

INSTRUCTION MANUAL





BEACH

HOME

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Ford

TOURNEO

PANAMA

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AWD

PANAMA



INTRODUCTION

Dear customer,

Thank you for the trust you have placed in Mediterraneo VDL (MVDL) when choosing your leisure vehicle.

The unique design of this vehicle, halfway between an everyday vehicle and a motorhome, is the result of years of know-how and expertise.

Compact, but also smart, with its interior equipment that has been especially designed to the last detail, we are convinced that your vehicle will provide you with total satisfaction on short journeys and long trips.

In this owner's manual you will find all the advice and tips to help you maintain and fully enjoy all the pleasures your vehicle has to offer.

**Welcome to your new life
of leisure!**



INSTRUCTIONS

This manual is intended to help you become familiar with your vehicle. We therefore invite you to read it carefully before using your vehicle for the first time.

In these instructions, you will find most of the answers to questions you may have about the operation of any equipment.

The pictograms in this manual will help you to pay attention to warnings, tips or suggestions regarding the equipment. Some of them warn you of the importance of the recommended instructions.



“Warning” pictogram:

Draws attention to an important point that must be complied with.



“Damage” pictogram:

Warns you of the risk of damage in case of non-compliance with the instructions.



“After-sales Service” pictogram:

If you cannot find the solution to your problem after consulting this manual or the manufacturer’s manual of the equipment in question, please call your dealer’s after-sales service.



“Pollution” pictogram:

Draws attention to an important point that must be complied with.

You received a case when your vehicle was delivered to you.

You will find a manufacturer-specific instruction manual for each household appliance alongside the base vehicle handbook for matters relevant to the motor caravan as a road vehicle.



It is imperative that you read these manuals before using any appliance.

The information contained therein takes precedence over the information contained in this manual.

GUARANTEE BOOK

In order to benefit from your guarantee, it is essential that the manufacturer is in possession of the duly completed guarantee registration document and signed by both you and your dealer.



Please send both the certificate and the vehicle registration certificate to your dealer to activate the guarantee.





VEHICLE TECHNICAL INFORMATION

GENERAL DIMENSIONS

Depending on the model acquired, the dimensions of your vehicle will be the following:

- Panama Peak 12: 5'05 x 2'06 x 2'06 (meters).
- Panama Peak 57+: 5'45 x 2'03 x 2'06 (meters).

THERMAL ISULATION AND HEATING GRADE

- The interior of the vehicle walls is thermally insulated with rock wool on which multi-layer reflective insulation is placed.
- The floor of the cabin is a platform made of 25mm extruded polystyrene plates (XPS).
- The air heater provides continuous heating power (2000W) through progressive modulation.

PAYLOADS INFORMATION

Below you will find a series of weights to take into account separated by model.

- Panama Peak 12:
 - Maximum Technically Permissible Laden Mass (MTPLM): 3.175kg.
 - Mass of the Vehicle in Running Order (MIRO): 2.579/2.664kg.
 - Mass of the User Payload (UP): 296/511kg.
 - Mass of the Essential Habitation Equipment Payload (EHE): 300kg (5 places) and 450kg (7places).
 - Mass of the Conventional Load (CL): 2'75kg (gas) and 50kg (water).
 - Mass of the Optional Equipment Payload (OE): 36kg (per individual seat) and 30kg (tow bar).
 - Mass of the Personal Effects Payload (PE): 90kg.



Please take care to ensure that you have allowed for the masses of all the items you intend to carry in your Motorhome e.g. passengers, optional equipment, essential habitation equipment and the personal effects such as clothing, food, pets, bicycles, sailboards and sports equipment.

MAINTENANCE

■ Panama Peak 57+:

- Maximum Technically Permissible Laden Mass (MTPLM): 3.2225kg.
- Mass of the Vehicle in Running Order (MIRO): 2.794/2.876kg.
- Mass of the User Payload (UP): 431/349kg.
- Mass of the Essential Habitation Equipment Payload (EHE): 225kg.
- Mass of the Conventional Load (CL): 2'75kg (gas) and 50kg (water).
- Mass of the Optional Equipment Payload (OE): 36kg (per individual seat) and 30kg (tow bar).
- Mass of the Personal Effects Payload (PE): 94kg.



Under no circumstances should the Maximum Technically Permissible Laden Mass of your Motorhome be exceeded.



The Mass in Running Order contains a provision for the masses of Gas cylinders and may contain a provision for the mass of water which may be carried in the fresh water tank which is dependent of the specification detailed by the manufacturer. You are recommended to check with your retailer to determine if the mass in running order contains the mass of fresh water that may be carried in the fixed water tank.





PASSENGER TRANSPORT

USE OF SEAT BELTS

Your vehicle has a number of authorised passenger seats, which is stated on the vehicle registration certificate. Passengers must travel in the indicated seats and seat belts must be fastened on all seats in both forward and rearward-facing positions.



Pictogram indicating the use of compulsory seat belts.

The vehicle has a pictogram for each seat equipped with a three-point safety belt.



Passengers should only be carried in designated passenger seats fitted with approved 3-point seat belts. Children should be seated on bolster cushion on in correctly fitted child seats when the vehicle is in motion.



The equipment and amenities in the living area of the motorhome are designed for use only when the vehicle is stationary.

Their use while the vehicle is in motion is in breach of road traffic regulations and presents risks that the user must take into account.

If this is the case, the manufacturer accepts no liability for any incidents or accidents that occur while the vehicle is in motion.



RIGHTS AND DUTIES

RIGHTS AND DUTIES OF CARAVANNERS

The use of the motorhome, as a means of transport, is similar to that of private vehicles. It complies with the traffic regulations applicable to this vehicle category.

In cities or urban centres, it is advisable to choose parking places that are:

- Away from densely populated areas.
- Do not obstruct visibility or trading.
- Do not constitute an impediment to vehicle traffic.

The motorhome should be used as living space:

- Without anything protruding or extending beyond the vehicle, without causing a nuisance to people who are close to it or live nearby.
- Without taking over public places.
- Keeping an eye on pets in order to avoid littering and any possible nuisance.



Waste water must be disposed of at appropriate places such as service areas, emptying points in marked areas, public and private sanitation facilities, etc.



Caution: storm drains must not be used for emptying, as not all of them are equipped with a purification treatment system. All drainage valves must be tightly closed during journeys.



Household waste should be placed in bags provided for this purpose.

The application of all these principles will contribute to respecting others, protecting the environment and a good reception in the regions you visit.

Magna Carta of the S.I.C.V.E.R.L. (Sindicato de los Constructores de vehículos de ocio - Leisure Vehicle Manufacturers' Union) and of the C.L.C. (Comité de Unión de los autocaravanistas - Committee for the Union of Motor Caravanners).



USER SAFETY INSTRUCTIONS

EMERGENCY EXITS AND DETECTORS

- Check the position and operation of all exits (normal doors, sliding doors and tailgate). Ensure that all exits are freely accessible at all times.
- For safety reasons, a smoke detector and a CO₂ detector have been installed in the interior of the vehicle's pop-up roof.

CHILDREN

- Children should not be left unattended inside the vehicle. Children under 3 years of age must always be supervised.
- Please be aware of the risk of falling when the upper bunks are used by children, especially those under 6 years of age. They are not suitable for unsupervised children.

ELECTRICITY

- The electrical connection must be carried out in compliance with current regulations, and no modifications may be made or carried out except by authorised installers with the agreement of MVDL.
- Do not smoke while working on the battery and all appliances and lights must be switched off. In the event of prolonged immobilisation, ensure that the battery is correctly charged. It is recommended that the battery be disconnected (remove only the negative terminal).

SAFETY INSTRUCTIONS

- Keep flammable materials at a safe distance from electrical equipment.
- You must remain seated in the approved seats while the vehicle is in motion.
- Heavy (more than 20kg) and/or bulky objects must be securely fastened before travelling.



Do not place heavy objects in the bench drawer.

- Small loads should be placed in cabinets or drawers distributed throughout the furniture.
- Turn off the heating before refuelling.
- The maximum load in the luggage compartment must be respected and evenly distributed.

MAINTENANCE

- Do not allow or make any modifications to the installations unless these are carried out by authorised personnel with the agreement of MVDL.
- The equipment in your campervan must be fitted by authorised installers, and for safety reasons, spare parts must conform to specifications.



Fire safety reminder:

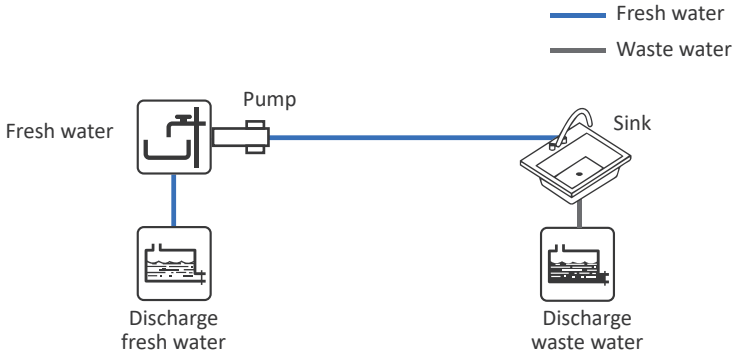
1. Check that the vehicle is stationary, with the handbrake on and in a safe place.
2. Evacuate all occupants.
3. Turn off the gas cylinders.
4. Disconnect the power supply.
5. Raise the alarm and call the fire brigade.
6. Fight fire if safety permits.





WATER INSTALLATION

WATER CIRCUIT



Waste water must be disposed of at appropriate places such as service areas, emptying points in marked areas, public and private sanitation facilities, etc.

INSTALLATION OF DRINKING WATER

Your vehicle is equipped with a rigid fresh water tank integrated into the chassis and located behind the cabinet.

During winter, this tank is protected against frost when your motor home has the heating on. It can be emptied using a manual valve.

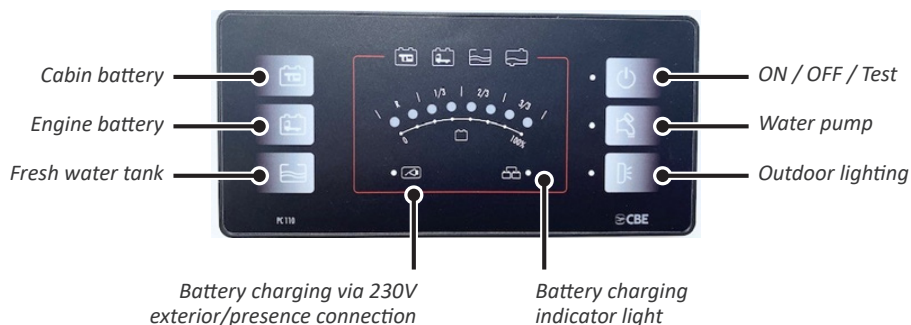
The gauge in the fresh water tank measures the amount of water remaining, the level of which is displayed on the control panel as a percentage.

The fresh water tank is filled using a flexible hose without fittings through the filler cap on the side of the vehicle.

If it spills over the floor through the overflow, this means that the tank is full.



If the tank is not completely filled, it is sufficient to check the filling from the control panel in test mode.



The fresh water tank must only be filled with drinking water.



Please make sure that there is water in the tank before opening a tap, which will start the electric pump. It could be damaged if there is no water.

PUMP AND FILTER

Depending on the model selected, you will have a pump with an integrated filter submerged in the tank or an external pump and filter accessible from some part of the cabinet. These pumps supply all the points of the vehicle and are activated when any tap is opened.



EMPTYING OF FRESH WATER TANK

- Disconnect all electrical power from the control panel.
- Open the fresh water drain valve.
- Open all taps to ensure complete draining.



SINK



The sink, made from stainless steel, must be cleaned with appropriate non-abrasive cleaning products.

WASTE WATER DISPOSAL



All waste water is collected in a rigid tank, either integrated into the chassis behind the lower cabinets or under the vehicle.

A light on the control panel indicates when the tank is full. When the indicator light is on, the tank must be emptied as soon as possible.

To empty the tank, if you have the first type of tank, you must turn the handle located on the lower left-hand side of the vehicle, while if you have the second type, you must open a closing guillotine located on the lower left-hand rear side.

Indicator light for the waste water tank



Waste water must be disposed of at appropriate places such as service areas, emptying points in marked areas, public and private sanitation facilities, etc.



For safety reasons and to enable the guarantee to be honoured, any modifications to the water installation must be carried out by your dealer, subject to the manufacturer's prior written approval.

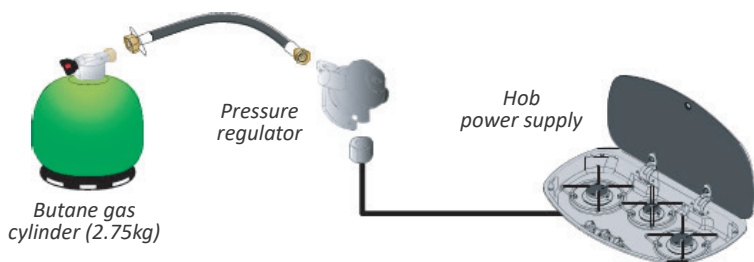


Once the emptying has been completed, **CLOSE THE WASTE WATER OUTLET OF THE TANK.**



GAS INSTALLATION

GAS CIRCUIT



START-UP AND INSTALLATION



Your vehicle is designed to integrate a 2.75 kg G907 butane gas cylinder (not included). This is connected to a regulator (included) that supplies gas to the system with a pressure of 30 mbar and a flow rate of 1.5 kg/h.



Appliances with a different working pressure must not be used.

The cylinder must be placed in the dedicated compartment, the location of which will vary depending on the model. In order to transport it correctly, the cylinder must be secured with the straps of the compartment itself.

To start up the installation, place the tap that is attached to the hose on the cylinder. Once correctly positioned, turn the stopcock a quarter turn to open the gas supply.



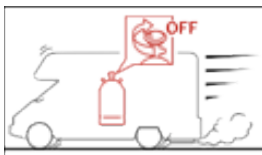
It is imperative that the cylinders are securely fastened in the compartment with the protective straps.

To change an empty cylinder:

- Close all the supply valves of the appliances, close the gas outlet of the cylinder and remove the tap.
- Replace the empty cylinder with a full cylinder and connect the tap.
- Turn on the gas tap again.

SAFETY INSTRUCTIONS

- All gas equipment must be turned off when the vehicle is in motion unless the gas equipment installed has been designed for on the road use and the en-route heating must comply with UNECE Regulation 122.



- Shut off the gas outlet of the gas cylinder before any movement.
- Never obstruct the safety ventilation, not even partially.
- Additional ventilation is necessary when cooking food. Therefore, the windows near the hob burners must be opened.
- Never use gas appliances if the vehicle is parked in a covered area (car park, tunnel, etc.) or where there is a risk of explosion (service station, etc.).
- Never use portable cooking or heating equipment, other than electric heaters that are not direct radiant type, as it is a fire and asphyxiation hazard.
- Do not use gas appliances for purposes other than those for which they are intended (e.g. do not use the cooker for heating).
- The gas cylinder must be installed in the compartment provided for this purpose. Never lay the gas cylinder down during use.
- Avoid stress or strain on the hose and connections to the gas cylinder.
- The gas cylinder must be exclusively butane gas.
- Never check for the presence of gas with a flame. In the event of a suspected leak, turn off the gas supply and contact the nearest distributor.
- Never smoke when changing a cylinder or perform any manipulation near the gas cylinder compartment.
- Check the expiry date of the hose when changing the gas cylinder.
- In case of fire, if the fire is not too big, use a fire extinguisher (not supplied). Evacuate and notify the emergency services.



The entire installation must be checked by a specialised technician every year.

Please contact your dealer for this inspection.



For safety reasons and to enable the guarantee to be honoured, any modifications to the gas installation must be carried out by your dealer, subject to the manufacturer's prior written approval.

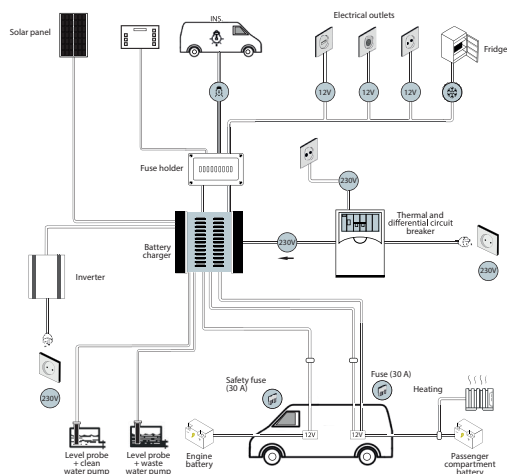
Always keep the combustion outlets of elements located under the vehicle free and at least three sides of the space under it should always be kept open and unobstructed (especially by snow) and no additional openings should be made in the floor of the vehicle.





ELECTRICAL INSTALATION

ELECTRIC CIRCUIT



FUNCTION OF THE INSTALLATION

The purpose of the electrical installation is to give your vehicle the greatest possible autonomy.

The energy required to operate the lighting and all the equipment in the passenger compartment is supplied by a 12-volt battery or by an extension cable plugged into the mains (230V) when the vehicle is stationary.

230V POWER SUPPLY



To power your vehicle at 230V, this must be connected to the external EC standard socket located on the side of the vehicle.

It is strongly recommended that an extension cable be used with a minimum cross-section of 3 conductors (3 x 2.5 mm²) and a maximum length of 25 m (included). This cable must be equipped with 230 V/16 A watertight sockets.



It is important to check the correct compatibility with the terminal into which your vehicle will be plugged.



Circuit breaker

The 230 V current supplies the interior sockets and the battery charger.

These devices are protected by a 230 V (16 A) thermal and differential circuit breaker, located in a compartment of the cabinet, together with the fuse box and the battery charger.

12V POWER SUPPLY

ENGINE BATTERY

There are two batteries, one located in the engine compartment and the other under the passenger seat. They are recharged directly through the engine alternator.

This powers all the basic functions of your vehicle (headlights, indicators, windscreen wipers, ...).

PASSENGER COMPARTMENT BATTERY

This is located in the compartment under the driver's seat. It is recharged directly by the engine alternator during the journey, by the battery charger when the vehicle is connected to the mains and by the solar panel during daylight hours.

It powers all the 12 V devices in the passenger compartment (lighting, water pump).



Battery compartment



Any replacement of an auxiliary battery shall be of the same type and specification as that originally fitted or as specified by the manufacturer.

BATTERY CHARGER

Allows the battery to be recharged. It works with alternating current and transforms the voltage into 12 V.

FUSE BOX

Contains all the fuses and distributes the electrical power supply to all the equipment in your vehicle.

HEATING FUSE HOLDER

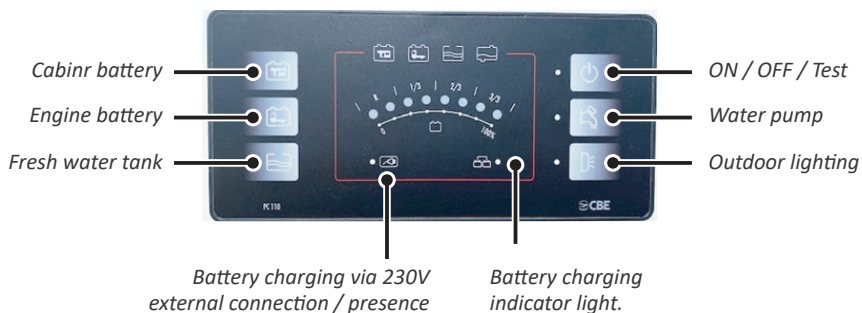
This is located under the passenger seat. Contains the heating fuse.

REFRIGERATOR FUSE HOLDER

This is located in the right-hand compartment under the cooker in the side cabinets, while in the rear cabinets it is located in the cupboard with the other components of the installation. It contains the fuse for the refrigerator.

CONTROL PANEL

This is located in the cabinet itself. It allows you to manage the different electrical equipment in your vehicle and to control various parameters related to the proper functioning of the passenger compartment. Not all indicators will light up if the 230V socket is not connected.



■ Water pump button

Press to start the water pump.



■ Fresh water tank button

Indicates the level of the fresh water tank as a percentage. The indicator light slashes if the tank is empty. The level is shown on the display for about 30 seconds.



■ Waste water tank indicator light

This light comes on when the waste water tank is full.



■ Battery charging indicator light via 230V external connection / presence

Indicates that the passenger compartment battery is being recharged by connecting your vehicle to an external 230V mains supply.



■ B2 Battery charging indicator light (passenger compartment)

Indicates that the passenger compartment battery is being charged by engine charging after the vehicle has been started.



■ B2 Battery measurement button (passenger compartment)

Indicates the charge level of the passenger compartment battery. The level is shown on the display for about 30 seconds.



■ B1 Battery measurement button (engine)

Indicates the charge level of the engine battery. The level is shown on the display for about 30 seconds.



If the voltage of the passenger compartment battery drops below 10 V, the control panel, as well as all electrical devices in operation will be switched off within one minute.



A battery is considered to be discharged when the level shown on the control panel indicates 1/3. There is a risk of deep discharge below this level.

The battery is then completely discharged and cannot recharge and maintain its charge. This phenomenon permanently damages the battery and the electrical accessories, in particular the distribution module.



To change the auxiliary battery, first, turn off or unplug any electrical devices in the vehicle. Then remove the negative terminal and the positive terminal in that order and tape the positive to isolate it. Finally, remove the battery.

On the other hand, to install the new battery, place it and remove the tape from the positive terminal to connect it first and then connect the negative terminal.

12V FUSES

Open the plastic cover to access the fuses. Close it after the intervention.

- F1 / Outdoor lighting
- F2 / Water pump
- F3 / Boiler
- F4 / Indoor lighting
- F5 / Indoor lighting
- F6 / Free space
- F7 / Free space
- F8 / Refrigerator
- F9/ Solar panel
- F10 / Electric step
- F11 / Hob lighter
- F12 / Not powered

Distribution module



Heating fuse holder

20A Heating
Free space



Refrigerator fuse holder

10A refrigerator





Make sure that all appliances are in the OFF position before replacing a fuse. The replacement should be done with a fuse of the same amperage, but it is important to determine why the fuse has blown before replacing it.

Never replace a fuse with a metal object or attempt to repair it yourself.



Failure to follow these instructions may result in a risk of injury or fire.



If replacing the fuse or circuit breaker does not solve the problem, contact your dealer's after-sales service so that the installation can be checked by an authorised technician.

ELECTRICAL ACCESSORIES

Depending on the model purchased, your cabinet will have various electrical accessories such as LED lighting, lamps, USB, 12V and cigarette lighter sockets distributed throughout the cabinet.

LED bar



Inside outlet sockets shall only be used with dedicated appliances.

No appliance shall be used outside when being connected to the internal socket.

SAFETY INSTRUCTIONS

Connection to the mains must be carried out in compliance with the regulations in force.

When working on the battery compartment, do not smoke, switch off all appliances and turn off all lamps.



For safety reasons and to enable the guarantee to be honoured, any modification to the electrical installation must be carried out by your dealer, subject to prior written approval by MVDL.



HOUSEHOLD APPLIANCES

GAS COOKER

HOW TO USE

- Only use the hob burners when the roof is raised.
- To start and use the hob burners, turn the gas cylinder tap from the closed position to the maximum position in an anti-clockwise direction. Press the key and leave it in the desired position.
- Light the burner by pressing the knob at the same time as you turn it to open the gas outlet. You can adjust the size of the flame with this same knob.
- The entire ignition process must be visible and must not be obscured by any utensils or pans.



While the hob burners are in use, it is essential to ensure that there is additional ventilation by opening a window near the stove.



The safety vents at the top and bottom must never be obstructed, not even partially. They must be checked from time to time and cleaned if necessary. After each use, be sure to shut off the gas supply to the stove and close the gas cylinder.

CLEANING AND MAINTENANCE

The cooker racks are removable for easy cleaning. All of them can be cleaned with a classic stainless steel product. Avoid abrasive products.



Wait for the racks to cool down before cleaning them.

Check that all burners are switched off before closing the lid.

REFRIGERATOR

HOW TO USE

- Your vehicle is equipped with a compression refrigerator. This refrigerator is designed to operate on 12 V DC voltage.
- The refrigerator allows fresh food to be stored. In addition, you can store frozen food in the freezer compartment.
- After start-up, it takes one minute for the compressor to start up.

The cooling capacity may vary depending on the ambient temperature, the amount of food to be stored and how often the door is opened.

FOOD PRESERVATION

- Start the refrigerator 12 hours before filling it and, if possible, only store food that is already cold.
- Always store food in closed containers or wrapped in aluminium foil. Never store hot food, let it cool down beforehand.
- Do not store food that may give off volatile and flammable gases.
- The freezer is intended for the preparation of ice cubes and the short-term storage of frozen food. It is not suitable for freezing food.
- Do not expose the refrigerator to direct sunlight.
- Please note that the temperature inside a closed vehicle exposed to the sun can rise considerably and affect the refrigerator's performance.
- Do not obstruct the air circulation around the refrigerator.

DEFROSTING THE REFRIGERATOR

- Frost forms on the cooling surfaces over time. The refrigerator must be defrosted when the frost layer reaches about 3 mm.
- To do this, set the control knob to 0 and leave the door open
- The defrost water is collected in the collection tray. Empty it when defrosting is complete.

DEFROSTING THE FREEZER

- Remove food and place it in another freezer if possible. Set the control knob to 0 and leave the door open.

CLEANING

- Remove the products from the refrigerator and turn it off.
- Clean only with a damp cloth and if necessary you can use a non-aggressive cleaning agent. Then dry the surfaces with a dry cloth.
- Never use sharp or abrasive products.

DOOR LOCKING

The refrigerator is equipped with a locking mechanism which also serves as protection during transport.



Do not change the locking mechanism unless the door is open. The appliance may be damaged if used with the door closed.





MISCELLANEOUS AND ACCESSORIES

ROOF

The pop-up roof installed in your vehicle allows you to stand comfortably inside the vehicle as well as having a comfortable bed for two adults.

- It should only be operated when the vehicle is parked and is designed for a maximum weight of 175 kg.



Use the top bunk only for sleeping and when doing so, use fall protection in the correct position.

Care should be taken to avoid the risk of falls when children, especially those under 6 years of age, use the top bunk. This bed is not suitable for use by unsupervised infants.

- The roof seal is not watertight. If you drive faster than the maximum speed stipulated for this type of vehicle according to the regulations of each country, this may cause the front part of the roof to open slightly, producing noises due to air entering the vehicle.
- The roof must not be raised if there is a load on top of it, so before opening the roof, make sure that there are no objects such as balconies or branches above the roof opening area and that the tailgate is closed, especially if a bicycle carrier is fitted.



For safety reasons, it is strictly forbidden to drive without the roof retracted and the safety locks locked.



In case of snow or frost, clear the snow and make sure that the perimeter rubber is not blocked by ice.

In case of wind it is advisable to position the lowest part of the roof in the direction from which the wind is coming. In this position it is permissible to have the roof open up to 6Bft*, otherwise it should be closed in a 4Bft wind*.

*The Beaufort scale (Bft) measures the strength of the wind.

In case of rain and strong winds, keep the roof windows closed as moisture could enter through screens or vents.

If the roof has to be retracted when it is raining or while the outside is wet, reopen it when the weather conditions allow the tarpaulin to dry, thus avoiding the appearance of stains or moisture problems. A closed roof that has a wet tarpaulin for a prolonged period of time will damage the tarpaulin, the bed mattress and the inside of the roof.

If the roof is not used for long periods of time, it is also necessary to open it from time to time to air the inside of the roof and the mattress.

- The pop-up roof has three windows to the outside, all of which have mosquito nets to keep insects out.
- The opening zips allow you to regulate the ventilation and lighting.
- When the zip is fully opened, the blackout fabric must be rolled up and secured with the Velcro fasteners at the bottom of each window to prevent it from being pinched by the bed.
- There is also a ventilation grille at the top, suitable for use in winter when ventilation is required but you want to avoid heat escaping from the interior.



When using the vehicle as a living space, it is mandatory to open the ventilation grille and be careful not to obstruct it even partially.



No accessories must be placed on the roof. Failure to comply with these rules will render you liable for any future consequences, direct or indirect, relating to the proper functioning of your vehicle.

The guarantee cannot be applied in the event of damage due to lack of maintenance and normal use of the roof.

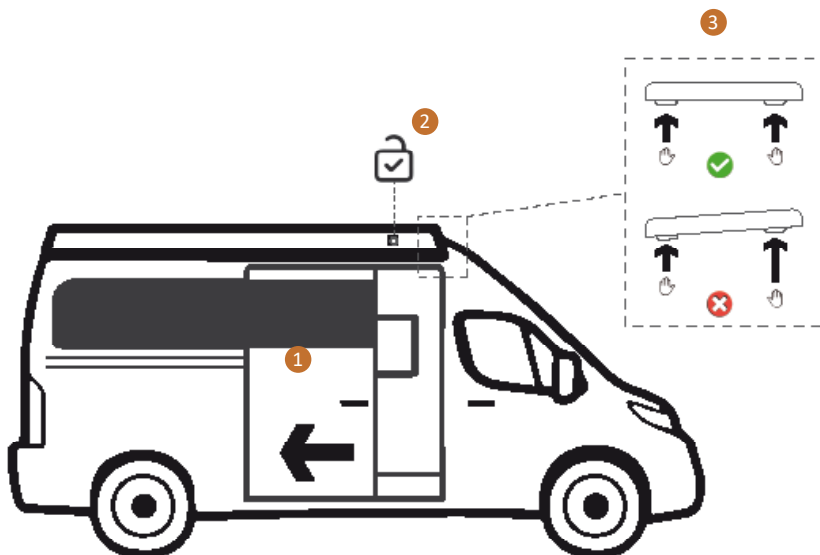


OPENING THE POP-UP ROOF

- 1 With the vehicle parked and the handbrake applied, open the side sliding door, or, alternatively, a cabin window to its maximum opening to allow air to enter, as opening the roof will draw in outside air.
- 2 Open the safety locks. To find out how to do this, all the information for each model is available in the ROOFS -ANNEX.
- 3 Once opened, press the inside of the roof upwards with your hands, making sure that it all rises at the same time. The piston system will help you to unfold the roof and the tarpaulin.
 - To raise the bed, use both hands to push on the end of the bed where you access the opening. It is advisable to raise the right and left side of the bed frame upwards at the same time.



Do not raise the roof and the bed at the same time.



CLOSING THE POP-UP ROOF

■ The space between the pop-up roof and the mattress on which you sleep is minimal, so no objects such as pillows, duvets, sleeping bags, clothes, etc. should be between the ceiling and the mattress, especially in the area opposite the safety catches.

1 The closing of the roof should be done with a window or door open so that air can easily escape to the outside.

■ The safety catches must be in a position that does not interfere with the folding of the tarpaulin.

■ Lower the bed until it fits into the recess of the sleeping position. Never lower the bed and roof at the same time.

2 Pull the straps lightly until the roof has closed halfway. Pull the sides of the tarpaulin into the gap between the mattress and the roof.

3 Lower the roof the rest of the way.

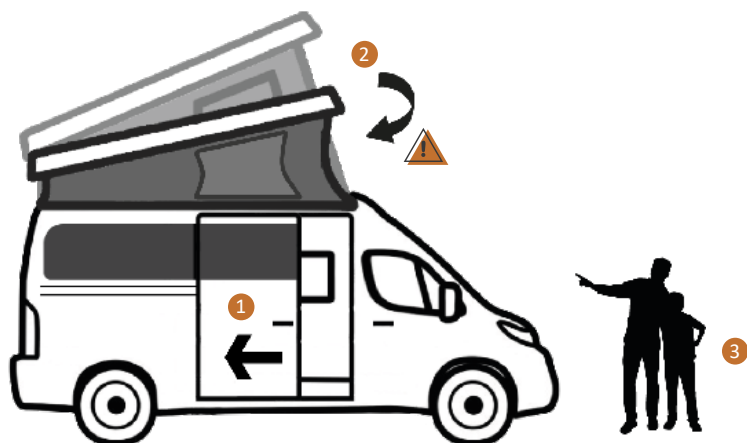
■ Go outside and make sure that no part of the tarpaulin is pinched between the roof and the car's bodywork.

■ Fold the tarpaulin in the area of the bed access gap so that the safety latches can be operated.

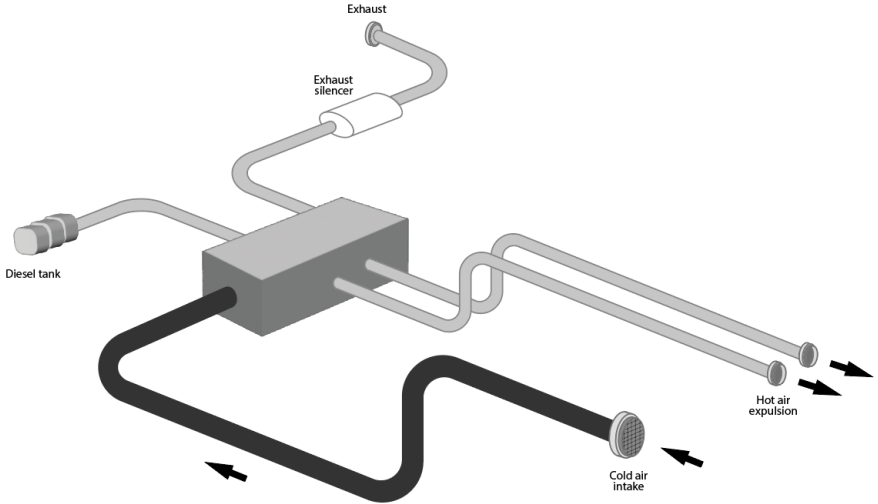
■ Lock the safety catches following the instructions according to the model as shown in the ROOFS - ANNEX.



Incorrect folding can permanently damage the tarpaulin.



HEATING



OPERATION

The heating system, located under the vehicle, runs on diesel fuel. It is supplied directly by the fuel tank and converts the cold air entering the passenger compartment into warm air. The warm air is then redistributed through vents located in various places in the passenger compartment.



Cold air inlet and hot air outlet



Ensure that the air vents are always clear.

The heating appliance is controlled from the control panel on the cabinet.

To switch on the heating appliance, turn the selector switch to the desired output.



Regulator for the heating

FAULTS

Any malfunctions will be indicated by a flashing light code on the control display.

Switch the heater off and then on again.

Check the condition of the battery, fuses and connections.

Check that the combustion air and flue gas pipes are not blocked.

If the fault cannot be rectified, the system must be checked by qualified personnel.

PORTA POTTI

Inside your vehicle there is a portable chemical toilet in its original packaging. This toilet does not require a direct connection to a sewer system or septic tank, so it can be used in places without permanent sanitary facilities.

Once removed from its original box, it can be stored in one of the lower cabinets of the adapted unit (it has a ventilation grille).



CABIN SEATS

In addition to moving forwards and backwards, the cabin seats can be rotated to the opposite direction of travel. To do this, simply pull the side lever forwards to unlock the swivel system.

Always turn them towards the center of the vehicle, never away from it, as this would break the rotation system.

To lock it again, simply return it to its original position (in the direction of travel).



BENCH

If you have a rear bench seat in your vehicle, you can convert it into an adult bed for two people.

CONVERTING THE BENCH INTO A BED

- Lower the head restraints until they are in their lowest position.
- Extend the seat section to the maximum using the lever located at the bottom of the seats and then fold out the seat section.



- Recline the backrests forward to a completely horizontal position using the red lever at the bottom of the backrests. Next, unfold the mattress behind the backrests over the previously extended part of the seats.



- Finally, unfold the rear complement to its horizontal position using the strap located on top of it.

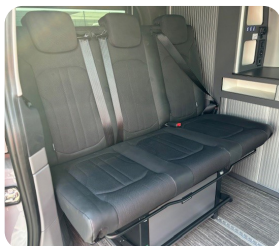


CONVERTING THE BED INTO A REAR BENCH SEAT

To reassemble the bench seat, simply follow the steps in reverse order to reassemble the bed:

- Raise the rear complement by pulling the strap until it is almost vertical (it must be slightly inclined so that the backrests can be correctly positioned later).
- Fold down the seat back cushion and then lift the seat back to its upright position.

- Finally, fold the extendable part of the seats and fold it back to its original position.



MOVING THE BENCH SEAT



It is recommended to travel with the bench seat in a position close to the front.

To move the bench seat, simply lift the lower lever to unlock it and move the seat to the desired position.



LOCKING THE BENCH SEAT

Release the lower lever to lock the bench seat. If the bench seat does not lock, move the bench seat slightly forwards and backwards so that it locks automatically.

The bench is properly secured when the lever is completely horizontal to the floor.



When handling the passenger bench seat cushions, especially after installation for sleeping, make sure that the seat belts and buckles are correctly positioned for road use.

INDIVIDUAL SEAT

If you have purchased a seat like the one in the picture, you should know that to remove or move it, you must first turn the metal lock 90° clockwise and then loosen the knob by turning it in the same direction.



To lock it, simply do the opposite process, first turn the knob anti-clockwise and then turn the lock in the same direction.



When using the vehicle as a living space, it is mandatory to remove the individual seats.

TABLE

You will have a table with three or four legs depending on the model. If you have the first one, you will have the option of placing it on the front rail of the unit with only one of the legs resting on it.



Do not use the table while the vehicle is in motion.

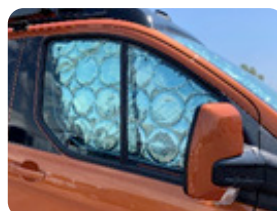
OUTDOOR SHOWER

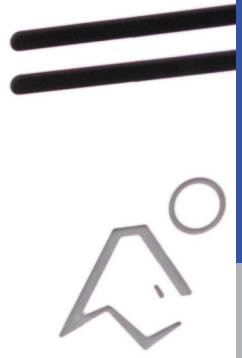
An outdoor hand shower is available either directly on the washbasin if you have a model with a bath, or by means of a hose that can be attached to the nozzle at the rear of the vehicle.



ISOTHERMAL CURTAINS

Isothermal curtains are supplied with the vehicle to cover the tailgate, side windows and windscreen.





WINTER PARKING

WATER



To prevent any damage due to mould or ice, it is imperative that the water circuit is completely drained.

DRAINING FRESH WATER



Turn off the power supply from the control panel.

Open the fresh water drain valve.

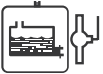
Open all taps until no more water flows out to ensure complete draining.

To complete the draining process, switch the pump on and leave it running for a moment with the taps open.



For safety reasons and to enable the guarantee to be honoured, any modifications to the fresh water and waste water installations must be carried out by your distributor, subject to prior written approval by MVDL.

EMPTYING OF WASTE WATER



Clean the sink before emptying.

Once cleaned, the tanks must be emptied following the procedure described above in the WASTEWATER DISPOSAL section on page 20.



The emptying of waste water should be carried out in appropriate places, such as service areas, specialised areas, public and private sanitation facilities, ...

GAS

Disconnect the gas cylinder and store it in a ventilated place.

To do this, close the stopcock on the cylinder, disconnect the tap and untie it to remove it from its compartment.

ELECTRICITY

Check the cleanliness of the battery terminals. If they are rusty (white powder), clean the terminals with a brush and apply electrical grease. Do not bring them close to other metal parts to avoid short circuits.

A residual current consumption persists when your vehicle is immobilised. To avoid an deep discharge, it is imperative to:

- Either disconnect the batteries if a 230 V connection is impossible, and store them at room temperature. Recharge the batteries once a month for 24 hours.
- Or keep them inside the vehicle if a 230 V connection is possible. Switch on the vehicle once a month for 24 hours to recharge the batteries.

In any case, do not forget to disconnect all electrical equipment from the control panel before any operation.



To disconnect the battery from the passenger compartment, always start with the negative terminal. This avoids short-circuiting it with the dismantling key. In addition, the positive terminal must be insulated with tape.



For safety reasons and to enable the guarantee to be honoured, any modifications to the electrical installation must be carried out by your dealer, subject to prior written approval.

For information on the engine battery, please refer to the manufacturer's instruction manual.

REFRIGERATOR

Empty the refrigerator completely. Keep the door ajar to prevent soiling and mould growth.

WINDOWS, DOORS, ROOF AND SEALS

Clean passenger compartment windows with standard window cleaner. Apply talcum powder or silicone to rubber parts and rubber sealing elements. Grease joints and hinges.



Never use abrasive tools or products (sandpaper, scouring pads, etc.) or alcohol-based products.

Close windows properly.

Check that the roof tarpaulin is not wet.

Remove mattresses and store them in a dry place.

Maintain cupboard doors ajar for natural ventilation.



Throughout the entire winter parking period, try to open the doors, windows and roof wide open for about ten minutes per month to air the inside of the passenger compartment and prevent any risk of odours and dampness.

NOTE: If the vehicle is stored in a garage, it is possible to leave one or more windows ajar to facilitate natural ventilation.

TEXTILES

MATTRESSES AND CUSHIONS

Remove mattresses and cushions regularly to air them and avoid the risk of mould and mildew. To remove dust, shake the cushions and mattresses outside the vehicle.



In case of stains, do not use aggressive stain removers such as petrol or acetone, but rather use a suitable product (test on an inconspicuous area first).

FURNITURE

Clean the furniture with a soft, dry cloth and an antistatic anti-dust cleaner.

The worktop and table should be cleaned with a damp sponge and glass cleaner. Dry the surfaces thoroughly after rinsing.



Never use abrasive tools or products (sandpaper, knives, etc.).

Use a clean sponge to avoid any risk of scratching.



EXTERIOR

Regularly clean the bodywork with water, a neutral cleaner, a bodywork sponge and a clean cloth. Rinse thoroughly with water after washing.



Do not wash the roof and stickers with a high-pressure jet within 50 cm of the vehicle.



Do not wash your vehicle in a washing station with rollers to avoid damaging the exterior equipment.



DETECTION OF FAULTS

The following is a non-exhaustive list of the different faults that can occur in the various devices in your vehicle, and the possible causes.



If everything seems normal, and if the problem persists, contact your dealer's after-sales service.



For safety reasons, and in order for the guarantee to apply, any modification to the installations, in particular water, gas, electricity, must be carried out by your dealer.

WATER INSTALLATION

NO WATER COMES OUT OF THE TAPS

- The fresh water tank is empty.
- The pump is not connected (indicator light off on the control panel).
- Leave the tap running for a few seconds to purge any air that may be in the water circuit.
- The drain valves are open.

NO WATER IS DRAINED FROM THE SINK, WASHBASIN OR SHOWER

- The waste water tank is full.

WATER LEAKS UNDER THE VEHICLE

- The fresh water tank is too full. Wait a few minutes for the water to drain.
- The drain valve of the fresh water tank is open.
- The waste water tank is full.
- The drain valve of the waste water tank is open.

GAS INSTALLATION

IF ONE OR MORE GAS APPLIANCES DO NOT WORK

- The gas cylinder stopcock is closed.
- The gas cylinder is empty.
- Check the piezo igniter.

It is important to make sure that there are no leaks in the gas circuit. The presence of gas can be identified by smell or by applying soapy water to the joints of the gas connections. Continuous formation of bubbles indicates a leak. Never use any flame.

ELECTRICAL INSTALLATION

IF ONE OR MORE ELECTRICAL APPLIANCES DO NOT WORK

- Appliances are not in the 'ON' position.
- Check the voltage from the control panel.
- The circuit breaker has tripped.
- The fuse of the corresponding device must be replaced, remembering to switch off the power supply beforehand.
- The battery terminals in the passenger compartment are not correctly positioned
- The terminals are dirty (presence of sulphate).



NOTES

A large, rounded rectangular box with a thin black border, containing 25 horizontal dotted lines for writing notes. The lines are evenly spaced and extend across the width of the box.

