawers and flaps have been fitted with furniture locks. These will prevent them from opening unintentionally while the vehicle is in motion.

- **To unlock:** press release catch 1 and pull out the drawer, for example.
- **To lock:** retract the drawer, sliding door and flap as far as they will go until they engage.

## Opening and closing the roller sunblind




All windows in the passenger compartment are fitted with opaque roller sunblinds. Before commencing your journey, open all roller sunblinds. Otherwise, they may jump out of the holder while the vehicle is in motion and be damaged. In addition, closed roller sunblinds will restrict visibility to the rear and sides.

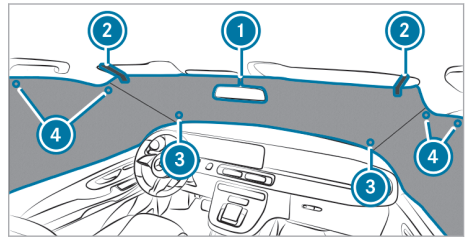
- **To close:** pull the roller sunblind down by tab 1 and hook it into holder 2.
- **To open:** unhook tab 1 from holder 2 and guide the roller sunblind upwards.

ⓘ Comply with the notes on care for roller sunblinds (⟶ page 57).

## Securing the cab curtain

To darken the cab, your vehicle is equipped with a cab curtain.

ⓘ Make sure that the inside of the windscreen is clean before you secure the cab curtain By doing so, you will avoid leaving marks and ensure that the suction cups will hold reliably.




- Guide the centre of the cab curtain with the cutout around the rear-view mirror and close it with Velcro fastener 1.
- Fold the sun visors forwards.
- Put the loops of cab curtain 2 around the sun visors.
- From the inside, press both suction cups 3 on the long side of the cab curtain in the lower brackets onto the windscreen.
- Secure the cab curtain at the top of each side window in the front doors using two suction cups 4.

ⓘ Observe the notes on caring for the cab curtain (⟶ page 57).

## Seat/bunk combination

### Notes on the seat/bunk combination

**WARNING** Risk of injury or death due to incorrect seat position

The seat belt will not offer the intended level of protection if you have not moved the seat backrest to an almost vertical position.

In particular, you may slip under the seatbelt and injure yourself.

- Adjust the seat properly before beginning your journey.
- Always ensure that the seat backrest is in an almost vertical position and that the shoulder section of your seat belt is routed across the centre of your shoulder.

**WARNING** Risk of becoming trapped when adjusting the rear bench seat

When adjusting a rear bench seat, you or another vehicle occupant could become trapped by the guide rail of the rear bench seat, forexample.

- Make sure that no one has any part of their body within the sweep of the rear bench seat when adjusting it.

**WARNING** Risk of becoming trapped if the seat is adjusted by children

Children could become trapped if they adjust the seats, particularly if they are unattended.

- When leaving the vehicle, always take the key with you and lock the vehicle.
- Never leave children unattended in the vehicle.

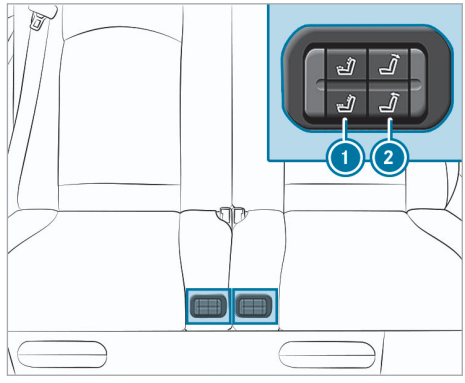
The seat/bunk combination provides seating for two persons. You can also adjust the seat backrest inclination and contour adjustment when the vehicle is switched off. If you set the seat backrest to the horizontal position, this – together with the bed extension – will give you a full-length bed. Do not drive with your seat backrest leaning back at a steep angle.

Comply with the basic information and safety notes on seats (see the vehicle's Owner's Manual).

### Adjusting the seat backrest and contour adjustment

You can adjust the seat backrest inclination and contour adjustment when the vehicle is switched off.

ⓘ If the switches are pressed for too long or too frequently in succession, a repeat lock will block the function of the switches. The function will be available again after one minute.




- **To adjust the seat backrest:** press the top or bottom section of switch 2.
  The seat backrest will be lowered or raised.

When the seat backrest reaches an inclination of around 45°, you will hear the sound of a pump. A pump will automatically suck the air out of the side bolster to create a level berth.

- **To adjust the contour adjustment:** press the top or bottom section of switch 1.
  The side bolsters of the seat backrest and seat surface will be inflated or the air will be extracted.

  The pump will switch off when the side bolsters of the seat backrest and seat surface are fully inflated or the air has been extracted.

ⓘ You will need to reset the seat/bunk combination if there has been a malfunction or a voltage drop (→ page 22).

## Moving the seat/bunk combination

**WARNING** Risk of injury due to moving the seat/bunk combination while the vehicle is in motion

If you move the seat/bunk combination while the vehicle is in motion, the seat may move in an unexpected or jerky manner, e.g. when braking.

You could be trapped as well as thrown against parts of the vehicle interior or other vehicle occupants.

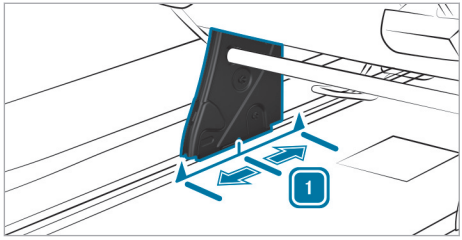
- Move the seat/bunk combination only when the vehicle is stationary.
- Ensure that the seat/bunk combination has engaged after moving it.

**WARNING** Risk of injury from the front seat being positioned too close to vehicle occupants

If you move the rear seats or the rear bench seat outside the markings on the guide rail, this could result in the passenger striking their head on the front seat.

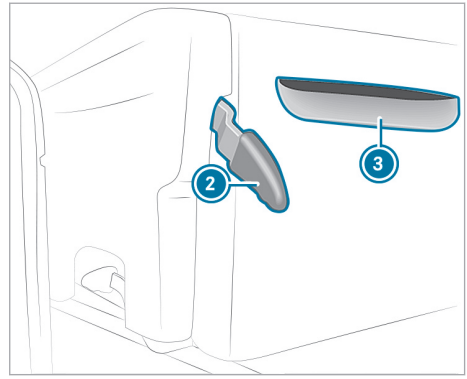
- Maintain a minimum clearance of 5 cm between the knees of the respective vehicle occupants and the seat in front of them.

### Positioning the seats in the optimum area of protection




Starting from the basic setting 1, the seat/bunk combination for passengers can be moved forwards or backwards by 13 cm. In doing so, make sure that passengers have sufficient legroom to reduce the risk of injury during braking.

ⓘ If you grip and move the seat/bunk combination by the plastic cover of the stowage compartments only, the front panel may be damaged. Always hold the metal bracket of the seat frame to move the seat/bunk combination. When moving the seat/bunk combination, ensure that the space in front of and behind the seat/bunk combination is clear and that no objects can become trapped.




Before you can move the seat/bunk combination, you will need to remove an additional individual seat or an additional rear bench seat. This depends on the vehicle variant and equipment (see the vehicle's Owner's Manual).

ⓘ If the seat sliders on the front row of rear seats are too far back in the seat guide rails, it will not be possible to move the seat/bunk combination forwards. In this case, use the handle for the seat sliders to move the seat sliders (→ page 24).

To ensure that the rear bench seat can securely engage, keep the seat guide rails and anchorages in the vehicle floor free of dirt and foreign objects. The basic setting of the seat anchorage is marked on the seat guide rails.

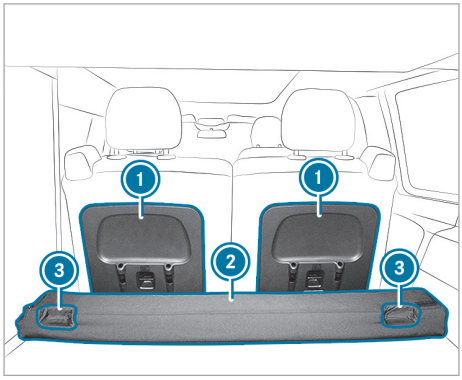
- If the seat/bunk combination is to be moved into the area occupied by the sliding table, move the sliding table into the drive position (→ page 27).
- Pull release handle (2) upwards.
- Grip the metal bracket of the seat/bunk combination through opening (3) and move the seat/bunk combination.
- Let go of release handle (2).
- Move the seat/bunk combination forwards and backwards until all seat sliders audibly engage.
  It should no longer be possible to move the seat/bunk combination.

## Setting up/folding away the berth

**WARNING** Risk of injury or death if the berth is used while the vehicle is in motion

A vehicle occupant on a berth cannot be restrained.

- Use the berth only when the vehicle is parked.



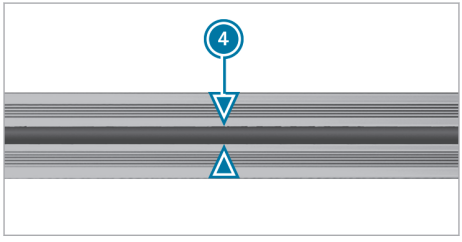

View of the seat/bunk combination from behind

1 Bracket for head restraint
2 Short section of the bed extension
3 Recess for seat belt retractor

### Setting up

ⓘ Ensure that no one becomes trapped when you set up/fold away the berth.

- Fold up the short section of bed extension 2.
- Move the sliding table into the drive position (→ page 27).




- Move the seat/bunk combination forwards to mark 4 on the guide rail (→ page 21).
- Remove the head restraints of the seat/bunk combination.
- Rotate the head restraints by 180° and insert them in brackets 1 on the rear side of the seat/bunk combination.
- Adjust the seat backrests to a horizontal position (→ page 20).

ⓘ If the seat backrests can be moved too far downwards, the electronics of the seat/bunk combination are malfunctioning. You will then have to re-adjust the seat/bunk combination (→ page 22).

- Fold down the short section of bed extension 2.

### Removing

- Perform the steps to set up the berth in reverse order.

After use, finish by moving the seat/bunk combination back to the basic setting and ensure that the seat backrest is in an upright position.

ⓘ If you are using head restraints other than those belonging to the seat/bunk combination, it may no longer be possible to remove them.

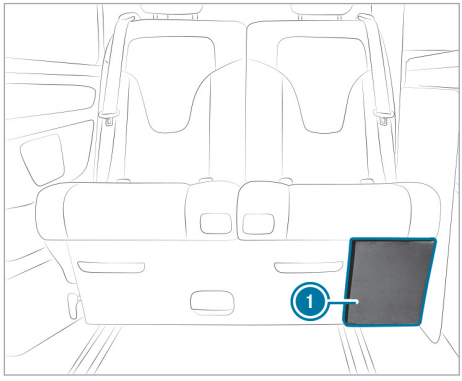
## Re-adjusting the seat/bunk combination

**WARNING** Risk of becoming trapped if the seats are adjusted

When adjusting a seat, you may trap yourself or a vehicle occupant, e.g. on the seat guide rail.

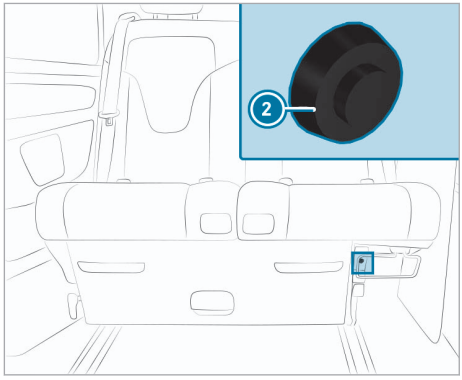
- Make sure that no part of the body is within the seat's range of motion when adjusting a seat.

If the seat backrests can be moved lower than the horizontal position, e.g. after a malfunction or a voltage supply interruption, the electronic system of the seat/bunk combination may be faulty. You can readjust the seat/bunk combination using the reset button.




The reset button is located beneath the seat/bunk combination on the left side in the area of through-loading feature 1.

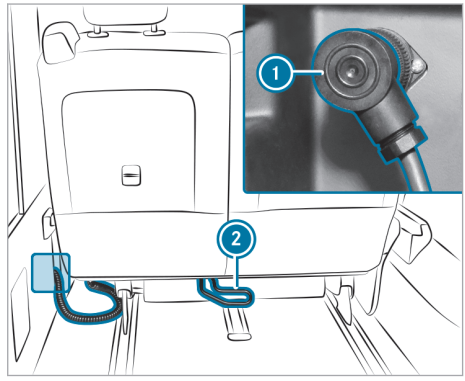
- Move both seat backrests into an approximately upright position.
- Open through-loading feature 1 (⟶ page 52).



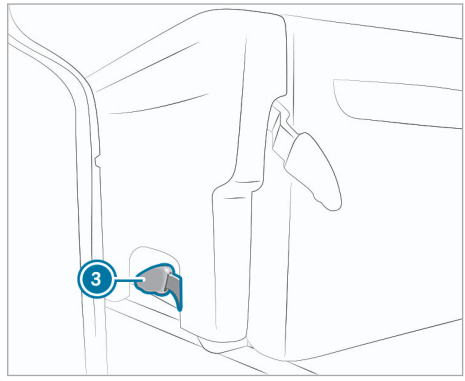

- Press reset button 2.
  Both seat backrests will automatically move to the upright position as far as they will go mechanically.
- Lower both seat backrests by roughly 20 cm (⟶ page 20).
  The seat/bunk combination will now be adjusted.

## Installing and removing the seat/bunk combination

### Removing




1 Connector with rotary catch
2 Release handle (rear seat base)




3 Release handle (front seat base)

ⓘ The seat/bunk combination has a weight of around 79 kg. Have at least one other person help you.

- Remove the stowage compartment (⟶ page 51).
- Open through-loading feature 1 (⟶ page 52).
- Move the seat/bunk combination forwards to an extent that still allows the seat/bunk combination to be tilted forwards (⟶ page 21).
- Loosen the rotary catch of connector 1 and remove connector 1.
- Pull release handle 2 upwards.

- Tilt the seat/bunk combination forwards using the upper edge of the seat backrest.
- Pull release handle (3) on both sides of the seat/bunk combination upwards.
- Lift the seat/bunk combination out of the vehicle.

### Fitting

**WARNING** Risk of accident- and injury if the seat is not engaged

If a seat is not engaged, it may be thrown about while the vehicle is moving.

- Always make sure that all seats are engaged as described.

To ensure that the rear bench seat can securely engage, keep the seat guide rails and anchorages in the vehicle floor free of dirt and foreign objects.

ⓘ The seat/bunk combination has a weight of around 79 kg. Have at least one other person help you.

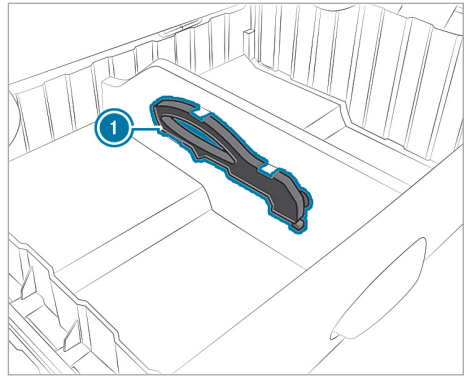
- Remove the stowage compartment (→ page 51).
- Open through-loading feature (1) (→ page 52).
- Insert the tilted seat/bunk combination forwards into the front seat sliders and engage it.

ⓘ If a seat slider has moved during removal, the seat sliders in the guide rails will no longer run parallel to each other. It will then not be possible to insert and engage the seat/bunk combination. Move the seat sliders into the correct position first of all (→ page 24).

- Tilt the seat/bunk combination backwards and engage it.
  Release handle (2) will fold downwards. The seat/bunk combination will be locked.
- Insert connector (1) into the port and tighten the rotary catch on connector (1).
- Move the seat/bunk combination into the basic position (→ page 21).
- Install the stowage compartment (→ page 23).
- Close through-loading feature (→ page 52).

## Handle for the seat sliders

### Information on the handle for the seat sliders

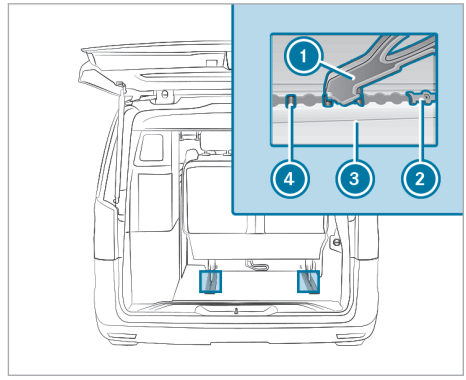



(1) Seat slider handle

When you remove the seat/bunk combination, a rear bench seat or a seat, the seat slider may slide in a guide rail. The seat sliders are then no longer parallel in the guide rails. If the seat sliders in the guide rails are no longer in the same position, you can no longer fit the respective seating.

Use handle (1) to move the seat sliders to the correct position and the end of the handle to open and close the locks on the sliders. The handle is in the stowage compartment of the seat/bunk combination.

### Moving the seat sliders




- Place the tip of the handle (1) onto the middle bolt of the three bolts (4).
- Swing handle (1) downwards onto seat slider .

- Press seat slider (2) into guide rail (3) with handle (1).
  Seat slider (2) is unlocked.
- Move seat slider (2) into the correct position and engage it.
- Remove handle (1) upwards from middle bolt (4).

### Rectifying problems with the seat/bunk combination

**The seat backrest and contour adjustment cannot be adjusted.**

Possible causes:

- The voltage of the auxiliary battery is too low and the seat/bunk combination has been switched off by standby mode.

- Charge the auxiliary battery (⟶ page 49).
- Have the cause of the faulty fuse investigated at a qualified specialist workshop.

Possible causes:

- The electrical fuse is faulty.

- Replace the electrical fuse (⟶ page 49).
- Have the cause of the faulty fuse investigated at a qualified specialist workshop.

Possible causes:

- The electrical connector is disconnected.

- Check the electrical connector of the cable (⟶ page 23).

Possible causes:

- When the seat backrest is being folded into position, there is a load (e.g. a suitcase) on the seat backrest.

- Remove the load.

Possible causes:

- The switches for adjusting the seat backrest or contour adjustment have been pressed for too long or too many times in succession. The repeat lock is active.

- Try again after waiting one minute.

**The seat backrests can be moved too far downwards.**

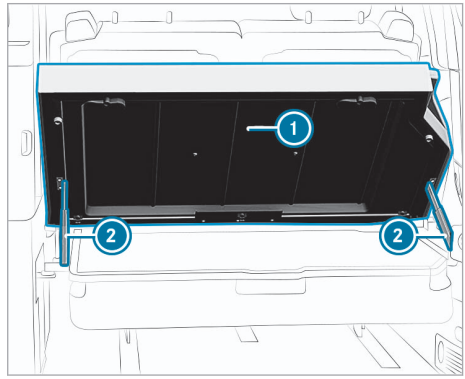
Possible causes:

- The electronic system is malfunctioning.

- Adjusting the seat/bunk combination (⟶ page 22).

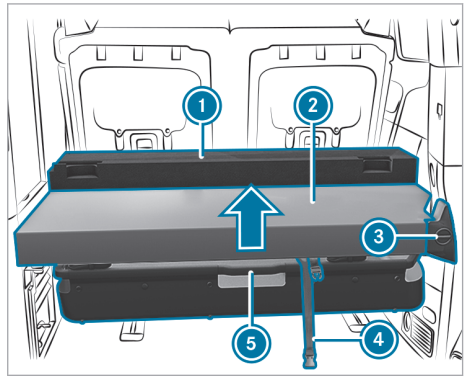
## Bed extension

### Setting the fully reclined position




- **Raised fully reclined position:** swing berth (1) of the bed extension into the desired position until locking rail (2) engages.
- **Horizontal fully reclined position:** swing berth (1) of the bed extension into the highest position and back into the horizontal position.

### Folding the bed extension up/down



### Folding up

- Empty the transport bag.
- Fold up short section (1) of bed extension (2).
- Turn control knob (3) clockwise and fold bed extension (2) up vertically on frame (5). Bed extension (2) will rest against the seat backrest of the seat/bunk combination.
- Attach bed extension (2) to the right-hand head restraint using retaining strap (4).

### Folding down

- Remove retaining strap (4) from the right-hand head restraint.
- Fold down bed extension (2) and turn rotary knob (2) anti-clockwise.
- Fold down short section (1) of bed extension (2).

## Installing and removing the bed extension

**WARNING** Risk of injury due to falling or sliding bed extension

The bed extension is very heavy and may slip out of your hands when being installed or removed. The bed extension may fall onto your feet or trap body parts such as hands.

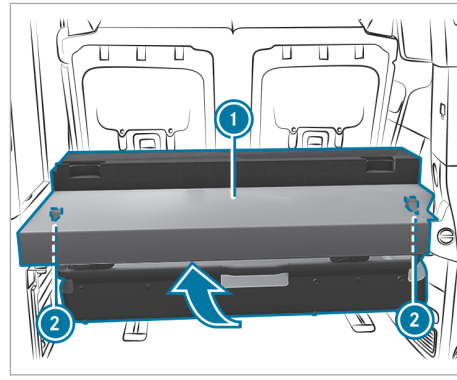
- Carry out the installation and removal of the bed extension with at least one additional person.
- Wear anti-slip gloves during installation and removal.

**NOTE** Damage to the bed extension during installation and removal

The bed extension is very heavy and may fall and be damaged when being installed or removed.

- Carry out the installation and removal of the bed extension with at least one additional person.
- Wear anti-slip gloves during installation and removal.

### Removing




- Remove the camping table and the camping chairs (→ page 53).
- Fold bed extension (1) up vertically (→ page 25) and lift it upwards out of brackets (2).

### Fitting

- Insert bed extension (1) vertically into brackets (2) from above and fold down.

## Dividing the bed extension

To obtain a uniform, flat stowage space, the short section of the bed extension can be removed on its own.

- Open the zipper and remove the short section of the bed extension.

## Notes on the additional rear bench seat

**NOTE** Damage due to armrest rubbing against the kitchenette

If an additional rear bench seat is installed in the direction of travel, the armrest may rub against the kitchenette and the panels on the kitchenette may be damaged.

- Before installing the additional rear bench seat in the direction of travel, have the armrest removed by a qualified specialist workshop.

To install the additional rear bench seat in the face-to-face position, the armrest can remain installed (see the vehicle's Owner's Manual).

Ensure that the seat is positioned in the optimum area of protection when installing the additional rear bench seat (→ page 21).

## Sliding table

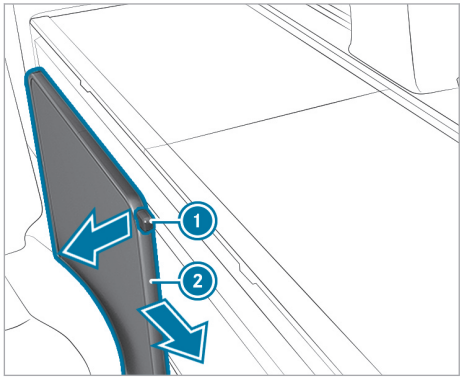
### Folding out the sliding table

**NOTE** Damage to the kitchenette when the table top is folded and unfolded

If the table top is folded up too far, the plastic cover of the kitchenette may be damaged.

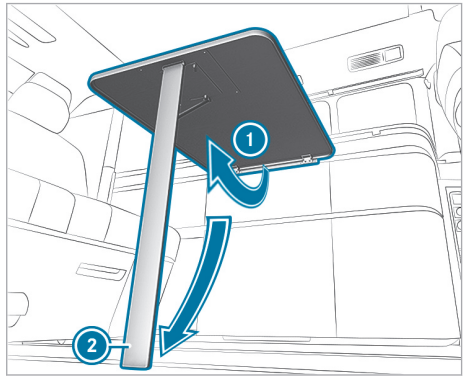
- Do not fold the table panel of the sliding table upwards more than 5° beyond the horizontal.

There is a folding sliding table between the bench seat and the kitchenette.




- Pull release lever (1) and pull sliding table (2) forwards.

ⓘ You can set the table up in any position you like. A mechanical end stop will limit the range of movement towards the front.




- Raise table panel (1).
- Fold table leg (2) down until it engages.
- Lower table panel (1).
- Ensure that table leg (2) is vertical.

### Folding in the sliding table

**WARNING** Risk of injury due to the sliding table being flung around

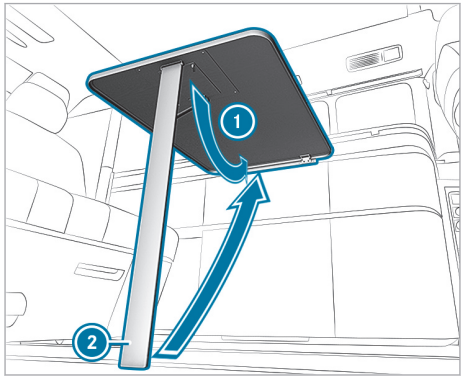
When folded out, the sliding table may be flung around.

- Before commencing your journey, move the sliding table into the drive position.
- Ensure that the sliding table has engaged.

**NOTE** Damage to the kitchenette when the table top is folded and unfolded

If the table top is folded up too far, the plastic cover of the kitchenette may be damaged.

- Do not fold the table panel of the sliding table upwards more than 5° beyond the horizontal.




- Raise table panel (1).
- Fold in table leg (2).
- Fold table panel (1) down carefully.
- Push the sliding table backwards until it engages.

## Roof bed

### Notes on the roof bed

**WARNING** Risk of injury and risk of fatal injuries if the bunk is used without a safety net

If the safety net has not been installed, a vehicle occupant cannot be restrained.

Always install the safety net before a vehicle occupant uses the bunk.

When using the roof bed with safety net while driving, observe the country-specific regulations and laws.

ⓘ The maximum load that can be placed on the roof bed is 200 kg.

**NOTE** Stepping on the sitting surfaces and armrests can damage them

The armrests may break off and the sensor system in the surfaces of the front seats may be damaged.

- When entering and exiting the roof bed, do not use the armrests or central surface of the front seats as a step.
- Only step on the stable edge of the sitting surfaces.

**NOTE** Damage to the boot caused by resting against it

Resting against the boot may damage it as well as the waterproofing.

Moisture and wetness can penetrate into the vehicle during heavy rainfall as a result.

- Do not rest against the boot of the pop-up roof or place any objects against it.

The roof bed can accommodate two people.

You can climb into the roof bed via an engaged front seat. When doing so, only step on the wide and stable edge of the sitting surface and support yourself on the bed frame.

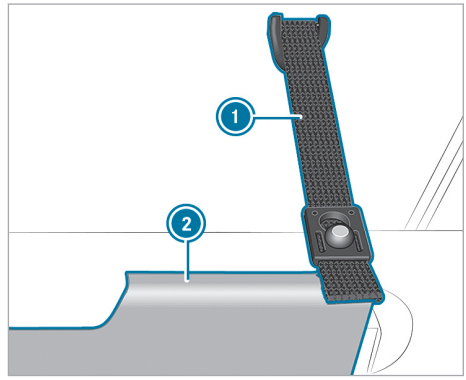
If there are people in the roof bed, set up the safety net (→ page 29).

### Raising the roof bed

**WARNING** Risk of injury due to incorrectly secured raised bed frame

If you do not hook up the raised bed frame as described, it may fold down, hit a person and trap body parts.

- Always ensure that the raised bed frame has been hooked in the retaining straps as described.




Retaining strap for bed frame (example: left-hand side of the vehicle)

If you swing the roof bed up while the pop-up roof is open, you will gain more headroom in the living area.

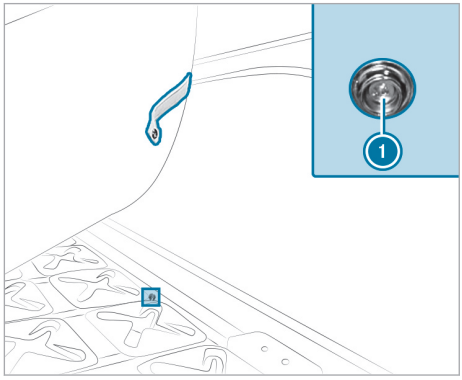
ⓘ The safety net can remain secured in place when the roof bed is raised (→ page 29).

- Raise the bed frame (2) at the front and secure it to the pop-up roof on the left and right using the retaining straps (1).
- **To align the mattress:** align the mattress in the centre of the bed frame.

## Installing the safety net

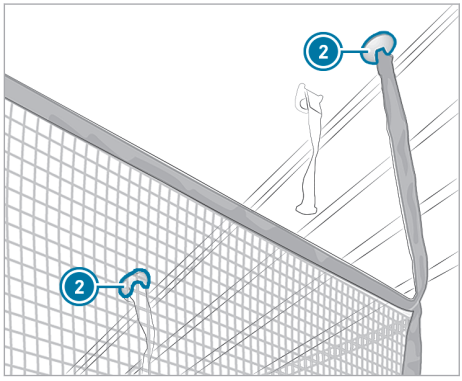
The safety net prevents people from falling out of the roof bed.

ⓘ Do not lean against the safety net with your entire body weight as it may give way.




- Raise the mattress and secure the safety net to designated press-studs (1) on the bed frame.

ⓘ There are two press-studs on either side, and four press-studs attached to the front of the bed frame.




- Press retaining clips (2) into the designated fixtures on the pop-up roof and engage them.

ⓘ When you close the pop-up roof, the safety net may remain attached.

To get into or leave the roof bed, you have to unhook only the front retaining clips.

## Interior lighting

### Overview of interior lighting

Your vehicle is also equipped with the following lights:

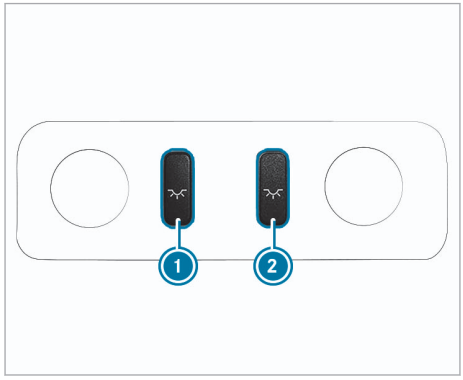
- Reading lamps on the pop-up roof (manually selectable)
- Ambient lighting for the kitchenette (manually selectable)
- Main light on the roof frame between the B-pillar and C-pillar (automatically and manually selectable)
- Reading lamps above the seat/bunk combination (manually selectable)
- Reading lamps beside the roof stowage box (manually selectable)

Switch the automatically controlled interior lighting off at night to avoid disturbing fellow travellers when you open a door. Observe the information about the automatically controlled interior lighting (see the Owner's Manual for the vehicle).

ⓘ You can switch the lamps on the roof frame and above the seat/bunk combination on/off manually at any time.

### Switching the reading lamps in the roof lining on/off

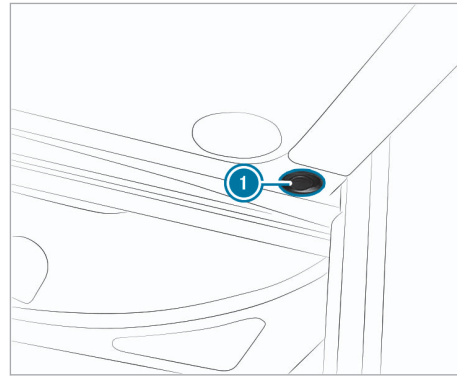
#### Reading lamps above the seat/bunk combination




There are two reading lamps in the roof lining above the seat/bunk combination. The reading lamps can be switched on manually.

▶ **To switch on or off:** press corresponding button ① or ②.

#### Reading lamps on the roof stowage box




The reading lamps are on the left and right on the roof stowage box. The reading lamps can be switched on manually.

ⓘ The reading lamps are supplied via the auxiliary battery.

▶ **To switch on:** push rocker switch ① to position 1.

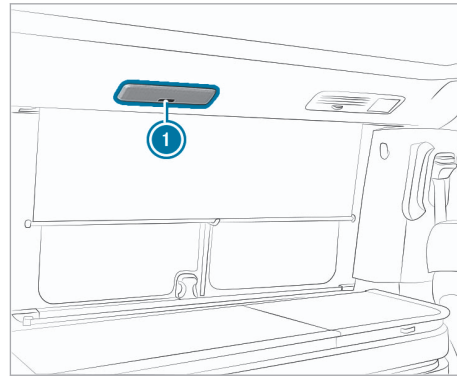
▶ **To switch off:** push rocker switch ① to position 0.

### Main light in the roof frame

#### Switching the main light on the roof frame on/off

Multimedia system:

Marco Polo ▸▸ Light ▸▸ Main light




The main lights on the left and right between the B and C pillars in the roof frame can be selected automatically and manually. The main lights are dimmable.

- **To switch on/off using MBAC:** select ⏻.
- **To switch on/off manually:** press button 1.
- **To adjust the brightness:** when the main light is switched on, press and hold button 1 again until the desired brightness is set.

ⓘ If you switch off the main light via button 1 or ⏻ in the multimedia system, both LED lamps will be switched off.

### Adjusting the main light in the roof frame

Multimedia system:

→ Marco Polo ▸▸ Light ▸▸ Main light

- **To adjust the brightness:** select ✎.
- Adjust the brightness.
- **To adjust the colour temperature:** select ✎.
- Adjust the colour temperature.

## Ambient lighting

### Switching the ambient lighting in the kitchenette on/off

Multimedia system:

→ Marco Polo ▸▸ Light ▸▸ Ambient lighting

The ambient lighting in the kitchenette is located on the lower edge of the kitchenette.

- **To switch the ambient lighting on/off:** select ⏻.

### Adjusting the ambient lighting in the kitchenette

Multimedia system:

→ Marco Polo ▸▸ Light ▸▸ Ambient lighting

- **To adjust the brightness:** select ✎.
- Adjust the brightness.
- **To adjust the colour temperature:** select ✎.
- Adjust the colour temperature.

## Reading lamps in the pop-up roof

### Switching the reading lamps on the pop-up roof on/off

**!** **NOTE** Damage due to reading lamps protruding into the roof area

During the closing process, the pop-up roof can damage the reading lamps or the boot.

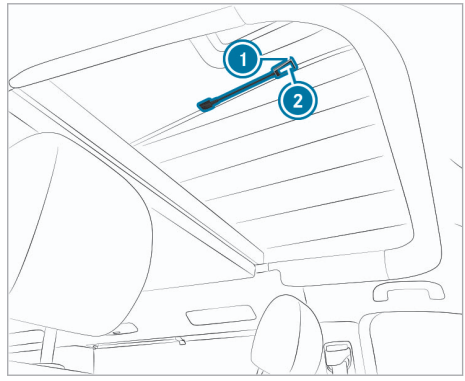
- Before closing the pop-up roof, make sure that the reading lamps do not protrude into the roof area.

**!** **NOTE** Damage to property caused by the reading lamps overheating

If the reading lamps are switched on, they may overheat when the pop-up roof is closed.

Surrounding components may be damaged by the heat.

- Switch the reading lamps off and allow them to cool down before closing the pop-up roof.



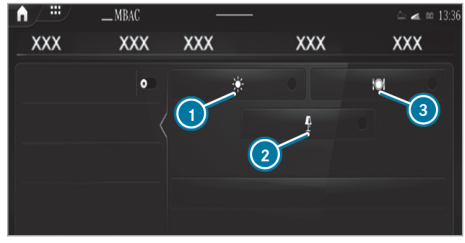

There are two reading lamps with a flexible swan necks 2 located on the pop-up roof. You can adjust the brightness in stages.

- **To switch on/off:** press button 1 repeatedly until the desired brightness is set or the reading lamp goes out.

## Light scenarios

### Information about lighting schemes

The lighting schemes adjust the exterior and ambient lighting in different scenarios.




Lighting schemes

1. Dynamic: exterior lighting
2. Comfort: ambient light
3. Balance: exterior lighting and ambient light

## Setting lighting schemes

Multimedia system:

Marco Polo ▸▸ Light ▸▸ Lighting schemes

### Switching lighting schemes on/off

- **To set dynamic:** select Lighting scheme: dynamic.
- **To set balance:** select Lighting scheme: balance.
- **To set comfort:** select Lighting scheme: comfort.
- **To switch off lighting schemes:** select Off.

ⓘ When you switch off the lighting schemes, the lights will remain switched on. You can switch the lights off using All lights.

### Setting lighting schemes

You can adjust the light settings (brightness and colour temperature) of the lighting scheme individually.

- Set the main light and ambient light as desired.
- Select the Lighting schemes menu item.
- Select Save current settings.
- Select the lighting scheme that you would like to overwrite.
  The previous settings of the selected lighting scheme will be overwritten with the current settings.

## Instructions for replacing illuminants

Have the LED lights of the interior lighting replaced at a qualified specialist workshop.

## Function of active levelling

**WARNING** Danger of trapping as vehicle is lowered

As the vehicle is lowered, any individual who has any part of their body between the vehicle body and the tyres, or underneath the vehicle, risks becoming trapped.

- Ensure that there is nobody in the immediate area of the vehicle while it is being raised or lowered, and that the site conditions underneath the vehicle floor and above the vehicle roof preclude the possibility of the vehicle bottoming out or bumping something above it.

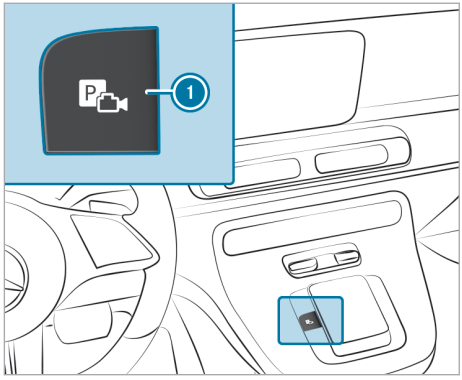
The vehicle level depends on the load condition and load distribution.

Active levelling can be used to make up for an unevenness in the ground of 2–3°.

## Activating and deactivating the levelling system

Multimedia system:

Marco Polo ▸▸ Vehicle ▸▸ Levelling




- **To activate levelling: select** Levelling.

  The following preconditions must be met before levelling can be started:
  - Uphill gradient OK (Parking location sufficiently level)
  - The vehicle has been started.
  - The transmission is in position P.
  - The seat belt tongue is not inserted into the seat belt buckle on the driver's seat.
  - All the doors are closed.
  - The steering wheel in the straight-ahead position
  - The parking brake has been released.
  - The brake pedal is not depressed.
- Confirm the preconditions for levelling in the media display.
- Press and hold the button Active Parking Assist until levelling has ended.
- Apply the parking brake.
- **To show vehicle inclination: select** Spring travel/vehicle tilt.
  The vehicle inclination will be displayed.
- **To deactivate levelling:**
  Levelling is automatically deactivated when the transmission position P is left or the vehicle is raised to a high level.

When active levelling is deactivated, the message Max. speed 20km/h appears on the display.
If the maximum permissible speed is exceeded, the message Max. speed 20km/h lights up red on the display.

**WARNING** Risk of accident and injury caused by an insufficiently secured vehicle rolling away

If the vehicle is not securely parked sufficiently, it can roll away in an uncontrolled way even at a slight downhill gradient.

- On uphill or downhill gradients, turn the front wheels so that the vehicle rolls towards the kerb if it starts moving.
- apply the parking brake.
- Switch the transmission to position P.

## Stationary heater (hot-air auxiliary heater)

### Notes on the stationary heater

**DANGER** Risk of fatal injury due to poisonous exhaust gases

If the tailpipe is blocked or sufficient ventilation is not possible, poisonous exhaust gases such as carbon monoxide may enter the vehicle. This is the case in enclosed spaces or if the vehicle gets stuck in snow, for example.

- Always switch the stationary heater off in enclosed spaces without an air extraction systems, e.g. in garages.
- Keep the tailpipe and the area around the vehicle free from snow when the engine or the auxiliary heating is running.
- Open a door or a roof hatch on the windward side of the vehicle to ensure an adequate supply of fresh air.

**DANGER** Risk of fatal injuries if the vehicle is switched off in unsuitable locations when the switch-on time of the stationary heater has been pre-selected.

If sufficient ventilation is not ensured, toxic exhaust gases may accumulate.

If highly flammable or combustible materials are in the vicinity, there is a risk of fire and explosion.

- If the vehicle is switched off under these or similar conditions, always deactivate the preselected switch-on times.

**DANGER** Risk of fatal injuries if the stationary heater is switched on due to exhaust gases in the awning

If you switch the stationary heater on while the awning is attached, exhaust gases may accumulate in the awning.

- Always switch the stationary heater off when there are people in the awning.

**WARNING** Risk of fire due to hot stationary heater components and exhaust gases

Flammable materials such as leaves, grass or twigs may ignite.

- When the stationary heater is switched on, make sure that:
  - hot vehicle parts do not come into contact with flammable materials.
  - the exhaust gas can flow out of the stationary heater exhaust pipe unhindered.
  - the exhaust gas does not come into contact with flammable materials.

**WARNING** Risk of burns due to insufficient distance from the outlet opening of the stationary heater

When the stationary heater is switched on, very hot air may escape from the outlet opening at the rear of the driver's seat base.

This may result in burns in the immediate vicinity of the outlet opening.

- Always ensure that all vehicle occupants maintain a sufficient distance from the outlet opening.

**NOTE** Battery discharge caused by stationary heater or stationary ventilation operation

Operating the stationary heater or stationary ventilation drains the battery.

- After heating or ventilating the vehicle twice, drive for a longer period of time.

**NOTE** Damage to the auxiliary heating

If the auxiliary heating is not used for an extended period of time, it can be damaged.

- Switch the auxiliary heating on for around ten minutes at least once a month.

**NOTE** Damage to the auxiliary heating due to overheating

If the flow of hot air is blocked, the auxiliary heating may overheat and switch off.

- Do not block the flow of hot air.

ⓘ The intake opening is located beneath the driver's seat. The outlet opening is located on the rear of the driver's seat base. Keep both openings free at all times.

ⓘ Heating mode is possible without restriction up to an elevation of 2,000 m above sea level, and more than 2,000 m above sea level if the vehicle remains above this elevation only briefly, e.g. for rest breaks or in mountainous terrain.

The stationary heater works independently of the engine and automatically controls the set temperature.

You can operate the stationary heater via the MBAC.

The following requirements must be met to enable the stationary heater to function:

- the fuel tank must be filled to at least the reserve level
- the voltage of the auxiliary battery must be more than 11.5 V

## Switching the stationary heater on/off

Multimedia system:

→ Marco Polo ▸▸ Living ▸▸ Heating

▶ **To switch the stationary heater on:** select Heating.
will appear on the symbol panel.
The status display in the function area will be coloured blue.
The stationary heater has been switched on.

ⓘ After switching on, the stationary heater requires three minutes to start up.

▶ **To switch the stationary heater off:** select Heating.
will disappear from the symbol panel.
The status display in the function area will not be coloured blue.
The stationary heater has been switched off.

## Setting the vehicle interior temperature

Multimedia system:

→ Marco Polo ▸▸ Living ▸▸ Heating

▶ Set the desired temperature with ∧ and ∨.

## Using the stationary heater time control

Multimedia system:

→ Marco Polo ▸▸ Living ▸▸ Heating

You can save up to four time controls. Activated switch-on times apply to the marked days.

▶ **To add time control:** press the ✎ button next to Time control.
The settings menu will open.
▶ Set the desired time.
▶ Select the desired days.
▶ Press ok to confirm.
▶ Set the desired temperature with ∧ and ∨.
▶ **To activate time control:**
▶ Press Time control.
If the time control has been activated, the status display in the function area will be coloured blue.
will appear on the symbol panel.
The stationary heater will switch on at the set time.
▶ **To change an entry:** select ✎ next to the entry.
▶ **To delete an entry:** select 🗑 next to the entry.

## Using night-time reduction

Multimedia system:

→ Marco Polo ▸▸ Living ▸▸ Heating ▸▸ Night-time reduction

▶ **To add night-time reduction:** press the ✎ button next to Night-time reduction.
The settings menu will open.
▶ Set the desired temperature and select the desired time frame.
▶ Press ok to confirm.
▶ **To activate night-time reduction:** press Night-time reduction.
If night-time reduction has been activated, the status display in the function area will be coloured blue.
will appear on the symbol panel.
Night-time reduction will be activated at the selected time.

## Sink

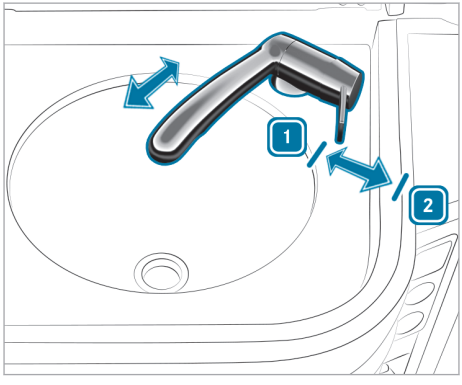
### Operating the tap at the sink

**!** **NOTE** Damage to the water pump due to dry running

The water pump must not be operated if it is empty.

If the water pump in the fresh water tank has not been filled sufficiently, it may be damaged.

▶ Check the fill level in the fresh water tank prior to use.




1 To turn on
2 To turn off

The sink is located to the right of the gas stove in the kitchenette.

When you use the water tap, the following requirements must be met:

- The fresh water tank must be sufficiently filled (⟶ page 41).
- The waste water container must still have enough capacity for the waste water (⟶ page 42).

▶ Turn the water tap on 2.
The water pump will switch on automatically.

ⓘ You can move the tap up and down, e.g. to insert a washing-up bowl.

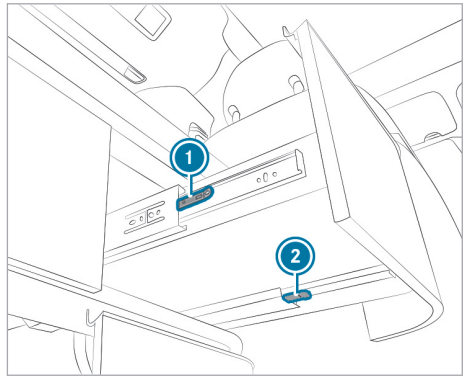
ⓘ If the fill level of the fresh water tank is below 25%, the water pump will switch off after 60 seconds. You will then be able to turn the water tap on again.

### Cleaning the drain

If the drain of the sink is blocked and the water is flowing away only slowly or not at all, you must clean the drain.

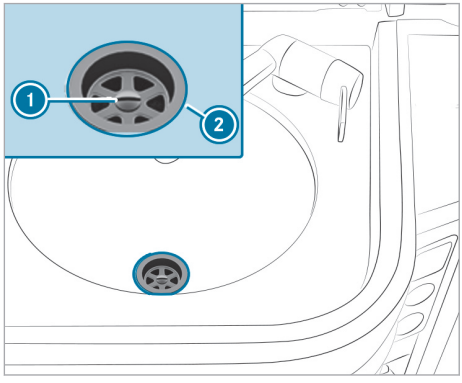
▶ Pull out the drawer beneath the sink as far as it will go.

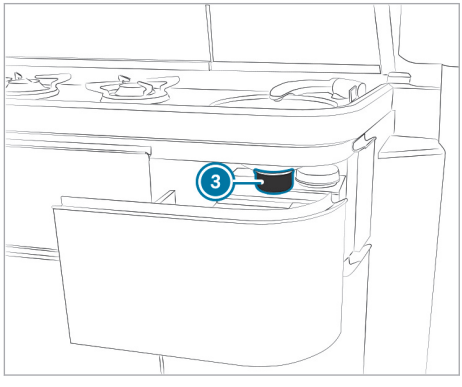
▶ Empty the drawer.




▶ Pull release levers ① and ② on the two pull-out rails.
The drawer will be released from the pull-out rails.

▶ Pull the drawer forwards out of the cupboard.




1. Screw
2. Drain strainer with sealing ring
3. Odour trap with sealing ring

- Place a collecting pan for wastewater, e.g. a bowl, beneath the sink's odour trap (3).
- Hold odour trap (3) and unscrew screw (1).
- Remove drain strainer (2) with the sealing ring and screw (1).
- Remove the sealing ring from odour trap (3).
- Clean odour trap (3), ensuring that the odour trap is firmly connected to the drain hose.
- Assemble the drain in reverse order, ensuring that the sealing rings are in the correct positions and only finger-tightening screw (1).
- Slide the drawer onto the pull-out rails.
- Close the drawer.
  The drawer will engage in the pull-out rails.

## Gas cooker

### Notes on the gas stove

**DANGER** Risk of fatal injuries if there is insufficient ventilation while the gas cooker is in operation

Oxygen consumption can result in loss of consciousness.

- Ensure sufficient ventilation while the gas cooker is in operation.
- Never use the cooker flames for heating purposes.

**WARNING** Risk of fire and injury if the gas cooker is handled incorrectly

The open flame results in a risk of fire and injury!

- Never leave the switched-on gas cooker unattended.
- Always comply with the following instructions and safety notes for operating the gas cooker.

**ENVIRONMENTAL NOTE** Only use the gas stove with optimum energy usage

- Select a pot with a diameter of between 16 cm and 20 cm.
- Do not use any pots with a convex base.
- Position the pots so that they are centred above the flames.
- Select a suitable flame size – the stove flame should not rise up beside the base of the pot or pan.

**NOTE** Damage to the kitchenette cover due to improper handling

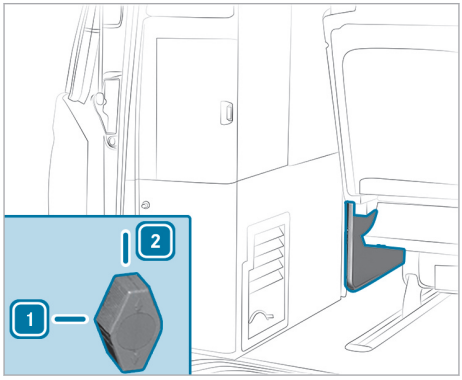
- Do not place any hot objects on the kitchenette cover.
- Always open both kitchenette covers before using the gas stove.
- Close the kitchenette covers before driving off.

- While the gas stove is in operation, keep flammable materials, particularly oil and grease, away from the stove flame. This also applies to

plastics, because they can not only burn but also melt.

- Do not heat oil or grease excessively.
- Do not allow the handles of pots or pans to protrude beyond the edge of the gas stove. If you do, things could be knocked off the stove.
- Select pots and pans with a diameter that ensures the flame from the stove does not climb up the sides.
- Use only pots and pans with a maximum diameter of 20 cm. Otherwise, the surrounding covers and the control valves will be damaged by the heat.
- When the gas stove is in operation, do not leave it unattended, particularly if there are children in the vehicle.
- Do not use damp cloths to handle pots or pans, as they can become very hot.

## Opening and closing the gas shutoff valve




1 Open
2 Closed

The gas shut-off valve is located below the refrigerator box.

- **To open:** set the gas shutoff valve to position 1.
  The gas shutoff valve will be opened and the gas stove will be supplied with gas.
- **To close:** set the gas shutoff valve to position 2.

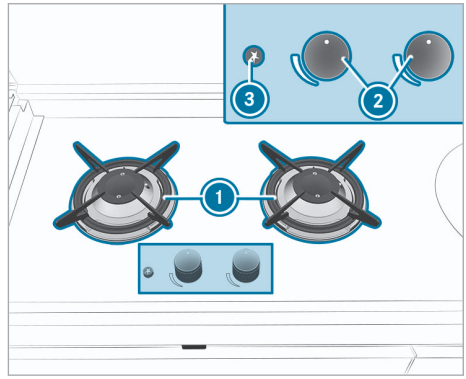
## Operating the gas stove

Requirements:

- The gas bottle is connected to the gas system.
- The main shutoff valve on the gas bottle is open.
- The gas shutoff valve is open.
- The sliding window in the kitchen area is open.
- The pop-up roof is open for the purpose of forced ventilation.

### Switching the gas stove on

The gas stove is located next to the sink in the kitchenette.




- Fold up the covers of the sink and gas stove.
- Press and hold control knob (2) for desired gas stove (1) and turn anti-clockwise as far as it will go (no flame).
- Briefly press the electric igniter (3).
  The gas being released will be ignited.
- When the stove flame is burning, press and hold control knob (2) for another 15 seconds or so.
  The flame failure device will be bypassed.

ⓘ If the stove flame does not ignite immediately, turn control knob (2) a ¼ turn further in a clockwise direction (large flame) and repeat the ignition procedure.

### Adjusting the flame size

- **To increase the size of the small flame:** turn control knob (2) a ¼ turn in a clockwise direction.
- **To reduce the size of the large flame:** turn control knob (2) a ¼ turn in an anti-clockwise direction.

ⓘ The flame must not climb up the base of the pot or pan.

### Switching the gas stove off

- Turn control knob ② clockwise as far as it will go.
- Set the gas shutoff valve vertically to [2]. The gas shutoff valve will close.
- Leave the gas stove to cool down.
- If necessary, close the covers of the sink and the gas stove.
- Before commencing your journey, close the main shutoff valve on the gas bottle (→ page 38).

## Refrigerator box

### Notes on the refrigerator box

The refrigerator box is filled with the refrigerant R134a. R134a refrigerant contains fluorinated greenhouse gas.

Maintenance work, such as topping up the refrigerant or replacing components, may be carried out only by a qualified specialist workshop. All the applicable regulations relating to this and the SAE J639 standard must be adhered to.

Have all work on the refrigerator box carried out at a qualified specialist workshop.

**ENVIRONMENTAL NOTE** Optimum energy usage of the refrigerator box

- Cool the refrigerator box before placing chilled goods in it. The chilled goods will then be cooled immediately.
- Do not store any hot foodstuffs in the refrigerator box. Let hot chilled goods cool down before placing them in the refrigerator box.
- To prevent ice formation, do not open the refrigerator box unnecessarily. Ice reduces the efficiency and causes a decline in the cooling output of the refrigerator box.
- Do not fill the refrigerator box to capacity. Otherwise, the circulation of the cooling air will be impaired.

### Switching the refrigerator box on/off

Multimedia system:

Marco Polo ▸▸ Living ▸▸ Coolbox

- **To switch on the refrigerator box:** select [⏻]. [❄] will appear on the symbol panel.

  The status display in the function area will be coloured blue.

  The refrigerator box will be switched on.
- **To switch off the refrigerator box:** select [⏻]. [❄] will disappear from the symbol panel.

  The status display in the function area will not be coloured blue.

  The refrigerator box will be switched off.

ⓘ Once you have switched the refrigerator box off, the compressor will not be able to switch back on again for three minutes.

### Adjusting the cooling level

Multimedia system:

Marco Polo ▸▸ Living ▸▸ Coolbox

- Switch the refrigerator box on (→ page 39). The display will show the cooling level that is currently set.
- Adjust the cooling level with [∧] and [∨].

You can set the following cooling levels:

- 1 (approximately 8 °C)
- 2 (approximately 5 °C)
- 3 (approximately 1 °C)
- 4 (approximately -3 °C)
- 5 (approximately -10 °C)
- 6 (approximately -18 °C)

ⓘ From cooling level 3, [❄] will appear on the symbol panel and items in the refrigerator box may freeze.

The cooling temperature is dependent on:

- the ambient temperature
- the fill level of the refrigerator box
- how frequently it is opened

You should therefore check the cooling temperature regularly. Approximate cooling temperatures are measured 10 cm above the bottom of the refrigerator box.

## Rectifying problems with the refrigerator box

Some malfunctions are shown in the form of warning messages on the multimedia system display.

**appears in the multimedia system display.**
Refrigerator box.

Possible causes:

- The temperature of the refrigerator box is more than 20°C.

- Check whether the cover of the refrigerator box is closed.
- Switch the refrigerator box off and back on.
- If the warning message still appears, consult a qualified specialist workshop.

**appears in the multimedia system display.**
The temperature of the refrigerator box can be set to 1 or 6.

Possible causes:

- The refrigerator box's temperature sensor is faulty. It is only possible to use the refrigerator box in continuous operation.

- Have the temperature sensor checked at a qualified specialist workshop.

**The refrigerator box automatically switches off or cannot be switched on.**

Possible causes:

- The refrigerator box has switched off due to undervoltage.

- Charge the auxiliary battery (⟶ page 49).

**The refrigerator box automatically switches off or cannot be switched on.**

Possible causes:

- The electrical fuse is faulty.

- Replace the electrical fuse (⟶ page 49).
- Have the cause of the faulty fuse investigated at a qualified specialist workshop.

# Water supply

## Fresh water tank

### Notes on the fresh water tank

**NOTE** Damage to the water pump due to dry running

The water pump must not be operated if it is empty.

If the water pump in the fresh water tank has not been filled sufficiently, it may be damaged.

- Check the fill level in the fresh water tank prior to use.

**NOTE** Damage to the water supply due to freezing

Water in the fresh and grey water tank can freeze in winter and damage the tanks.

- If the water supply is not required in winter, empty the fresh and grey water tank.

The water pump in the fresh water tank carries water to the tap at the sink, and to the connection for the outside shower at the rear. The water pump will be switched on automatically when the item of equipment in question is being used.

If you have any doubt about the cleanliness of the fresh water, add disinfectant to the fresh water as a precaution. You can obtain disinfectants from camping shops and chemists.

### Displaying the fill level of the fresh water tank

Multimedia system:

Marco Polo ▸▸ Supply ▸▸ Fresh water

- Select Fresh water.

The display will show the fill level for the fresh water tank. A level of 100% denotes a full fresh water tank. If 25% is displayed, there the amount of fresh water left in the tank is around 9 l.

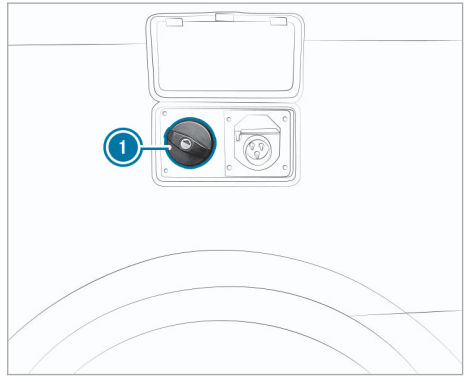
ⓘ When the fill level of the fresh water tank is below 25%, the red symbol will be permanently displayed on the symbol panel of the MBAC.

### Filling the fresh water tank

**NOTE** Risk of damage due to pressure filling system

If the fresh water tank is filled via a pressure filling system, the vehicle interior may be flooded and damaged.

- Do not use a pressure filling system to fill the fresh water tank.




The filler neck for fresh water tank 1 is located behind the service flap in the rear area on the driver's side.

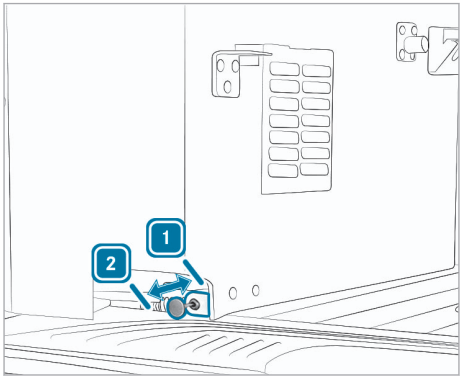
- Fold the service flap upwards.
- Unlock the cap on filler neck 1 with the key.
- Turn the cap anti-clockwise and remove it.
- Pour in the fresh water.
- Place the cap on filler neck 1 and turn it to the right as far as the first detent.
- Close the cap with the key.
- Close the service flap and push it down on both sides so that both catch lugs engage.

ⓘ When cornering and when the fresh water tank is full, small quantities of fresh water may leak out via the forced ventilation beside the cap.

### Emptying the fresh water tank

If you do not use the water supply for several days, empty the fresh water tank.

- Park the vehicle on level ground to empty the fresh water tank completely.
- Turn on the tap on the sink.




- Pull the shutoff valve out to move it to position 2 and wait one hour.
  The tank contents and the fresh water from the hose lines of the consumer equipment will drain away beneath the vehicle floor.
- Wait one hour.
- Once the fresh water system has been emptied, push the shutoff valve in to move it to position 1.
- Turn off the tap on the sink.
- If the water supply is not used for several weeks, unscrew the cap of the cleaning opening (→ page 58). The residual humidity in the fresh water tank may evaporate.

## Grey water tank

### Notes on the grey water tank

**WARNING** Risk of injury due to grey water that is hazardous to health

Grey water can be toxic and hazardous to health if it is swallowed or comes into contact with skin or eyes.

- When handling grey water, wear protective gloves as protection against chemicals and microorganisms as well as safety glasses.
- Collect the grey water in the grey water tank provided for this purpose and empty it regularly.
- Clean the grey water tank and additional collecting receptacles regularly with disinfectant according to the instructions.
- Do not use the additional collecting receptacles for other purposes.

You can obtain disinfectants from camping shops and chemists.

**NOTE** Damage to the water supply due to freezing

Water in the fresh and grey water tank can freeze in winter and damage the tanks.

- If the water supply is not required in winter, empty the fresh and grey water tank.

**ENVIRONMENTAL NOTE** Environmental pollution due to uncontrolled overflowing of the grey water tank

If the grey water tank is not drained in a timely manner, it can overflow and contaminate the soil.

- Drain the grey water tank in good time so that the grey water does not overflow.
- Empty the grey water at a disposal station in an environmentally friendly manner.

**ENVIRONMENTAL NOTE** Environmental pollution due to disposal in a non-environmentally responsible manner

- Dispose of grey water in an environmentally responsible manner

Some campsites in Germany offer suitable facilities for disposing of grey water directly. You can find their addresses in the documents for motor-caravaners (publisher: CIVD/Caravaning Industrie Verband Deutschland) and from camping guides.

If such facilities are not available, collect the grey water in suitable tanks. Then pour it into the public sewage system.

Do not pour the grey water into the rainwater system.

### Displaying the fill level of the grey water tank

Multimedia system:

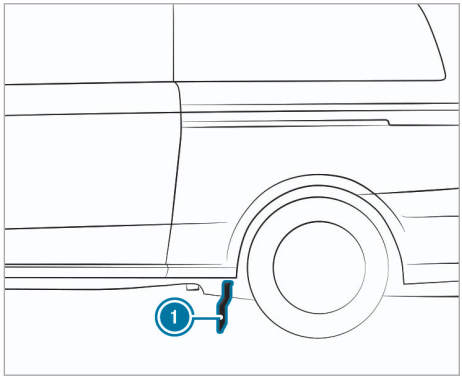
Marco Polo ▸▸ Supply ▸▸ Grey water

- Select Grey water.

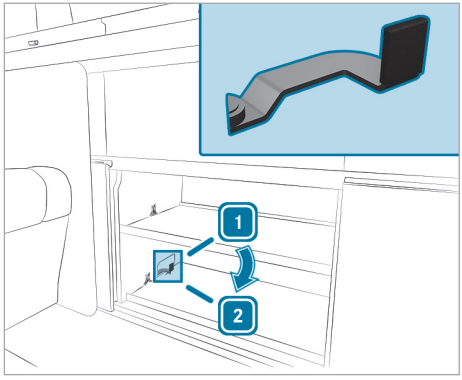
The display shows the fill level for the grey water tank. A level of 100% denotes a full grey water tank. The grey water tank can hold a maximum of 40 l.

ⓘ When the grey water tank is full, the red symbol will be displayed on the symbol panel of the MBAC.

## Emptying the grey water tank




- If there is a waste water disposal facility at the campsite, guide the hose on the underside of the vehicle ① into the waste water disposal facility.
- Open the cupboard beneath the gas stove.




1 Shutoff valve closed
2 Shutoff valve open

- Open the shutoff valve for the grey water tank 2.
  - The tank contents will drain away through the hose ① beneath the vehicle floor.
  - will disappear from the MBAC symbol panel.
- Once the grey water tank has been emptied, close the shutoff valve 1.

## Rectifying problems with the washer fluid reservoirs

**is displayed in white on the symbol panel.**

Possible causes:

- The fresh water tank is less than 50% full.

- Fill the fresh water tank (→ page 41).

**is displayed in red on the symbol panel.**

Possible causes:

- The fresh water tank is less than 25% full.

- Fill the fresh water tank (→ page 41).

**The fill level display of the fresh water tank is red and showing 25%.**

Possible causes:

- The fresh water tank is almost empty.

- Fill the fresh water tank (→ page 41).

**The fill level display of the fresh water tank is showing 0%.**

Possible causes:

- The fresh water tank is almost empty.

- Fill the fresh water tank (→ page 41).

**is displayed in white on the symbol panel.**

Possible causes:

- The grey water tank is more than 75% full.

- Empty the grey water tank (→ page 43).

**is displayed in red on the symbol panel.**

Possible causes:

- The grey water tank is full.

- Empty the grey water tank (→ page 43).

**The fill level display of the grey water tank is red and showing 75%.**

Possible causes:

- The grey water tank is almost full.

- Empty the grey water tank (→ page 43).

**The fill level display of the grey water tank is red and showing 100%.**

Possible causes:

- The grey water tank is full.

- Empty the grey water tank (→ page 43).

**The symbol for the grey water tank is crossed out.**

Possible causes:

- The fill level sensor of the grey water tank is faulty.

▶ Have the fill level sensor checked at a qualified specialist workshop.

## Gas system

### Notes on the gas system

⚠ **DANGER** Risk of explosion if modifications are made to the gas system

You could jeopardise the operational safety of the gas system as a result of modifications or incorrectly performed work. If gas escapes, you could suffocate or the gas may ignite.

▶ Only have work on the gas system carried out at a qualified specialist workshop.

▶ If changes are made or screw connections of the line system are loosened, have a leak tightness and function test carried out at a qualified specialist workshop.

▶ The gas system may only be supplied with butane gas from the gas cylinder described.

A leak tightness and function test of the gas system must be performed and confirmed by a qualified specialist workshop every two years. You are responsible for organising this test.

Depending on the law, different regulations may apply to vehicles used for commercial purposes. The gas system must then be checked in accordance with the regulations of the trade association, for example.

The gas system comprises the following:

- Gas stove
- Gas shutoff valve for the gas stove
- Pipe system

The gas system is supplied with butane gas from a gas bottle containing a maximum of 2.75 kg (net) of Camping Gaz 907.

### Replacing the gas bottle

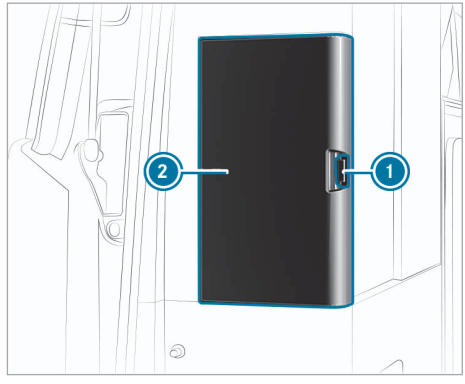
⚠ **WARNING** Risk of fire and explosion when replacing the gas bottle

Gas is highly flammable and explosive.

▶ Before replacing the gas bottle, close the gas shutoff valve of the gas stove and the main shutoff valve of the gas bottle.

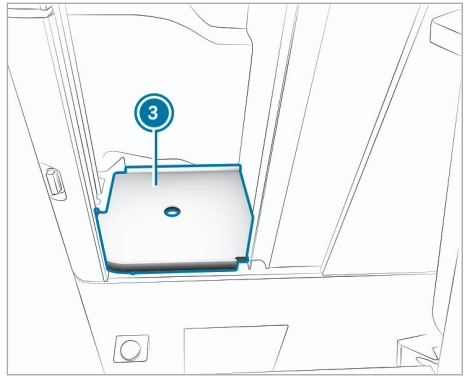
▶ It is imperative that you avoid fire, naked flames, smoking and creating sparks.

The gas bottle container is located beneath the wardrobe in the rear area.

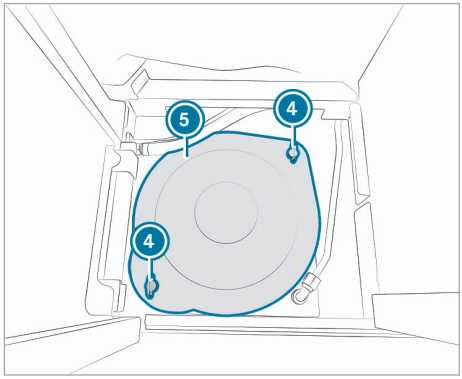



▶ **To remove:** close the gas shutoff valve (⟶ page 38).

▶ Push release catch (1) and open wardrobe door (2).

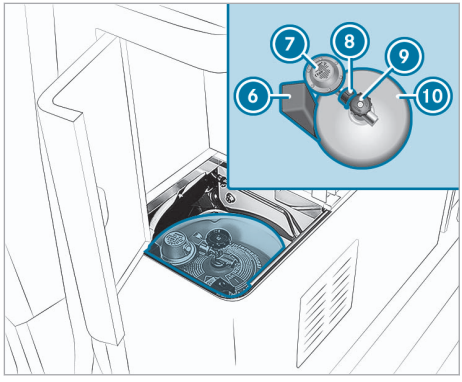



▶ Remove false floor (3) in the wardrobe.




(4) Quick-release fasteners
(5) Cap of the gas bottle container

- Turn quick-release fasteners (4) roughly a ¼ turn to the left.
- Remove the cap of gas bottle container (5).




(6) Clamping wedge
(7) Pressure regulator (30 mbar)
(8) Union nut
(9) Main shutoff valve
(10) Gas bottle

- Turn main shutoff valve (9) of gas cylinder (10) to the right to close.
- Loosen union nut (8) by turning it clockwise (left-hand thread) and remove pressure regulator (7) from gas bottle (10).
- Remove clamping wedge (6) together with gas bottle (10).
- **To install:** if necessary, remove the cover cap or the transportation lock from the gas bottle and screw main shutoff valve (9) on with the safety valve.
- Check the forced ventilation in the base of the gas bottle container.
  The base ventilation must not be sealed.
- Insert gas bottle (10) into the gas bottle container and align it as shown in the picture.
- Fasten gas bottle (10) with clamping wedge (6) at the location shown in the picture so that it is secured against turning.

ⓘ The gas bottle container has a recess for the clamping wedge.

- Attach pressure regulator (7) to main shutoff valve (9) and tighten union nut (8) by turning it anti-clockwise. Ensure that the bolt connection with main shutoff valve (9) of gas bottle (10) is tight.
- Align and attach cap (5) of the gas bottle container.

ⓘ The recesses on the cap for the quick-release fasteners have different radii.

- Press quick-release fasteners (4) downwards slightly and turn them roughly a ¼ turn to the right.
  Cap (5) of the gas bottle container will be sealed.
- Insert the wardrobe's false floor (3).
- Close wardrobe (2).

ⓘ You can find information about the gas stove and gas shutoff valve in the "Kitchen" section (⟶ page 37).

## Electrical system

### Information on the electrical system

The vehicle has the following two sources to supply power to the electrical system:

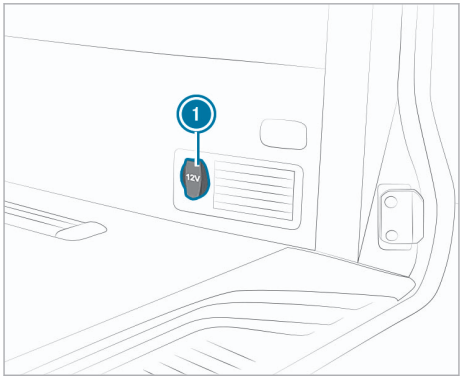
- 12 V on-board electrical system (direct voltage)
  Power supply via the auxiliary battery or via a 230 V mains connection (shore power).
- 230 V power supply (AC voltage)
  Power supply via the 230 V mains connection (shore power).

The starter battery and the auxiliary battery are connected. The starter battery and the auxiliary battery are therefore charged through the 230 V mains connection (shore power).

## 12 V sockets

Requirements:

- The power supply is switched on.
- Only devices with up to a maximum of 120 watts are permissible per socket.



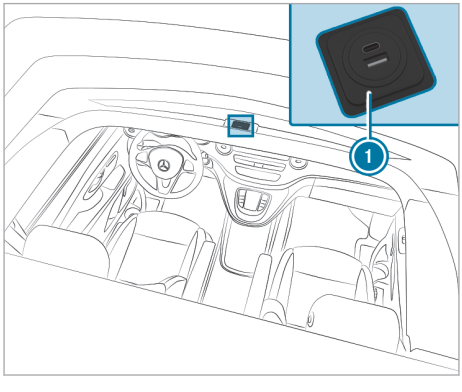

Example: 12 V socket

Your vehicle may be equipped with the following 12 V sockets (1):

- in the front centre console
- in the right side panel in the rear
- in the right side panel in the load compartment

ⓘ If the vehicle is not started, electrical consumers may deep-discharge the starter battery. In this case you cannot start the vehicle.

## USB ports




Your vehicle has four additional USB ports:

- two behind the driver's seat on the front face of the kitchen unit
- two on the roof frame in the front section of the pop-up roof (1)

ⓘ Each USB port has a USB-C and a USB-A connection.

Using these USB ports, you can charge consumers with a USB cable. Disconnect any consumers from the USB ports in the pop-up roof before closing the pop-up roof.

ⓘ The USB ports are supplied with current from the 230 V and 12 V on-board electrical system.

## 230 V power supply

### Connecting and disconnecting the 230 V power supply

**WARNING** Risk of fire due to unsuitable power supply cable

If the power supply cable is too long or has too small a cross-section, it can become very hot.

- Only use extension cables with a cross-section of at least 2.5 $mm^2$ and a maximum length of 25 m.
- Mercedes-Benz recommends using a power supply cable from the range of accessories for your vehicle.
- When using a cable drum, extend the cable fully.

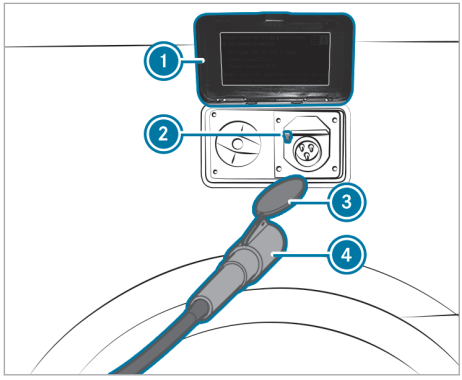
**NOTE** Risk of damage due to insufficient voltage

If the 230 V power supply is used with a lower voltage than indicated, this leads to damage and thus inevitably to failure of the charging device.

- Ensure that the necessary voltage (230 V/50 Hz) is provided via the mains power supply.
- If the necessary voltage cannot be guaranteed, a transformer must be used in order to ensure the necessary voltage and prevent failure of the charging device.
- You can obtain further information from a Mercedes-Benz service centre.

230 V power is supplied via a plug and socket arrangement in accordance with CEE- 16/CEE-17 (European standard). The power supply cable is available as an accessory part. You can obtain it from a Mercedes-Benz Service Centre.

The 230 V power supply is located, together with the fresh water filler neck, behind a service flap in the rear area on the driver's side.




1 Service flap with information label
2 Lever on the 230 V power supply
3 Socket cover
4 Power supply cable

**Please follow the charging instructions in the operating manual.**

- Plug type: CEE-16 / CEE-17 (blue)
- Rated voltage: 230 V
- Rated frequency: 50 Hz

**Note:** Inappropriate usage of the mains connection can lead to damage and thus inevitably to charger failure!

Information label in the service flap (example)

### Connecting the 230 V power supply

- Open the service flap 1.
- Connect power supply cable 4 to the 230 V power socket. Ensure that socket cover 3 of power supply cable 4 is inserted completely into the opening on the socket.
- Fold down service flap 1.
- Connect power supply cable 4 (with extension lead if necessary) to the 230 V mains.
- Switch on the ground fault circuit breaker and check (⟶ page 47).

### Disconnecting the 230 V power supply

You must disconnect the power supply before starting your journey. Otherwise, a continuous warning tone sounds after the vehicle is switched on, to warn against moving off.

- Switch off the ground fault circuit breaker.
- Disconnect power supply cable 4 from the 230 V mains.
- Open the service flap 1.
- Press lever 2 down and remove power supply cable 4 from the 230 V socket.
- Close the service flap 1 and push it down on both sides so that both locking catches engage.

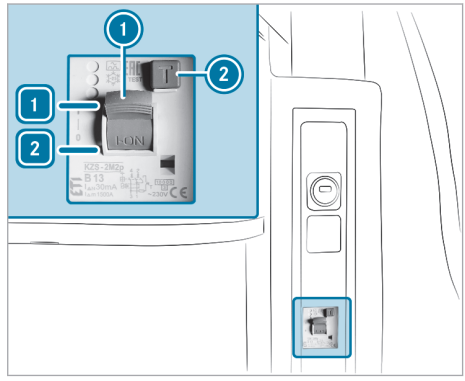
## Operating the ground fault circuit breaker

### Switching on or off

The ground fault circuit breaker 1 is behind the driver's seat on the front face of the kitchen unit.

The ground fault circuit breaker switches off automatically:

- in the event of a residual current of 30 mA (occupant protection)
- if the mains supply circuit is overloaded (over 13 A) or if there is a short circuit (cable protection)



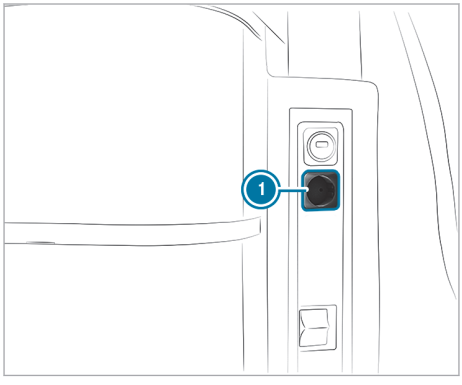

- **To switch on:** set connection terminal 1 to position 1.
- **To switch off:** set connection terminal 1 to position 2.

ⓘ Check the ground fault circuit breaker every six months and every time the 230 V power supply is connected.

### Checking the function

- Move connection terminal ① into position [1].
- Press test button ②.
  Connection terminal ① moves into position [2].
- To reset, move the connection terminal to position [1].

## 230 V socket




The 230 V socket ① is behind the driver's seat on the front face of the kitchen unit.

The 230 V socket is ready for use (⟶ page 46) as soon as the 230 V power supply is connected and the ground fault circuit breaker is switched on (⟶ page 47).

ⓘ The 230 V socket is supplied with a child safety lock. When inserting plugs, a slight resistance is noticeable.

ⓘ Use of the 230 V socket with the Schuko plug system assumes that there is a nominal voltage of 230 V at 50 Hz through the external 230 V power supply.
Compatible devices should therefore be used at the connection point.

# Auxiliary battery

## Notes on the auxiliary battery

**!** **NOTE** Damage from charging an unsuitable auxiliary battery

The vehicle can be damaged if the auxiliary battery is replaced with a different type of battery and then charged via the battery charger.

Work carried out incorrectly or changes to the electrical system can jeopardise operating safety.

- Only exchange the auxiliary battery for an AGM battery of the same type.

or

- Have the auxiliary battery replaced at a qualified specialist workshop.

**!** **NOTE** Damage to the 12 V battery due to exhaustive discharging

The auxiliary battery may be damaged if the auxiliary battery has been exhaustively discharged for a period longer than eight weeks.

- You must charge the auxiliary battery within four weeks.

The auxiliary battery is located in the seat base of the driver's seat (see vehicle Operating Instructions).

If the battery is fully charged and no consumer is connected, the battery is protected against exhaustive discharge for four weeks.

ⓘ Extended periods of disuse without recharging limit the battery's capacity. Note that certain devices have an undervoltage protection or are respectively switched consecutively into standby mode.

## Displaying the state of charge of the auxiliary battery

Multimedia system:

⟶ Marco Polo ⏩ Supply ⏩ Auxiliary battery

- Select Auxiliary battery.

The display shows the state of charge of the auxiliary battery.

ⓘ When the voltage is below 11.8 V the [🔋] symbol appears in red in the symbol panel of the MBAC. The voltage of the auxiliary battery is low and the MBAC and consumers will be switched off. Charge the auxiliary battery to prevent deep discharging.

## Cancelling standby mode of the auxiliary battery

If the battery voltage of the auxiliary battery falls below 11.5 V, consumers will be switched off and the auxiliary battery is put into standby mode. Standby mode prevents the auxiliary battery from being drained further.

The following consumers are switched off in this order:

- Refrigerator box
- Stationary heater
- Pop-up roof
- Sensors, such as fill level sensors or outside temperature sensor

ⓘ The interior lighting and USB ports continue to function. If you use them, the battery voltage will decrease further.

▶ Charge the auxiliary battery to at least 12.5 V if the battery voltage is lower than 11.5 V.

### Charging auxiliary battery

Charge the auxiliary battery at regular intervals. In this way its capacity is retained.

▶ Drive for an extended distance.
The engine alternator charges the vehicle starter battery and the auxiliary battery.

ⓘ Even on a long journey, the charging current may not be sufficient to fully charge the auxiliary battery. In this case, charge the auxiliary battery using the battery charger.

▶ **To charge the auxiliary battery:** connect the vehicle to the 230 V power supply (→ page 46).

▶ Switch on the ground fault circuit interrupter (→ page 47).
- appears in the symbol panel of Mercedes-Benz Advanced Control.
- The auxiliary battery is charged by the charger.

ⓘ The maximum charging current is 15 A.

## Replacing fuses

### Notes on electrical fuses

⚠ **WARNING** Risk of accident and injury due to overloaded lines

If you manipulate or bridge a faulty fuse or if you replace it with a fuse with a higher amperage, the electric line could be overloaded.

This could result in a fire.

▶ Always replace faulty fuses with specified new fuses containing the correct amperage.

! **NOTE** Damage or malfunctions caused by moisture

Moisture may cause damage to the electrical system or cause it to malfunction.

▶ When the fuse box is open, make sure that no moisture can enter the fuse box.

▶ When closing the fuse box, make sure that the seal of the lid is positioned correctly on the fuse box.

! **NOTE** Damage due to incorrect fuses

Electrical components or systems could be damaged by incorrect fuses.

▶ Only use fuses which have been approved by Mercedes-Benz and which have the correct fuse rating.

Blown fuses must be replaced with fuses of an equivalent specification, which you can determine by the fuse rating. The fuse assignment diagram and further information on the electric fuses and relays can be found in the "Fuse assignment" supplement.

If the new fuse which has been inserted also blows, have the cause traced and rectified at a qualified specialist workshop.

The additional fuses distributed among the following fuse boxes in the vehicle:

- Fuse box in the right seat base
- Fuse box under the refrigerator box

## Camping main switch

### Function of the camping main switch

Activation of the camping main switch enables multiple vehicle functions to be deactivated simultaneously:

- Deactivation of exterior lighting (this will then be reactivated upon start-up of the vehicle)
- Deactivation of interior lighting when opening the vehicle (manual control still possible)
- Deactivation of ambient lighting when opening the vehicle
- Deactivation of comfort air-conditioning when opening the vehicle

Go to Marco Polo ▶▶ Vehicle ▶▶ Camping main switch in the multimedia system, and select in the Edit field which of these functions will be deactivated via the camping main switch.

### Activating/deactivating the camping main switch

Conditions for activation:

- The transmission is in position P
- The parking brake is engaged

Multimedia system:

→ Marco Polo ▶▶ Vehicle ▶▶ Camping main switch

▶ **Activating the functions:** Select Camping main switch.
Functions of the camping main switch are activated.

▶ **Deactivating the functions:** Select Camping main switch.
Functions of the camping main switch are deactivated.

ⓘ The camping main switch is deactivated automatically as soon as the transmission is moved out of position P or the parking brake is released

## Stowage compartments and stowage spaces

### Notes on stowage spaces and stowage compartments

⚠ **WARNING** Risk of injury due to objects being stowed incorrectly

If objects in the vehicle interior are stowed incorrectly, they can slide or be thrown around and hit vehicle occupants. In addition, cup holders, open stowage spaces and mobile phone brackets cannot always retain all objects they contain.

There is a risk of injury, particularly in the event of braking manoeuvres or abrupt changes in direction.

▶ Always stow objects so that they cannot be thrown around in such situations.

▶ Always make sure that objects do not protrude from stowage spaces, luggage nets or stowage nets.

▶ Close the lockable stowage spaces before starting a journey.

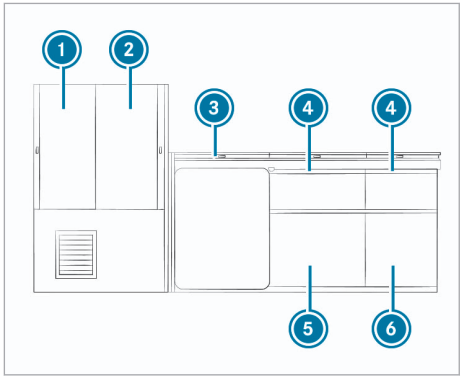
▶ Stow and secure objects that are heavy, hard, pointed, sharp-edged, fragile or too large in the load compartment.

You can find further information on loading guidelines in the vehicle Owner's Manual.
The handling characteristics of your vehicle are dependent on the load distribution. When loading your vehicle, pay attention to the weight information in the loading plan (→ page 51).

Therefore, please observe the following notes when loading your vehicle:

- Make sure that the load, including occupants, does not exceed the permissible gross mass or the permissible wheel load (half the axle loads) for the vehicle. Take into account that the vehicle's kerb weight will increase if accessories or special equipment are fitted.
- You should use the lower stowage spaces and cupboards for the heavy loads such as foodstuffs and canned foods.
- Stow only light objects such as clothing and linen in the upper compartments and stowage spaces.
- Keep the bedding on the bed extension behind the seat/bunk combination.
- The safest way to transport beverage crates, suitcases and other bulky objects is on the vehicle floor beneath the bed extension.

## Loading plan



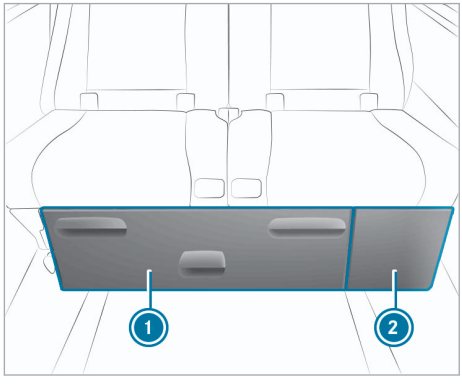

1. Left-hand side of wardrobe (maximum load 6 kg)
2. Right-hand side of wardrobe (maximum load 6 kg)
3. Refrigerator box (maximum load 10 kg)
4. Top drawer (maximum load 3 kg)
5. Stowage compartment with sliding door (maximum load 10 kg)
6. Bottom drawer (maximum load 5 kg)

Stowage compartment beneath the seat/bunk combination (maximum load 13 kg)

Roof stowage box (maximum load 3 kg)

## Stowage compartment beneath the seat/bunk combination

### Information on stowage compartments



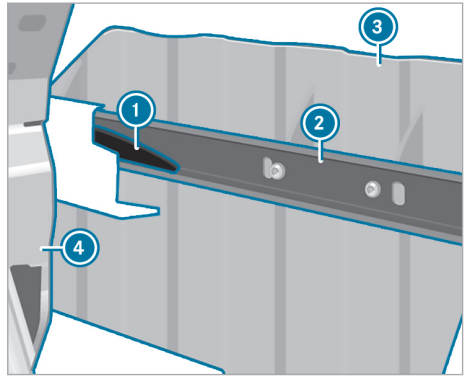

Seat/bunk combination

1. Stowage compartment
2. Through-loading feature

Beneath the seat/bunk combination, there is a stowage compartment that you can pull forwards and out (→ page 51).

ⓘ Before commencing your journey, always ensure that the stowage compartment is closed and locked.

### Removing/installing the stowage compartment




#### Removing

You can remove the stowage compartment and thus enlarge your vehicle's load compartment.

- Slide seat/bunk combination 4 as far back as possible (→ page 21).
- Pull stowage compartment 3 out as far as it will go.
- Press left-hand plastic tongue 1 (as seen in the direction of travel) down, and pull stowage compartment 3 out slightly in the process.

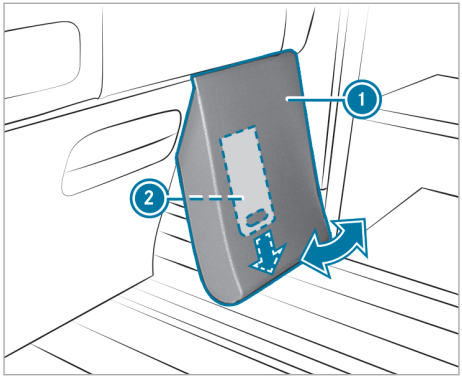
ⓘ The direction of movement of the plastic tongue to unlock the end stop is punched into the guide rail.

- Push right-hand plastic tongue 1 upwards and pull stowage compartment 3 out slightly in the process.
  The end stops will be unlocked.
- Pull out stowage compartment 3.

#### Fitting

- Slide seat/bunk combination 4 as far back as possible (→ page 21).
- Slide stowage compartment 3 under the seat/bunk combination on guide rails 2. Plastic tongues 1 will engage automatically.

## Opening and closing the through-loading feature




If you have to transport long objects on the vehicle floor, you can use the through-loading feature. The through-loading feature is on the left under the seat/bunk combination.

### Opening

- Take hold of faceplate (1) from behind at the bottom, and pull metal tab (2) downwards.
- Swivel the bottom of faceplate (1) forwards and then remove it downwards from the top guide.

### Closing

- Insert faceplate (1) into the top guide from below and then swivel it backwards.
- Pull metal tab (2) downwards and press faceplate (1) onto the bottom of the seat/bunk combination.
- Release metal tab (2).
  The faceplate will now be fixed in place.

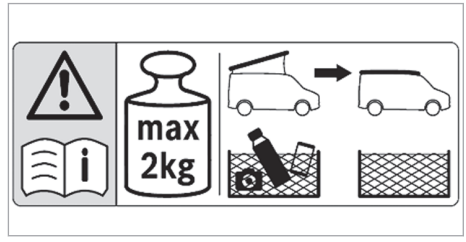
## Stowage nets under the roof

**WARNING** Risk of injury from objects falling out when the pop-up roof is being retracted.

When the pop-up roof is being retracted, the objects stored in the stowage nets may fall out and cause injuries. The stowed objects may also damage the roof shell.

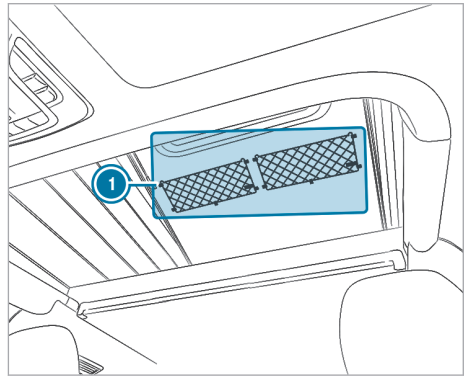
- Empty the stowage nets before retracting the pop-up roof.

ⓘ You may place a maximum load of only 2 kg in the stowage nets under the roof.




There are two stowage nets (1) under the roof shell in which lightweight small parts can be stored.

Opening and closing the pop-up roof (→ page 13)



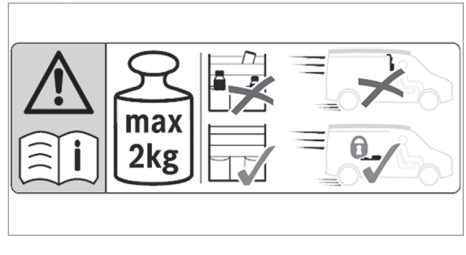

## Pocket

**WARNING** Risk of injury from falling objects

When the roof bed is being folded up or down, objects may fall out of the pocket and cause injuries.

- Empty the pocket before folding the roof bed up or down.

ⓘ Do not subject the pocket to loads exceeding 2 kg.



Pocket (1) can be used to safely store lightweight small parts or bottles.

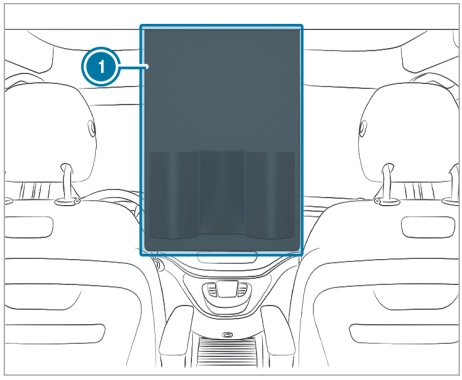
Pocket (1) can be attached to the part of the bed frame using the press-studs.

ⓘ The pocket can be attached in both directions.

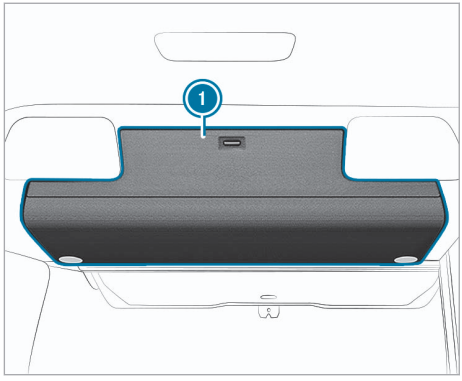
Pocket (1) must be stowed away when you are driving. Otherwise it may impair the driver's vision.

ⓘ Before starting a journey, make sure that the pocket is removed from the press-studs and securely stowed.

Attach the safety net using the press-studs (→ page 29)




## Roof stowage box




Folding roof stowage box (1) is located in the rear area. The flap is secured with a furniture lock.

You can use the roof stowage box to store light small parts securely. Before commencing your journey, always ensure that the flap of the roof stowage box has been closed and locked.

## Stowing camping accessories

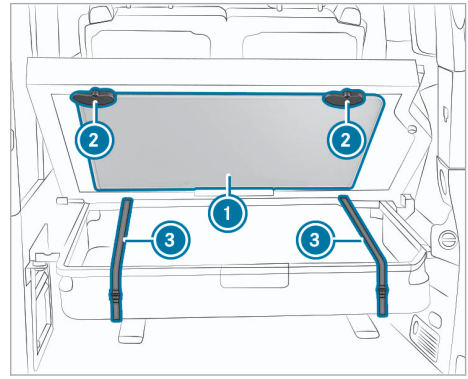
A transport bag under the bed extension provides space for two camping chairs. The integrated camping table is stowed on the underside of the bed extension.

ⓘ These stowage areas are only intended for the original camping table and chairs. Other camping accessories may not be properly secured.

▶ Before starting your journey, ensure that the camping chairs and the camping table are secured correctly.

**Removing the camping table and chairs over the bed extension:**

▶ Fold up the bed extension (→ page 25).




▶ Hold the camping table (1) firmly.

▶ Rotate both catches (2) around 180°.

▶ Remove the camping table (1).

▶ Open the clasps of the lashing straps (3) on the transport bag.

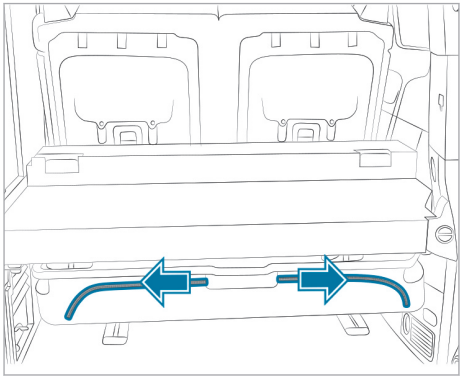
▶ Remove the camping chairs from the transport bag.

ⓘ When setting up the camping table, observe the sticker on its rear side.

ⓘ If the bed extension cannot be folded upwards, you can remove the camping chairs using a zip in the transport bag.

**Removing the camping chairs using the zip:**

▶ Open the clasps of the lashing straps (3) at the front of the transport bag.



- Open the zips to the left and to the right.
- Remove the camping chairs from the transport bag.

**Stowing the camping table and chairs over the bed extension:**

- Fold up the camping table and the camping chairs.
- Insert the camping table (1) in such a way that the table top is retained by the holder at the bottom end.
- Press the camping table (1) against the bed extension and swing back both catches (2) around 180° so that they retain the camping table.
- Place the camping chairs one on top of the other in the transport bag.
- Close and tighten the lashing straps (3). The camping chairs are held in place.
- Fold down the bed extension.

ⓘ If you are not transporting any camping accessories, pull the transport bag upwards by the lashing straps.

**Stowing the camping chairs using the zip:**

- Fold the camping chairs together.
- Place the camping chairs one on top of the other in the transport bag.
- Close the zips on the left and right by pulling them towards the middle.
- Close the clasps of the lashing straps (3) at the front of the transport bag.

## Vanity mirror

A vanity mirror with LED lighting can be found on the inside of the closet door above the refrigerator box.

## Using the outside shower

**NOTE** Damage to the water pump

The shower hose (available as an accessory) opens the check valve installed in the outside shower connection.

If you operate the water pump and do not use the shower hose (available as an accessory), it can be damaged.

- Connect the shower hose to the water pump.

**NOTE** Damage to the water pump due to dry running

The water pump must not be operated if it is empty.

If the water pump in the fresh water tank has not been filled sufficiently, it may be damaged.

- Check the fill level in the fresh water tank prior to use.

### Connecting

The connection for the outside shower is located beneath the wardrobe in the rear area. When you are using the outside shower, the fresh water tank must have been sufficiently filled.

- Open the tailgate.




Connection for outside shower

- Press the shower hose onto connection (2) until it engages.
  The check valve in the connection will be opened.

ⓘ When you turn on the tap in the sink, water will also be delivered to the outside shower's connection. Therefore, remove the hose shower from the outside shower's connection after using the shower. Only in this way will the installed check valve seal the connection so that you can avoid unintentional water leakage.

- Remove the shower hose from the connection.
  The check valve in connection (2) will be closed.

### Switching on/off

- **To switch on:** push rocker switch (1).
  The rocker switch will show the red marking.
  The water pump will be switched on and will transport cold water to the shower head.
- **To adjust the shower head:** turn the shower head.
- **To switch off:** push rocker switch (1).
  The water pump will be switched off.

## Extending and retracting the awning

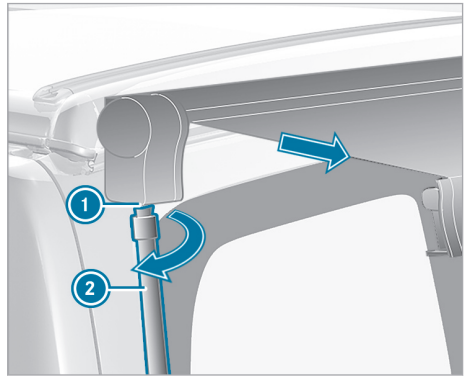
**!** **NOTE** Risk of damage to the awning if supports are missing

If the awning is not supported when it is being extended and retracted, the awning and its mountings may be damaged.

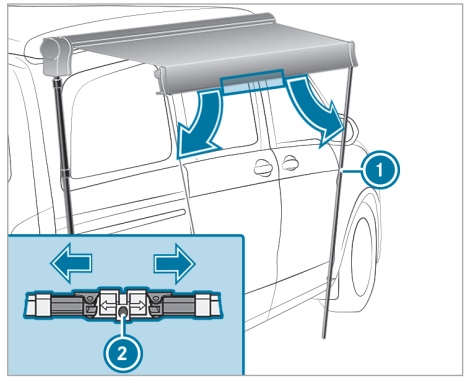
- When retracting or extending the awning, allow it to protrude only up to 50 cm when positioning or retracting the supports.

### Extending the awning

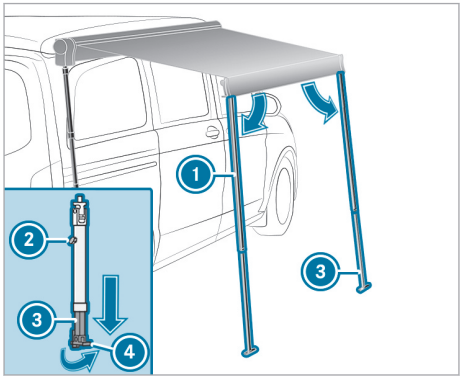
ⓘ Depending on the equipment, the hand crank for the awning will be located either in the transport bag for the camping table and chairs or in the stowage compartment beneath the seat/bunk combination.




- Insert hand crank (2) into bracket (1) on the underside and turn it clockwise.
  The hand crank will be engaged on the awning.
- Turn the hand crank clockwise until the awning has extended by 50 cm.




- Loosen locking mechanism (2) of the supports on the front of the awning and fold supports (1) down.




- Loosen release knob (2) on supports (1).
- Extend telescopic rods (3) of the supports until they touch the ground.
- Fold supporting feet (4) back 90° so that the supports are standing securely on the ground.
- Fasten the release knob on the supports. The supports will be fixed in place.
- Continue to turn the hand crank clockwise until the supports are in a vertical position.
- Insert two ground spikes into the ground through the holes in each of the two supporting feet.
- Remove the hand crank from the bracket. The awning will be extended.

ⓘ The awning is a means of sun protection, not all-weather protection. Retract the awning in the event of heavy rain, storms or snowfall.

### Retracting the awning

- Pull the ground spikes out of the holes in the supports.
- Insert the hand crank into the bracket.
- Turn the hand crank anti-clockwise until the awning is extended to just 50 cm.
- Retract supports (4).
- Loosen release knob (2) on supports (1).
- Retract telescopic rods (3) of the supports.
- Turn the hand crank anti-clockwise until the awning engages.
- Remove the hand crank from the bracket and stow it safely in the vehicle. The awning will now be retracted.

ⓘ The awning can be removed. Have the awning removed at a qualified specialist workshop.

## Cleaning

### Notes on cleaning

**WARNING** Risk of injury if unsuitable climbing aids are used

In the event that you use openings in the bodywork or attachments as steps, you could:

- Slip and/or fall.
- Damage the vehicle and thus slip and fall.

▶ Always use non-slip, stable climbing aids, e.g. a suitable ladder.

**ENVIRONMENTAL NOTE** Environmental damage caused by not cleaning the vehicle in an environmentally responsible manner

▶ Clean the vehicle only at specially designated wash bays.

▶ Dispose of empty containers and used cleaning products in an environmentally responsible manner.

Regular care helps to retain the vehicle's value.

ⓘ It is best to use care products approved by Mercedes-Benz. They are designed specifically for Mercedes-Benz vehicles and represent the state of the art. These care products are available from a Mercedes-Benz Service Centre.

### Cleaning the cab curtain

Have the cab curtain dry-cleaned. When you wash the cab curtain, it may shrink and lose its fire-retarding properties.

### Cleaning the vehicle floor

**NOTE** Risk of damage to property due to abrasive and wax-based cleaning agents

If the vehicle floor is cleaned with abrasive and wax-based cleaning agents, it may be damaged.

▶ To clean the vehicle floor, avoid using furniture polish, abrasive or wax-based cleaning agents.

Only use gentle cleaning agents to clean the vehicle floor.

ⓘ Mercedes-Benz advises you to use non-slip mats to protect the vehicle floor.

### Cleaning the guide rail

Clean the guide rails regularly. Treat this with a non-greasy lubricant (silicone spray).

### Cleaning the seat/bunk combination

Clean the sitting surfaces and the release handle mechanism occasionally.

Clean the joints of the seat/bunk combination regularly. Treat them with a non-greasy lubricant, such as silicone spray.

### Cleaning fabric covers

Clean the fabric covers using dry foam and a brush.

### Cleaning furniture

All visible furniture parts are coated with plastic material. Clean and maintain these with commercially available products.

### Cleaning the roller sunblind

Clean both sides of the roller sunblind with mild soapy water.

### Cleaning the gas cooker

The cover of the gas cooker is made of glass. Clean the surface with mild soapy water or a commercially available glass cleaner. Remove the cooker grilles for this purpose.

When cleaning the gas cooker, ensure that the thermocouples on the gas burners are not damaged or bent.

Clean the gas burner with a brush at regular intervals.

### Cleaning the refrigerator box

**NOTE** Damage to the refrigerator box due to speeding up defrosting

Speeding up the defrosting of the refrigerator box by using an additional heat source may cause damage to the refrigerator box.

▶ Do not use any additional heat source.

Defrost the refrigerator box regularly. This will prevent the formation of an ice layer. To do so, switch the refrigerator box off (⟶ page 39) and open the cover of the refrigerator box for the duration of the defrosting.

Remove the condensation before switching the refrigerator box on again. Clean the refrigerator box with water and some vinegar.

If the refrigerator box is out of operation for an extended period of time, keep its cover slightly open, e.g. by placing a cloth that has been folded several times between the cover and the box. This will prevent the formation of mould.

The cover of the refrigerator box must be closed while driving to prevent damage.

## Cleaning the fresh and grey water tanks

**WARNING** Risk of poisoning due to contaminated fresh water

If you leave water in the fresh water tank for an extended period of time, it may become contaminated.

- Change the water in the fresh water tank regularly – at least every five days.
- Empty the fresh water tank if it is not used for more than five days.
- If the fresh water tank was not emptied in the event of an extended period out of use, clean it.

**WARNING** Risk of poisoning due to contaminated fresh water

If you fill the fresh water tank with contaminated water or water that contains residues, there is a risk of poisoning.

- Before taking fresh water from the public water supply, find out about the fresh water quality.
- Fill the clean fresh water tank only with untainted fresh water.

**Requirements:**

- The grey water tank is empty (⟶ page 43).
- The fresh water tank is empty (⟶ page 41).

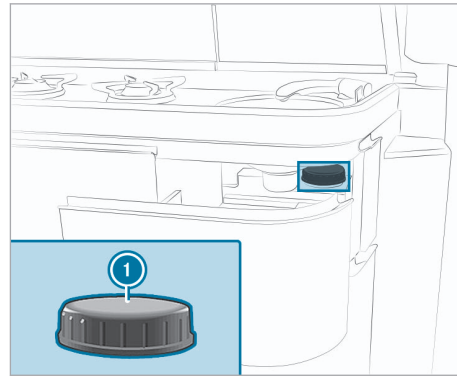
If you do not change the water in the washer fluid reservoirs for an extended period of time, unpleasant odours may arise due to putrefaction.

For hygiene reasons, you are advised to change the fresh water every five days and to use disinfectants. You can obtain disinfectants from camping shops and chemists.

ⓘ The cap of the cleaning opening for the grey water tank is located beneath the sink. The cap for the fresh water tank is located beneath the wardrobe.

### Opening the cap of the cleaning opening for the grey water tank

- Pull out the drawer beneath the sink as far as it will go and empty it.
- Pull the release lever on the two pull-out rails (⟶ page 36).
  The drawer will be released from the pull-out rails.
- Pull the drawer forwards out of the cupboard.

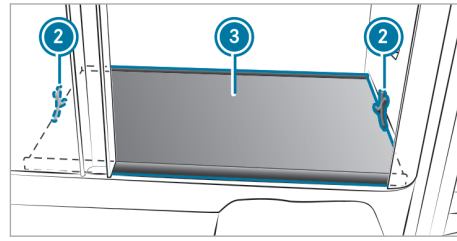



Cap of the cleaning opening for the grey water tank

- Unscrew the cap of cleaning opening (1).

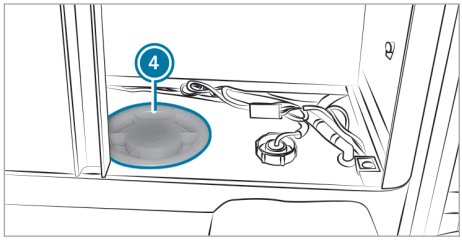
### Opening the cap of the cleaning opening for the fresh water tank

- Open the right-hand wardrobe door.




Floor in the wardrobe

- Pull clamps (2) out of the wardrobe walls.
- Remove wardrobe floor (3).




Cleaning opening of the fresh water tank

- Unscrew cap (4) of the cleaning opening.

### Cleaning the washer fluid reservoir

- Add disinfectant to each tank through the respective cleaning opening. Comply with the manufacturer's dosing instructions when doing so.
- Fill each tank with fresh water through the respective cleaning opening.
- Give the mixture time to act in accordance with the manufacturer's specifications.
- Empty both tanks and rinse them with fresh water.
- Allow water to run for a short time so that the rinsing residue is removed.

### Closing the cap of the cleaning opening for the grey water tank

- Close the shutoff valve of the grey water tank.
- On the grey water tank, screw on cap (1) of the cleaning opening.
- Slide the drawer onto the pull-out rails.
- Close the drawer.
  The drawer will engage in the pull-out rails.

### Closing the cap of the cleaning opening for the fresh water tank

- Close the shutoff valve of the fresh water tank.
- On the fresh water tank, tighten cap (4) of the cleaning opening.
- Place wardrobe floor (3) in the wardrobe and align it.
- Turn clamps (2) so that the studs face the wardrobe wall and the two long ends face the wardrobe floor.
- Carefully press clamps (2) with the long ends onto the wardrobe floor.
- Insert the studs of the clamps into the holes in the wardrobe walls.
- Close the wardrobe.

## Cleaning the roof bed mattress

### 40°C machine wash

Due to the size of the mattress, an industrial washing machine at a laundry or dry cleaning is recommended. Use commercially available liquid cleaning agent. Do not use washing powder because this can cause lumps inside the mattress. Spin the mattress briefly and dry it in a horizontal position. Do not dry the mattress in a dryer.

### 40°C washing by hand

Wring the mattress through with a liquid cleaning agent, e.g. in a bath tub, and clean very dirty parts in a targeted manner with a hand brush. Dry the mattress in a horizontal position. Do not dry the mattress in a dryer.

## Cleaning the sliding sunroof

Use a glass cleaner to clean the glass panel. Do not use any abrasive cleaning agents because these can scratch the glass panel.

Clean the seal regularly, at least twice a year, with a moist cloth. Treat the seal with a non-greasy lubricant such as silicone spray.

## Cleaning the pop-up roof

Do not use any chemical cleaning agents because these can damage the coating of the boot.

Remove spots with lukewarm water or mild soapy water. Do not close the pop-up roof until the boot is dry.

Ventilate the pop-up roof regularly. This can prevent the formation of condensation and mould. If you do not open the pop-up roof for an extended period of time, remove the mattress from the roof bed.

# Maintenance

## Notes on maintenance

Inspection and maintenance work requires special skills that cannot be acquired by reading this Supplement. Have this work performed only by trained personnel.

ⓘ The maintenance intervals can be found in the vehicle's Maintenance Booklet.

## Maintenance work overview

**Mechanical pop-up roof**

- Re-adjust the locking mechanism.

  Adjustment is to be invoiced separately.

**Gas system**

- Have this checked every two years by a qualified specialist workshop.

**Auxiliary battery**

- Have this checked every two years by a qualified specialist workshop.

**Electric pop-up roof**

- Have the roof mechanism checked every two years by a qualified specialist workshop.

**Awning**

- Have the pull out function of the awning checked every two years by a qualified specialist workshop.

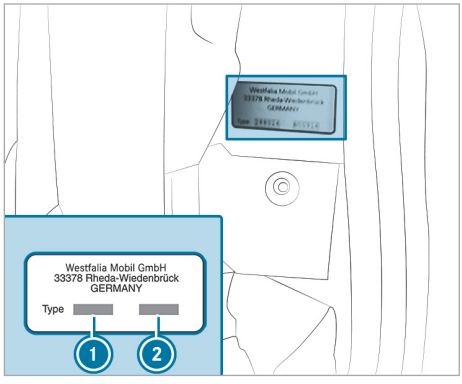
## Disconnecting the auxiliary battery

The auxiliary battery is located in the seat base of the left-hand front seat.

▶ Observe the notes on the 12 V battery in the vehicle Owner's Manual.

If you have to disconnect the auxiliary battery, contact a qualified specialist workshop.

## Identification plate




1 Vehicle identification number
2 Equipment number

The vehicle identification plate listing the vehicle identification number and equipment number is located on the C-pillar on the left next to the sliding door.

## Vehicle data

### Vehicle dimensions

All data on dimensions are approximate values and refer to the basic model. They may vary due to the equipment versions and fixed accessories, such as roof luggage racks, sports equipment carriers, bicycle racks.

You can access the vehicle dimensions in the multimedia system (⟶ page 10).

### Weights and loads

#### Notes on weights and loads

The permissible gross weight and the permissible axle loads depend on the equipment fitted. They are specified in the vehicle's registration documents and on the vehicle identification plate (see the vehicle Owner's Manual).

The unladen weight varies due to the different model versions, optional equipment or accessories and attachments. The payload is thus reduced by the corresponding value.

#### Permissible roof loads

**WARNING** Risk of accident due to altered handling characteristics when the roof is loaded

The vehicle centre of gravity is altered and so too are the handling characteristics of the vehicle.

The driving characteristics, as well as steering and braking characteristics, are severely impaired.

► Adjust your driving style.

| | Maximum roof load | |
|---|---|---|
| Pop-up roof | Open | Closed |
| Manual | 15 kg | 50 kg |
| Electric (EASY UP) | 50 kg | 50 kg |

#### Optional equipment, accessories and attachments

| | |
|---|---|
| Roof bed<br>Maximum load capacity | 200 kg |
| Roof luggage rack<br>Permissible payload | approximately 6 kg<br>50 kg |
| Bicycle rack<br>Permissible payload | approximately 17 kg<br>70 kg |

## Operating data

### Power supply

#### 12 V power supply

| Maintenance-free AGM battery (auxiliary battery) | |
|---|---|
| Capacity | 95 Ah |

| Consumer power consumption | |
|---|---|
| Water pump | 11 W |
| Central control panel with display | max. 4 W |
| Lamps in the roof frame | 2.5 - 4 W each |

| Consumer power consumption | |
|---|---|
| Ambient lighting | 4 W |
| Reading lamp above the seat/bunk combination | 3 W each |
| Reading lamps in the pop-up roof | 2 W each |
| Reading lamps next to the roof stowage box | 1.8 W each |
| Mirror light in the wardrobe | 1.5 W |

### 230 V power supply

| | |
|---|---|
| Frequency | 50 Hz |
| Cable protection | 13 A |
| Occupant protection | 30 mA |
| Battery charger<br>Auxiliary battery (with new battery charger) | max. 25 A |
| Battery charger<br>Starter battery (with a new battery charger and if the voltage of the starter battery is between 9.5 V and 13.85 V) | max. 25 A |

### USB ports

| | |
|---|---|
| Input voltage | 8 - 16 V DC |
| Output voltage | 5 V (IU) |
| Charging current | 1 or 2 A |

### Stationary heater

| | |
|---|---|
| Fuel consumption | 0.39 l/h |
| Supply voltage | 12 V |
| Power consumption | 37 W |
| Heating output | 3000 W |

### Refrigerator box

| | |
|---|---|
| Supply voltage | 12 V |
| Power consumption | max. 45 W |
| Capacity | approx. 40 l |
| Cooling temperature[1] | max. -18 °C |

[1] Adjustable in increments. The maximum temperature difference in relation to the outside temperature is roughly 35 °C.

## Filling capacities

| | |
|---|---|
| Fresh water tank | 38 l |
| Waste water container | 40 l |
| Refrigerator box | Approx. 40 l |

## Tyre pressure

ⓘ The tyre pressure values applicable for the vehicle are always specified for a fully laden vehicle.

## Warning and status messages (MBAC)

### Warning messages

**is displayed in red on the symbol panel.**

Undervoltage

Possible causes:

- The voltage of the auxiliary battery is low. The multimedia system and other consumer equipment will soon be switched off.

▶ Charge the auxiliary battery.

**is displayed in red on the symbol panel.**

Refrigerator box

Possible causes:

- The temperature of the refrigerator box is more than 20°C.

▶ Check whether the refrigerator box lid is closed.

▶ Switch the refrigerator box off and back on.

▶ If the warning message still appears, consult a qualified specialist workshop.

**is displayed in red on the symbol panel.**

Fresh water

Possible causes:

- The fresh water tank is less than 25% full.

▶ Fill the fresh water tank (⟶ page 41).

**is displayed in red on the symbol panel.**

Grey water

Possible causes:

- The grey water tank is full.

▶ Empty the grey water tank (⟶ page 43).

### Status messages

**is displayed in white on the symbol panel.**

Refrigerator box

Possible causes:

- The refrigerator box has been switched on.

▶ Switch off the refrigerator box.

**is displayed in white on the symbol panel.**

Battery

External voltage supply. 230 V power supply inserted.

Possible causes:

- The 230 V power supply is connected to external power.
- The auxiliary battery is charged via external power.

▶ Disconnect the 230 V power supply before starting your journey.

**is displayed in white on the symbol panel.**

Fresh water

Possible causes:

- The fresh water tank is less than 50% full.

▶ Fill the fresh water tank (⟶ page 41).

**is displayed in white on the symbol panel.**

Grey water

Possible causes:

- The grey water tank is more than 75% full.

▶ Empty the grey water tank (⟶ page 43).

**is displayed in white on the symbol panel.**

Pop-up roof

Possible causes:

- The pop-up roof is upright.

▶ Retract the pop-up roof before starting your journey.

**is displayed in white on the symbol panel.**

Stationary heater

Possible causes:

- The stationary heater has been switched on.

▶ Switch on the stationary heater before starting your journey.

**is displayed in white on the symbol panel.**

Camping main switch

Possible causes:

- The camping switch is activated.

▶ Deactivate the camping switch before starting your journey (⟶ page 50).

**is displayed in white on the symbol panel.**

Night-time climate control

Possible causes:

- Night-time climate control is activated.

▶ Deactivate night-time climate control.

**is displayed in white on the symbol panel.**

Climate control

Possible causes:

- The timer for climate control is activated.

▶ Deactivate the timer for climate control.

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## Publication details

### Internet

Further information about Mercedes-Benz vehicles and about Mercedes-Benz AG can be found on the following websites:

https://www.mercedes-benz.com

https://group.mercedes-benz.com

### Documentation team

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Germany

As at 10.11.23

YOUR OWNER'S MANUALS

**Digital in the vehicle**
Discover the Owner's Manual in the multimedia system under Settings. Begin with Quick Start and discover useful tips.

**Vehicle document wallet in the vehicle**
Here you can find information on operation, service work and the warranty for your vehicle in printed form.

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