

ALWAYS GAME ALWAYS PILOTE

Manuel d'utilisation

User Manual

Benutzerhandbuch

Manual de Instrucciones

Guida per l'utente

Bruksanvisning

A scenic view of a mountain trail. A wooden boardwalk with a metal mesh railing leads up a rocky slope. A hiker with a red backpack and a hat is walking away from the camera. In the background, another hiker is visible on a higher part of the trail. The landscape is rugged with large rock formations and green vegetation. The sky is blue with some clouds. The Pilote logo is in the top right corner.

PILOTE

ENGLISH

CONTENTS

1. WELCOME

1.1	Welcome aboard!	64
1.2	How to use this manual	64
1.3	Legal Information	65
1.3.1	Regulations	65
1.3.2	Warranty	65
1.4	Motorhome manners	66
1.4.1	General principles	66
1.4.2	Parking	66
1.4.3	Waste	66
1.4.4	Reference organisations	66

2. DISCOVERING YOUR MOTORHOME

2.1	Base vehicle	67
2.1.1	Chassis	67
2.1.2	Tyres	67
2.1.3	Accessories	67
2.2	Living area	68
2.2.1	Hatches, openings and valves	68
2.2.2	Luggage holds and storage areas	68
2.2.3	Interior layout	68
2.3	Basic fluid diagrams	69
2.3.1	Water	69
2.3.2	Electricity	70
2.4	Settings page	74
2.4.1	Gas	75
2.4.2	Ventilation and heating	76
2.5	Safety	76
2.5.1	Fire	76
2.5.2	Gas	77
2.5.3	Electricity	77
2.5.4	Emergency exits	78

3. PREPARING TO TRAVEL

3.1	Start-up after immobilisation	80
3.1.1	Fresh water	80
3.1.2	Refrigerator	80
3.2	Refuelling and levels	80
3.2.1	Fuel and AdBlue	80
3.2.2	Tyre pressure	80
3.2.3	Fresh water	81
3.2.4	Gas	81
3.2.5	Battery	81
3.3	Practical and emergency equipment	82
3.3.1	Light bulbs	82
3.4	Loading	82
3.4.1	Technical specifications	82
3.4.2	Calculating mass	83
3.4.3	Storing baggage	83
3.4.4	Trailer	84

4. TRAVELLING

4.1	Safety checks before departure	85
4.2	Settings	85
4.3	Driving	85
4.4	Authorised seats	86

5. STOPPING AND PARKING

5.1	Choosing a spot	88
5.2	Safety when stationary	88
5.3	Supply	88
5.3.1	Turning on the water	88
5.3.2	Turning on the gas	89
5.3.3	230V electricity	89
5.4	Draining	90
5.4.1	Wastewater	90
5.4.2	Blackwater (toilet)	90

5.5	Insulation	90
5.6	Locking	90

6. USING THE EQUIPMENT

6.1	Windows and doors	91
6.1.1	Window	91
6.1.2	Skylight	93
6.2	Kitchen	94
6.2.1	Sink	94
6.2.2	Hood (option)	95
6.2.3	Refrigerator	95
6.2.4	Gas-powered appliances	95
6.3	Table	99
6.3.1	Table mounted to vehicle side wall	99
6.3.2	Fixed-leg central table	99
6.3.3	Central table with folding extension	100
6.4	Television	101
6.4.1	Turning the satellite TV on and off	101
6.5	GPS and car radio	102
6.6	Reversing camera	103
6.7	Bathroom	103
6.7.1	Shower and washbasin	103
6.7.2	Toilet	103
6.8	Beds	104
6.8.1	Dinette bed	105
6.8.2	Drop-down bed	106

7. MAINTENANCE AND WINTERISATION

7.1	Gas systems	110
7.2	Cleaning the interior	110
7.2.1	Cab	110
7.2.2	Cushions, mattresses and curtains	110
7.2.3	Window and skylight maintenance	110
7.2.4	Furniture	111

7.2.5	Bathroom equipment	111
7.2.6	Cooking appliances	111
7.2.7	Boiler	112
7.2.8	Control panel	112
7.3	Cleaning the exterior	112
7.3.1	Washing the bodywork	112
7.3.2	Tar	113
7.3.3	Small scratches	113
7.4	Winterisation or long stops	113
7.4.1	Leisure battery	113
7.4.2	Water	115
7.4.3	Gas	115
7.4.4	Turning off the refrigerator	115
7.4.5	Ventillation system	116
7.4.6	Living area carpet (option)	116
7.4.7	Repairs	116

STANDARD MOTORHOME CONFIGURATION

The symbols and different areas shown on this basic diagram do not necessarily reflect the layout of your motorhome.



Garage space



230 V connection



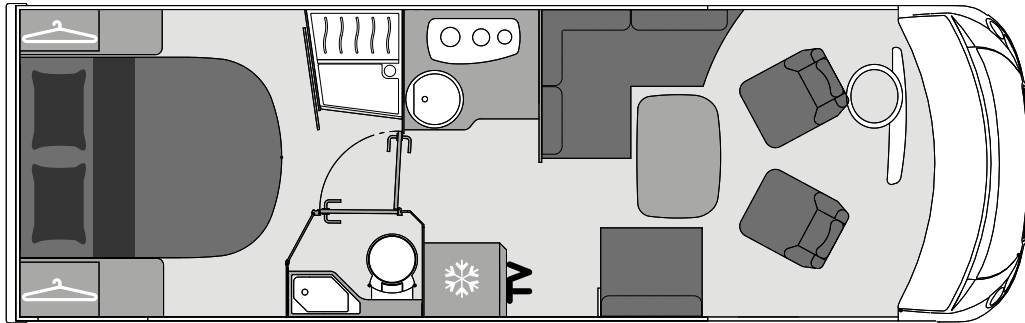
Water heater drain
(Frost Control)



Fresh water inlet



Diesel and AdBlue
hatches



Wastewater drain



Cassette toilet



Control panel



Leisure battery
(if Energy Pack included)



Fire extinguisher
(depending on country)



Gas bottle
cupboard

Despite being the exclusive property of Pilote Group, the photographs and illustrations published here are not binding. The Group reserves the right to modify, add or remove components and technical characteristics at any time, without notice, for the sole purpose of improving the quality of its products. Despite the care taken in preparing it, this catalogue is a non-binding document.

1. WELCOME

1.1 Welcome aboard!

Thank you for choosing to buy a Pilote.

It is very important to read this user manual carefully as well as the instructions provided with all the fittings: refrigerator, water heater, heater, oven, etc.

To ensure greater comfort and to prevent excessive depreciation of your motorhome, use it correctly.

Our network is always here to help.

Any infringement, translation or copy of all or part of this document is strictly forbidden. Any full or partial copy requires our prior written permission.

Enjoy travelling in your motorhome!

1.2 How to use this manual

Always keep this user manual in the motorhome and inform the other users of the safety instructions. This document contains some important remarks concerning personal safety. Please read it carefully. You will find below the meaning of the various pictograms used in this document.



Warning, risk of injury

If you ignore this, you may place other people in danger.



Warning, risk of property damage

If you ignore this remark, you may damage the appliances concerned.



Additional information

These provide further information or draw your attention to useful details.



Protecting the environment

Certain actions and behaviours may cause damage to the environment.



Cold weather use

Beware of hazards caused by cold weather.



Warranty limitation

Warning, you may limit or void the warranty if you do not heed these recommendations.

1.3 Legal Information

1.3.1 Regulations

The vehicle must be registered according to regulations. There are no specific regulations that apply to the use of a motorhome. Motorhomes are both vehicles and a form of accommodation. As such, they are subject to the following codes, depending on the country:

- Highway code when driving
- Local legislation and highway code when parking on public roads
- Urban land use code when parking on private property

1.3.2 Warranty

- The dealership warranty is for 24 months from the campervan's first in-service date. The date is specifically mentioned by the dealer in the box reserved for that purpose on the warranty certificate.
- The warranty only applies to the living area and any modifications made by GP SAS to the base vehicle chassis; the chassis is covered by the automotive manufacturer's warranty.
- The warranty should, as far as possible, be redeemed by the dealership where the vehicle was purchased, both for the living area itself and for any defective parts that may be replaced separately.
- The motorhome shall be made available to the dealer for any exchange or repair work. No refund shall be made for the cost of transport to and from the dealer (both for the motorhome and the people) or other related expenses incurred directly or indirectly.
- If household appliances are covered by their own manufacturer's warranty (fridge, heating system, etc.), contact your nearest brand representative (see list of representatives provided with the appliance) or, failing this, your Pilote dealer.
- You must fill out the warranty documents for appliances when provided and return them to the various manufacturers.

The warranty will not apply in the following cases:

- The buyer has not complied with the instructions for use
- The motorhome has been modified by a non-approved person or by installing non-original parts
- The damage or the defect is due to failure to observe the Highway Code
- The damage results from improper or negligent use
- Normal wear and tear
- The motorhome was repaired in a workshop not approved by GP SAS or without its prior written agreement
- The motorhome has been converted or equipped with accessories not fitted by the manufacturer and which are liable to affect key vehicle characteristics

1.4 Motorhome manners

1.4.1 General principles

Good motorhome owners are discreet and should be careful not to leave any trace of their stay. Good manners, respect for others and protecting the environment are values that everyone, including motorhome owners, should abide by. The use of a motorhome as accommodation involves respecting the rules with regard to the inhabitants of those places visited.

1.4.2 Parking

In town centres or urban areas, it is advisable to park in areas that are not densely populated, that do not impair visibility or prevent businesses from operating, and where the size of the motorhome will not obstruct traffic. Likewise, using motorhomes as accommodation should take place in such areas without:

- spreading to the area around the vehicle,
- causing inconvenience to residents,
- monopolising the public area,
- without allowing pets to run riot, foul or otherwise disturb the neighbours

1.4.3 Waste

Wastewater and blackwater (toilet) must be drained off in appropriate places and never near housing, rivers, streams or crops. Emptying blackwater (toilet) into the rain water drainage network is strictly prohibited.

All water drainage valves must be closed while travelling. It is always worth checking with each location about the facilities for properly disposing of wastewater. Household rubbish must be placed in plastic bags and disposed of in designated places.



By observing all of these common-sense rules, everyone may fully enjoy the multitude of pleasures provided by their passion for motorhomes.

1.4.4 Reference organisations


You can obtain a copy of the Guide to Responsible Motorhome Use in French from the RV syndicate at: www.univdl.org. The CLC (Motorhome Liaison Committee) comprises three organisations: the Syndicate of Motorhome Manufacturers (SICVERL), the Syndicate of Motorhome Distributors (DICA) and the Federation of Motorhome User Clubs (FFACCC).

2. DISCOVERING YOUR MOTORHOME

2.1 Base vehicle

2.1.1 Chassis

Your dealer should give you the user manual and the chassis maintenance book published by the automotive manufacturer when your vehicle is delivered. We recommend that you take note of the contents and follow the instructions relating to chassis.

 **Wheel alignment must be checked at 1,500km (900 miles). An additional inspection is strongly recommended at 20,000km (12,000 miles). Such inspections are at your expense.**

The chassis number stamp or hard stamped number of your vehicle is located on the front right wheel-housing or in the front right door pillar.



Chassis number
on Fiat Citroën low-profile model



Chassis number
on Ford low-profile model



Chassis number
on Fiat A-Class model

2.1.2 Tyres

For the tyre pressure, see Tyre pressure, page 80. In case of puncture, use the quick repair kit located in one of the boots. On the Ford chassis, the puncture repair kit is located in the driver-side step on the right.

2.1.3 Accessories

Motorbike racks and coupling systems must be approved and fitted with the appropriate electrical circuit. Check with your dealer if your vehicle can have this type of equipment installed.



 **Accessories reduce the load capacity of the motorhome and affect how the vehicle handles. The driver should adapt their driving or even reduce speed in some countries.**

2.2 Living area

2.2.1 Hatches, openings and valves

Your motorhome has several types of openings on the outside:

Doors and windows

- Cab entrance door(s)
- Living area entrance door
- Windows
- Skylights (translucent)
- Storage compartment access doors
- Cassette toilet compartment door for draining

Hatches

- Fuel
- AdBlue
- Fresh water inlet

Drainage valves

- Draining the fresh water tank
- Draining the water heater
- Wastewater disposal

Ventilation systems

- Foul air grilles and/or ventilation shafts (for cooking appliances, refrigerator, heating system, etc. depending on the model)
- Devices built into the skylights and floor of the vehicle

2.2.2 Luggage holds and storage areas

Your motorhome features several interior and exterior luggage holds.

2.2.3 Interior layout

Your motorhome is made up of four equipment zones for your comfort and safety. The layouts differ according to the models and the options delivered.

- Driving: seats fitted with safety belts
- Living room: bench seats, table, TV compartment and storage
- Kitchen: sink, cooking appliances, refrigerator and storage
- Bathroom: washbasin, shower, toilet and storage
- Bedroom: bed, mattress and storage

Warning, risk of injury



The magnets in the seats and seat backs are located at a minimal safety distance in order to avoid interfering with the correct operation of pacemakers and implanted defibrillators. However, when handling the seats and seat backs, or incorrectly using them, pacemakers may switch to test mode and cause discomfort or defibrillators may cease to operate. If you are unsure, it is best to have your dealer remove the magnets and replace them with velcro.

2.3 Basic fluid diagrams



DO NOT PIERCE THE FLOOR OF LOW-PROFILE MOTORHOMES.

Gas and water drainage pipes are built into the floor.

Never carry out any modifications; these must be performed by approved fitters.

2.3.1 Water

Supply diagram



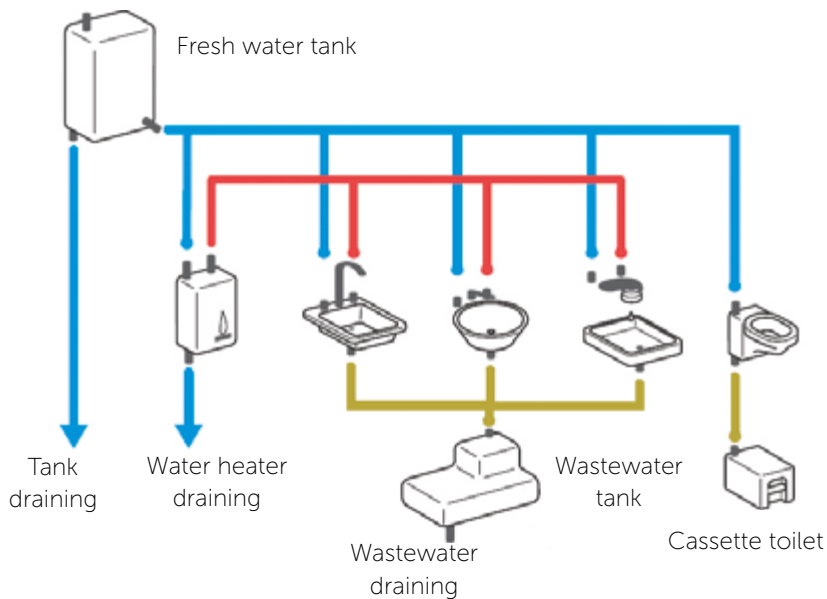
Fresh water

Filling up is done using an external nozzle fitted with a lockable hatch, identified by a pictogram. The tank is located in one of the bench-seat chests or in the double floor.



Wastewater

Wastewater is collected in a tank under the vehicle. Wastewater is drained using a discharge valve located behind the driver side skirt or in the double floor.



2.3.2 Electricity

Supply diagram

The electricity supply is made up of a 230 V AC part and a 12 V DC part.

230 V power supply

Connecting to the mains supply allows you to:

- recharge the leisure battery
- use power outlets
- run the refrigerator on 230V
- run the heating system and boiler if fitted with the electrical option

12 V power supply

The motorhome's 12 V power supply comes from two batteries: the engine battery and the leisure battery. The engine battery powers all electrical equipment in the vehicle section.

The leisure battery powers the electrical appliances in the living quarters. It is located in a chest or in the storage area (depending on model). This battery is of the "semi-stationary" type. Under no circumstances may it be replaced by a vehicle starter battery. For any replacement, please contact your dealer.

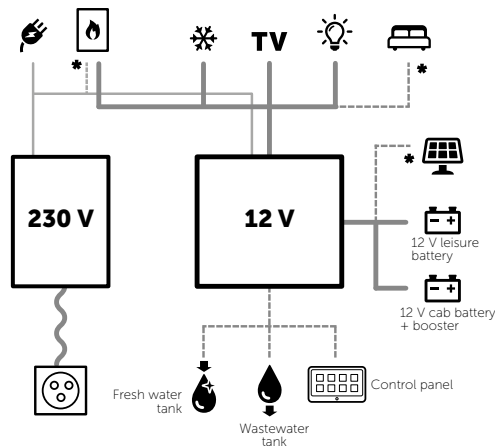
When the combustion engine is running, the alternator charges the base vehicle battery and then the leisure battery. Note that the base vehicle battery is not charged by the 230V power supply, the solar panel or the leisure battery. This is a technical requirement by the base vehicle manufacturer.

For longer wintering periods:

The base vehicle battery must be periodically recharged (every 3 weeks) using the engine's alternator to prevent significant natural discharge of the battery. The base vehicle battery can also be disconnected by following the manufacturer's technical instructions.

Never carry out or allow modifications to electrical appliances or systems, unless performed by approved fitters. A cable reel must be completely unwound to prevent the electric power supply cable from overheating.

 Incorrect assembly of the electrical and electronic accessories may seriously damage the motorhome and lead to loss of warranty.



*Optional fittings and fittings only available on certain vehicles

Solar panel

A solar panel may be plugged into connector 2 of the power pack (option). It is important to carefully follow the assembly instructions provided by the solar panel manufacturer.

 **Solar panels often do not provide adequate additional charge when several electric appliances are used simultaneously at night.**

A feeder cable is provided for connecting solar panels to the solar charge controller built into the power pack (max. 200 W).

Generator set

When using a generator set, please carry out the following steps in the right order:

- First start the generator set
- Connect the 230V cable to the motorhome



A generator connected to the motorhome's 230 V system must be perfectly calibrated (risk of damage to the internal charger).


The circuit elements

Power pack

The power pack includes a charger, a transformer (complete 12 V distribution), a 200 W inbuilt solar charge controller and fuses (circuit protection). Depending on the model, this can be found in the storage area, under the refrigerator or in the passenger-side bench seat.

230 V circuit breaker

The circuit breaker is next to the power pack.

 **The current consumed should not exceed 90% of the nominal value of the fuse on the power pack.**

Sensors

Sensors measure the fresh water and wastewater tank levels, and the leisure battery charge.

No battery

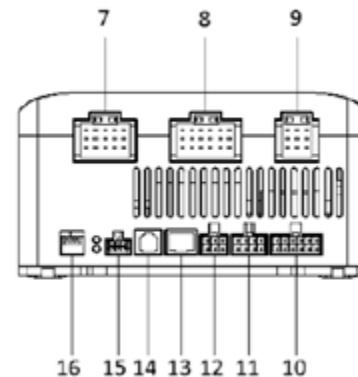
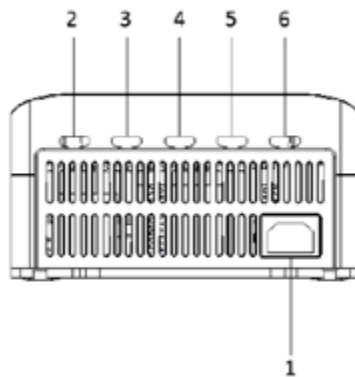
For vehicles that do not come with an original leisure battery, the battery must be installed by a professional. When connecting a liquid lead battery, a spillage tray (that can hold 20% of the total electrolyte) and a de-gassing hose must also be installed. A booster must be installed if the vehicle is fitted with a smart alternator.

Power pack - Fuses

FUSE NO.	RATING	PURPOSE
F2	5 A	Awning light
F3	7.5 A	Pump
F4	10 A	Auxiliaries
F5	10 A	Oven
F6	10 A	Lighting 1
F7	10 A	Lighting 2
F9	10 A	Bedroom USB port
F10	10 A	Kitchen USB port
F11	15 A	12V kitchen power outlet
F12	10 A	Satellite dish
F13	5 A	Car radio
F14	10 A	Heating system
F15	10 A	TV with demodulator
F16	25 A	Electric bed
F18	20 A	Permanent refrigerator
F19	20 A	Step
F20	50 A	Auxiliary battery
F21	50 A	Engine battery
F1	25 A	Water pump bypass
F8	25 A	Lighting bypass
F17	25 A	Electric bed bypass

Power pack - Connectors

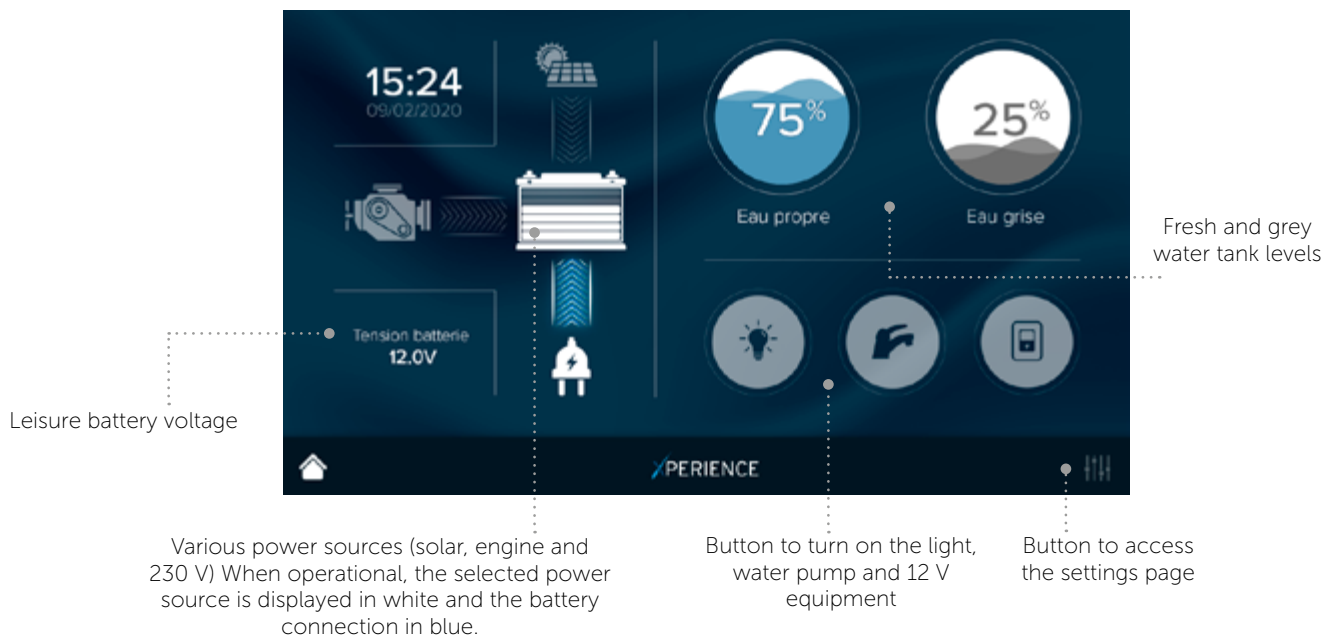
1	230V input
2	Solar panel
3	Refrigerator
4	Electric bed
5	Engine battery
6	Leisure battery
7	Living area charges
8	Living area charges
9	Living area charges
10	Chassis signal input
11	Wastewater tank
12	Fresh water tank
13	RS-485 port
14	CI-Bus port
15	CAN port (control panel)
16	Battery / booster settings



Control panel

The Xperience tablet enables you to control electrical functions in the motorhome's living area. It is located at the living area entrance and operates when the master switch is on '1'. The tablet switches to standby after 60 seconds of inactivity and after 5 minutes it automatically switches off. Touch the screen to turn the tablet back on.

The main switch at the entrance cuts the 12 V power supply (residual consumption may continue, depending on your equipment).



Below 10.8 V, the control panel and all equipment will no longer operate. You must recharge the battery by starting the vehicle or connecting to mains power.

The F1, F8 and F17 bypasses enable you to force various functions (bed, water pump and lighting) from the power pack if the control panel malfunctions (see 'Power pack - Fuses', page 14).

2.4 Settings page

74

ENGLISH



Time, date and format settings

Language selection

Software and equipment version

Technical provisions

The motorhome's electrical system must comply with required standards. Any interference with or modifications made to electrical systems may affect personal and vehicle safety and is therefore prohibited. It is formally prohibited to carry out modifications to the control panel. Only qualified technicians are allowed to work on the electrical connections, as specified in the manufacturer's assembly manual.

Operating voltage

The rated voltage is 12 V.

2.4.1 Gas

Supply diagram

The gas pressure regulator may be equipped with an automatic inverter, depending on the model.

Only approved fitters are authorised to work on gas-powered appliances.

System

Your motorhome is fitted with a gas cupboard that can hold two bottles, only one of which is connected at a time. The gas bottles should be placed in the compartment provided for this purpose. The system operates only on propane, in all countries. The operating pressure is 30 mbar.

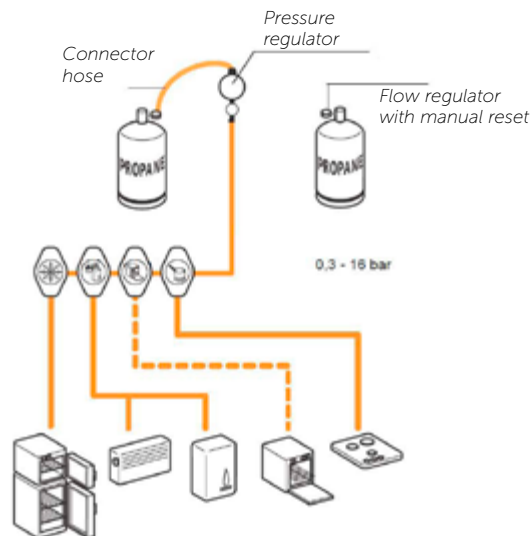
For all connections of additional elements to your system, please consult your dealer.

- Do not change the type of regulator
- Do not use the appliances with a different service pressure
- Before the indicated expiry date, replace the flexible supply hoses (tubes) with an approved model that is identical to the original.

Gas system for heating while driving

The pressure regulator has a built-in impact detector. In case of an accident with a strong deceleration, a mechanical protection system shuts off the gas inlet. This system complies with European regulations and allows you to use the gas heater while driving. Apart from the heating, no other appliances are designed to be used when driving.

‘Twiny’-type gas bottles may not function properly in cold weather when gas consumption is high (use of heating system). It is preferable to use a 13 kg bottle, keeping the ‘Twiny’ in reserve.



2.4.2 Ventilation and heating

Having permanent upper and lower ventilation is essential in order to ensure constant air renewal.

- Lower ventilation is generally provided through a vent at the bottom of the furniture or in the floor.
- Upper ventilation is provided through skylights, which have a permanent vent system.

These systems encourage natural air circulation, including inside the bench seats.



**The vents should never be blocked, even during the winter.
They must be kept clean and dust free.**

2.5 Safety

Never leave children unattended in your motorhome. This safety precaution is crucial in motorhomes due to the presence of medium and low voltage electrical appliances and gas-powered equipment.

Using the electric-windows can be dangerous. Ensure that there is no risk of passengers' limbs getting caught in the electric-windows.

2.5.1 Fire

Provide an approved dry powder fire extinguisher with a capacity of at least 1 kg and familiarise yourself with the instructions.

Keep a fire-blanket near the kitchen area. Consult the local fire safety measures.

Do not store aerosol cans in the motorhome; there is a risk that they could explode at temperatures above 50°C (122°F), which can often occur in the summer. Never use any cooking or heating devices other than those installed in the motorhome. If you must plug in a cooking appliance or electric heater, it must work on the principle of direct radiation to avoid the risk of fire or asphyxia.

Make sure you understand the diagrams showing the emergency exit(s) from your motorhome. (see Emergency exits, page 78)

2.5.2 Gas

Gas leak

If you notice the smell of gas, do not turn on lights, hand torches or any electrical item (e.g. switch), or light any matches or lighters, until the smell disappears.

You should immediately:

1. Shut off the gas bottles
2. Ventilate by opening all windows and doors

2.5.3 Electricity

Any modifications or repairs to the electrical circuit carried out in a non-compliant manner or without taking account of the technical specifications of the circuit may cause malfunctioning or a fire hazard.

The liquid contained inside the leisure battery, just like that in the engine battery, is toxic and corrosive. Avoid all contact with the skin and eyes. The battery is a dangerous piece of equipment and incorrect handling may trigger strong electric shocks. Do not go near the battery with naked flames, lit cigarettes, any source of sparks or aerosol cans: risk of fire or explosion.



Always wear suitable eye protection when working on the battery or nearby.

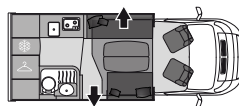
2.5.4 Emergency exits

The diagrams below show the emergency exits in your motorhome, in accordance with the applicable regulations.

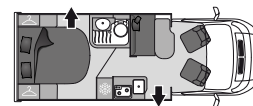
Low-profile models



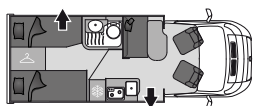
P600P



P626D



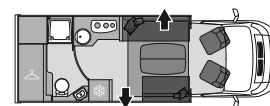
P650C



P650GJ



P690GJ, P696GJ



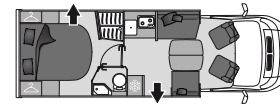
P696D



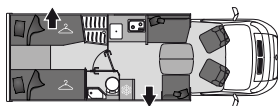
P696S



P696U



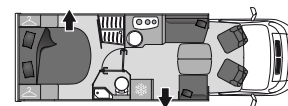
P720FC, P726FC



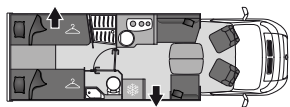
P720FGJ, P726FGJ



P726P



P740FC, P746FC, P740C, P746C



P740FGJ, P746FGJ, P740GJ, P746CG

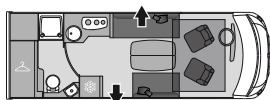


A656D



A696G

A-class models



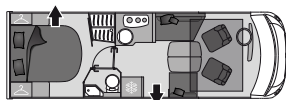
G690D



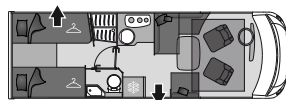
G690GJ



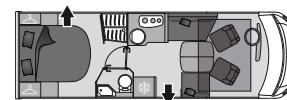
G720FC



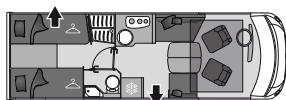
G740FC, G740C



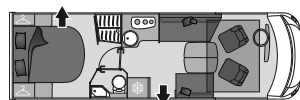
G740FGJ, G740GJ



G741FC



G741FGJ



G781FC



G781FGJ

3. PREPARING TO TRAVEL

3.1 Start-up after immobilisation

3.1.1 Fresh water

Re-pressurisation after a long wintering period can lead to the water arriving in a sporadic manner. It is therefore better to purge the system while leaving the tap on. The pressure becomes constant as soon as there is no more air in the pipes.

3.1.2 Refrigerator

When the gas is in use, do not raise the exterior winter covers. This ensures any accumulated heat and gas from the refrigerator can properly vent.

Cold air may adversely affect the module's performance. Raise the winter covers when you notice a drop in the fridge's performance during cold outdoor temperatures. This will protect the module from air that is too cold, which may affect its performance. Remember to remove the covers when the outdoor temperature rises.

Raise the winter covers when the vehicle's exterior is cleaned or when it is not used for an extended period.

3.2 Refuelling and levels

3.2.1 Fuel and AdBlue



The fuel tank is accessed via a locked hatch which is depicted with a symbol. Consult the user manual of the chassis manufacturer for the specifications. Before refuelling, turn off the gas appliances and close the gas bottle taps.

The AdBlue filler neck is located beside the fuel filler neck for low-profile models and in the driver's step for A-class models.



When filling with fuel, it is strictly prohibited to use gas appliances including heating systems, even if they may be used while driving (with Crash Sensor).



Important: never pour AdBlue into the fuel tank or vice versa.

3.2.2 Tyre pressure

To drive in complete safety, check the tyre pressure every 15 days and before any long trip. Check the pressure when cold. Never reduce tyre pressure when tyres are hot, otherwise the pressure will be too low once the tyres cool down. Tyre pressure should be adjusted according to the vehicle's load.

Cold tyre pressure recommended by manufacturer

TYRES (EQUIPPED WITH A METAL MICHELIN CAMPING TYPE VALVE)	FRONT PRESSURE	REAR PRESSURE
215/70 R15 CP Fiat/Citroën	5.0 bars	5.5 bars
225/75 R16 CP Fiat/Citroën	5.5 bars	5.5 bars
235/65 R16C Ford	3.5 bars	4.5 bars



The under- or over-inflation of tyres reduces their service life, increases fuel consumption and compromises your safety: risk of blowout, increase in braking distances and loss of grip.

For electronic tyre valves, adjusting the pressure or changing the tyre may cause an indicator to appear on the dashboard. That indicator should disappear after 20 minutes of driving (electronic valve training period).

3.2.3 Fresh water



You can refill your fresh water tank at service stations when refuelling. An increasing number of service points are being set up by local authorities; use them for both filling up with fresh water and emptying your wastewater. Filling is done via a filler flap fitted with a locking cap and identified by a pictogram.

3.2.4 Gas

Starting and stopping the system

Refer to the manufacturer's manual to start and stop the gas system.

Changing an empty bottle

Refer to the manufacturer's manual for how to change an empty bottle. Bottles must be securely strapped in place before closing the compartment. Gas bottle connectors differ from one country to another. Make sure that the bottle is compatible with your rubber gas pipe before replacing the bottle when abroad.



Important: some gas always remains, even in an empty bottle. Keep away from any flames.

3.2.5 Battery

Before setting out on a trip, particularly after a long period of inactivity, check the charge on the engine and leisure batteries. To recharge the leisure battery, connect the vehicle to the 230 V mains supply for 24 hours. Completely flat batteries lose efficiency. The battery will switch to safe mode at a certain charge threshold. The base vehicle battery can only be recharged using the base vehicle motor's alternator.



The battery must not be in contact with any metal object. The battery housing must be kept closed at all times and must only contain the battery.

3.3 Practical and emergency equipment

You must have reflective vests as well as an emergency warning triangle (important: the legislation differs from country to country, so check before travelling). Pack essential items such as a road map, first-aid kit, toolbox, spare bulbs and fuses, water-tank filling hose and 230 V extension cord.



Make sure there are snow tools in the vehicle (spade, broom, etc.) to clear the entrance step, roof, windows and around the vehicle.

3.3.1 Light bulbs

Headlights: refer to the base vehicle manual

Upper clearance lights on Fiat and Citroën: C5W 12 V / 5 W

Rear fog lights and reversing lights on Ford: P21W, 12 V

Front fog lights on A-class models: H7, 12 V / 55 W

Rear licence plate lights: W5W, 12 V

Other lights are LEDs. Contact your dealer.

3.4 Loading

3.4.1 Technical specifications

Your motorhome was designed and approved in accordance with strict technical specifications that should be observed, such as:

- the maximum authorised mass (vehicle only)
- the maximum towable mass (for the trailer)
- the gross train weight (vehicle + trailer)
- the maximum loads allowed on each of the axles
- the mass in running order (see Note, page 84)

You can find some of these details on your vehicle registration document:

- Box F1: maximum authorised mass (MAM)
- Box F3: gross train weight (GTW)
- Box G: Mass in Running Order (MIRO)

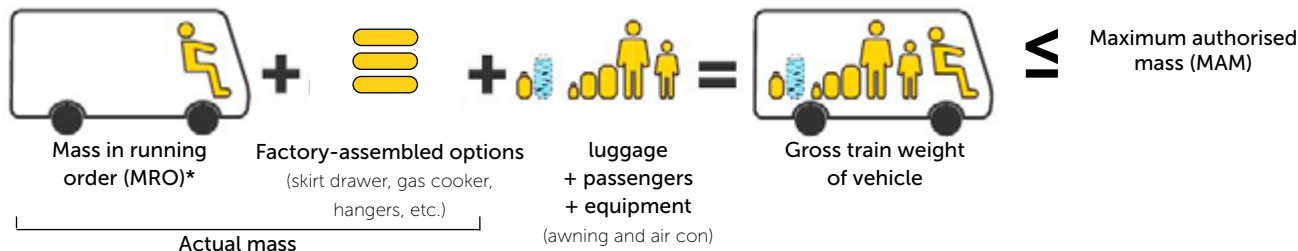
PILOTE	
e13x2007/46x0212 kg	
ETAPE 2	
7FA25000002960193	
	3500 kg
	6000 kg
1-	1850 kg
2-	2000 kg
3-	kg

The ID plate (metal plate or label) is located in the engine compartment and states:

- certification number
- stage number
- stage 1 ID number
- MAM
- GTW
- maximum load on each axle (1, 2 and 3)

3.4.2 Calculating mass

Calculate your load by taking into account all elements including passengers, luggage, equipment, optional extras, and full tanks of fuel, fresh water and gas. This should be evenly distributed throughout the different storage areas of your vehicle.



*MRO (mass in running order) is the vehicle's mass (weight) with the fuel tank filled to 90 %, 20 L of fresh water, one gas bottle filled to 90 %, the driver (75 kg) and the standard vehicle fittings.

Caution: installing heavy optional equipment (additional water tank, 230 V air conditioning + generator, motorcycle carrier, etc.) will affect your load and reduce your available payload. Ask your dealer about the available payload for your vehicle. Failure to follow these instructions may lead to dangerous situations in the event of sudden braking or collision, and the vehicle's immobilisation following a law enforcement agency's inspection.

3.4.3 Storing baggage

To avoid having excess baggage, draw up lists for crockery, clothing and personal objects. We advise you to keep them in a specific place, well wedged into the many storage compartments intended for the purpose, so as to be able to find them easily. Make good use of the purpose-built storage compartments such as the furniture and outer lockers.

Load distribution

To maintain your motorhome's road-holding ability, the centre of gravity of the load must be as low as possible. This will reduce any undesirable suspension effects, such as rolling, pitching, etc. Heavy loads must be tied down or wedged in to avoid any ill-timed movement. If possible they should be placed close to the motorhome floor and distributed evenly so as not to exceed the maximum permissible loads. The overhead cupboards and the storage chests located behind the rear axle should be reserved for relatively lightweight objects.



3.4.4 Trailer



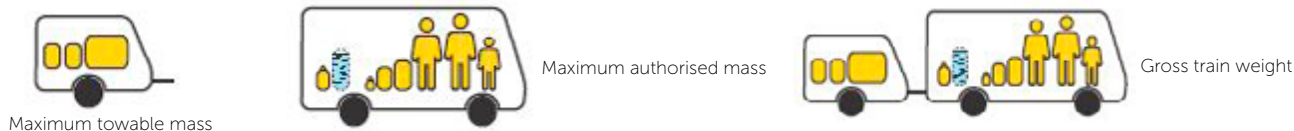
The trailer weight must be less than or equal to:

- your motorhome's maximum tow weight (see Technical specifications, page 82)
- the maximum authorised mass for your coupling.

The latter is calculated based on the value D indicated on the coupling, using the following formula: $MR = (D \times T) \div [(9.8 \times T) - D]$

where T = Maximum Authorised Mass of your vehicle (in tonnes)

For example, if T = 3.5 t. and D = 12.5 kN, then MR = 2 t.



Note: Pilote Group is committed to delivering motorhomes whose MRO sits within the 5% tolerance threshold of that set during the certification process. This 5% value was set by European regulations in order to take into account potential variations in motorhome weights due to manufacturing variables, both for the base vehicle and living area; for example, the external sheet metal's average thickness or the moisture levels in porous components may vary.

4. TRAVELLING

4.1 Safety checks before departure

Before taking to the road, systematically check that all signalling devices (indicators, main-beam, dipped, warning headlights, horn, etc.) are functioning correctly. Your motorhome is always ready to take to the road. There are no other specific driving preparations to be made. However, some precautions are necessary to avoid incidents.

- Check that all taps and valves are closed
- Lock the refrigerator door
- Close the doors to the wardrobe and bathroom
- Close the windows
- Close the skylights
- Lock the cupboards
- Close all drawers
- Do not leave items on the tables or kitchen workbench
- Check that all the functions on the control panel are off
- Close the living area door
- Disconnect the external 230 V power cable
- Lock the various sliding doors in place.

4.2 Settings

- Check the adjustment of seats, safety belts and head rests.
- Adjust the wing mirrors to your field of vision.
- The blind must be removed from the windscreen while driving.

4.3 Driving

A motorhome is much bigger than a car. Before first use, familiarise yourself with driving the vehicle, particularly in reverse. Be very careful when going downhill, overtaking or if there are cross-winds. On the road, always bear in mind the dimensions of your vehicle.

Height

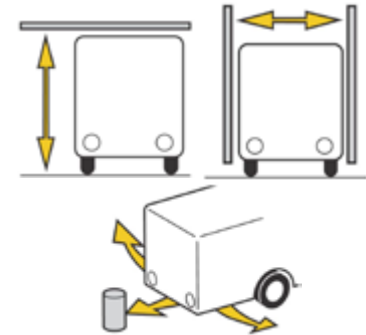
Be careful with bridges, tunnels, car parks, overhead branches, service station canopies, etc.

Width

Avoid entering narrow passageways or areas involving complicated extraction manoeuvres. If need be, perform an initial reconnaissance of the site.

Overhang

When manoeuvring, do not hesitate to ask for assistance from someone outside the vehicle.



4.4 Authorised seats

Authorised seats while driving

Only the seats in the living area marked with the sticker shown opposite are authorised when driving, with the seat belt fastened. Only seats facing the road or back to the road are authorised during driving, depending on the models. In some lounge configurations, you must remove the cushions and adjust furniture elements.



Unauthorised seats while driving

The seats in the living area marked with the sticker opposite are not authorised when driving.



Installing the 5th driving seat (option)

Bench seat that converts to a driving seat - right side



STEP 1

Convertible bench seat



STEP 2

Remove the bench seat cushions.



STEP 3

Raise the seat section to convert it to a seat back. To put the back down, turn the black knob.



STEP 4

The bench seat becomes the seat back. The seat cushion is an extra item.

Bench seat that converts to a driving seat - left side



STEP 1

Convertible bench seat



STEP 2

Remove the cushion.
And pull out the seat
back from the side



STEP 3

Remove the wooden seat
section.

5. STOPPING AND PARKING



Using gas-powered appliances in garages, enclosed car parks or on ferries is prohibited.

5.1 Choosing a spot

Choosing flat ground will enhance your comfort inside the vehicle. It may be useful to use chocks to level out the vehicle.

5.2 Safety when stationary

- Put the handbrake on
- Deploy the step if you are using the living area
- If you have to leave the vehicle for a while, close the skylights
- Turn off the power supply to the water pump on the control panel.
- Turn off the 12V switch on the control panel to avoid discharging the battery unnecessarily

On some models, depending on the options, remember to deactivate central locking if you leave the vehicle through the living area door while the engine is running; you may not be able to get back into the vehicle if the living area door happens to close.



Depending on the model, the central locking must be deactivated if you leave through the living area door while the engine is running.

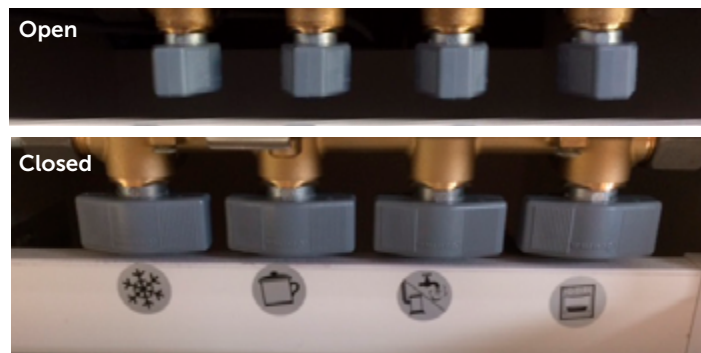
5.3 Supply

5.3.1 Turning on the water

Use the control panel to pressurise the water system. The pump works automatically whenever the tap is open (drawdown). When in use, it automatically supplies the boiler. If the flow is too low, the pump may operate in brief bursts.

5.3.2 Turning on the gas

Open the feed valves on the appliances located in the kitchen or wardrobe. If using the heating system when in motion, the heating system/water heater valve must remain open.



1 • Refrigerator 2 • Stove top 3 • Heating/water heater 4 • Oven (option)

5.3.3 230V electricity



The connection to the mains is done by means of a cable that can be plugged in outside the motorhome to the blue P17 outlet. It is located either on the vehicle's exterior panels or in the service compartment which is accessed through a hatch.

This socket includes a mandatory 'earth' connection. Plug in the mains cable then activate the circuit breaker located next to the power pack, to provide power to the living area. To avoid damaging your charger, ensure that the supply provides 230 V +/- 10 %.

i Connect the motorhome to a 230V outlet as often as possible to prolong the life of the leisure battery.

When not in use for a period of one week to one month, turn the main switch (located at the entrance to the motorhome) to the '0' position. Ensure you also turn off the following equipment:

- Truma or Alde heating
- Refrigerator
- TV and satellite dish finder.

A generator connected to the motorhome's 230 V system must be perfectly calibrated (risk of damage to the internal charger).

5.4 Draining



Motorway car parks, service stations and municipal rest areas often provide terminals for draining wastewater. Do not leave draining to the last moment.

5.4.1 Wastewater



To drain, pull the handle of the drainage valve located behind the side skirt or in the double floor, depending on the vehicle model. The valve area is marked by a pictogram. Wastewater must be drained off in appropriate places and never near housing, rivers, streams or crops. The tanks should be regularly cleaned to prevent bad smells.

5.4.2 Blackwater (toilet)

To empty the cassette toilet, consult the manufacturer's instructions.

5.5 Insulation

In summer, use the insulating panels or screens to prevent the temperature rising in the motorhome.

Airing out your motorhome: While travelling, we recommend airing out your living area and storage area every morning if you are sleeping aboard. Condensation is a normal phenomenon when people sleep in their motorhome. In order to prevent mould in your vehicle, we recommend letting fresh air into your living area and storage area by opening the windows, doors and interior cupboards for a few minutes every morning. This procedure is even more important when the outdoor temperatures are low.

5.6 Locking

When you leave the motorhome, systematically lock all doors and hatches and close all windows, including skylights.

6. USING THE EQUIPMENT

You must be familiar with chapters 2, 3 and 5 before reading this chapter.

6.1 Windows and doors

6.1.1 Window

Sash window

Opening the window

Before every use, ensure the opening is not blocked by anything. Some openings need to be fully opened before closing.



1. Turn the handles up to a vertical position by pressing the central button.
2. Push the window outwards.
3. Adjust the opening of the windows using the knobs on windows fitted with tubular stays, or by selecting the required stop position on windows fitted with automatic stays.

The handle can also be used to set the window in a ventilation position: bring the handle back to a horizontal position so that it lies halfway between the lock mechanism.

Closing the window



1. Push the window as far out as possible.
2. Gently pull the window inwards.
3. Lower the handles into a horizontal position.

Outward-opening sash windows must be closed when the vehicle is in motion.

Sliding window

Depending on the model, your motorhome may be fitted with sliding windows.

Opening the window

1. Press on the handle to unlock it.
2. Slide the window to the desired open position.

Closing the window

1. Bring the window back to a closed position.
2. Make sure that the handle is pushed in.

Combined mosquito/sun screen

The vehicles are fitted with different types of blinds depending on the model.

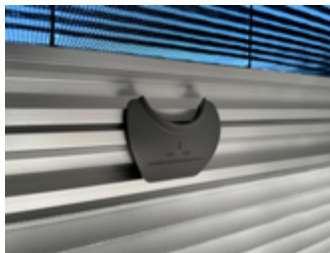
Pleated blinds.



1. Use the groove to lower the mosquito screen.



2. Using the other groove, raise the black-out blind.



3. The lower tab enables you to attach the mosquito screen to the black-out blind.



4. To disconnect them, pull on the tab to release the mosquito screen part from the blackout blind part.

6.1.2 Skylight

Special recommendations

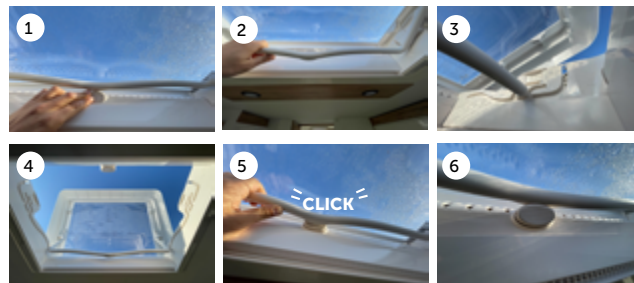
Make sure that there is no snow, ice or dirt on the skylights before opening. Check that the acrylic sunroof has not been damaged by overhead branches or by toxic substances. The skylights must be completely closed and locked before starting up the vehicle. Do not operate it when driving. Consult a specialised workshop in case of defect or malfunction.


Opening

- 1 • Press the button.
- 2 • Pull the bar down.
- 3 • Select the open angle using the side notches.
- 4 • The maximum open angle is 70°.

Closing

- 1 • Push the bar up until you hear a click.
- 2 • The skylight is locked.

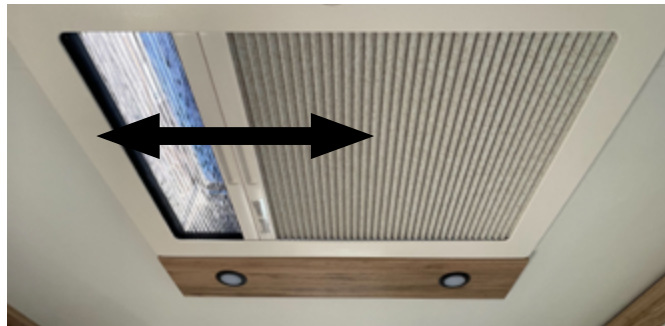



 The sunroof must only be cleaned with alcohol-free substances. Close the skylights in the event of rain or strong winds, and when the vehicle is moving.

 Do not walk on the acrylic pane. Failure to comply with this recommendation will void the warranty.

Combined fly/sun screen

A ratcheting system allows you to combine the two screens to adjust the shade while protecting against mosquitoes and flies.



 In hot weather, never block skylights by more than two thirds to ensure proper ventilation and protect the material from excessive heat.

6.2 Kitchen

6.2.1 Sink

 Never pour boiling water down the sink.

6.2.2 Hood (option)

You should use the hood while cooking to prevent any condensation or misting.

6.2.3 Refrigerator

This is an AES refrigerator. It automatically selects the available power source. When the vehicle is parked, the refrigerator selects 230 V or, failing that, gas. You can force it to operate on the 12 V supply but that will quickly drain the battery. When the vehicle is driving, the refrigerator runs off the 12 V supply. After parking, observe a 15 minute stand down period before using gas.

i **Using the fridge in 12 V forced mode: When using the refrigerator in forced mode, it draws power from the leisure battery. This consumes significant energy, which is why it is not recommended except in exceptional, short-duration cases.**

6.2.4 Gas-powered appliances

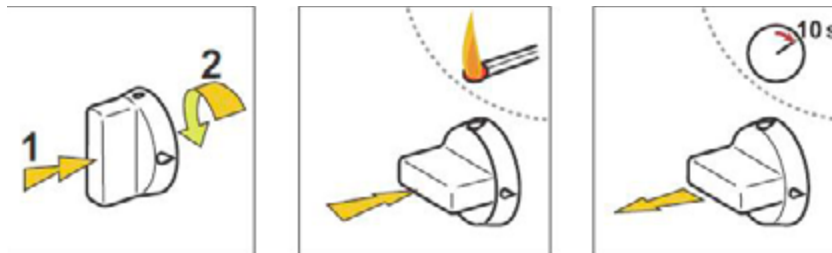
- Carefully read the instructions for gas-powered appliances.
- Never use appliances with an operating pressure that differs from that for which they were intended.
- Never obstruct the waste gas discharges from the various appliances.

Hob

The hob should never be used for heating purposes. Furthermore, the motorhome should be sufficiently ventilated when cooking to avoid the formation of steam and condensation.

Switching on

1. Press the button while turning it slightly to the left.
2. Light with a gas lighter, match or electronic lighter button if available.
3. Hold the button down for 5 to 10 seconds, then release.



i **The gas-powered appliances are equipped with safety mechanisms: the gas is automatically shut off if the flame goes out.**

Oven (option)

See the manufacturer's instructions for operating the oven.

Heating/hot water

General details

Our motorhomes are rated in the no. 3 heating category (according to the European standard EN 1646-1). Constant air renewal and the appropriate amount of heating provide a pleasant atmosphere inside the motorhome in all seasons.

Heat the inside of the vehicle sufficiently, even in your absence, to prevent the water pipes from freezing (especially those for the toilet and wastewater). The inside of the motorhome is airtight so condensation from the kitchen, shower or damp clothing will not evaporate naturally. It is therefore necessary to air thoroughly while heating.

The hot air flow may vary between vents due to their position in the system (less flow in the bedroom than in the lounge).

i Adjust the heating according to the number of people, the parking location, and the internal and external temperatures and humidity levels.

Combined hot water/heating systems available depending on the motorhome models:

Combi Truma



Allows air in and burnt gas out



Controls



*Frost Control
drain valve*



Truma Combi heating system (with optional 230 V system)

Gas-powered and optional electricity (combi EH) or gas/electricity combination heating system diffusing heat throughout the vehicle via hot air vents.

Alde heating

The water heater operates on either gas or electricity, powering convector heaters throughout the vehicle. In theory, the fresh water tank and water pipes will not freeze when the motorhome is occupied and the combined hot water/heating system is being used. However, there is a risk of freezing if exposed to strong winds, extreme cold temperatures (below -5°C) or the external storage compartment door is not properly closed – careful attention must be paid to this.

Safety/drainage valve

Your vehicle is equipped with an automatic safety valve (Frost Control), which opens as soon as there is a risk of freezing in the vehicle. Once automatically activated, it must be manually reset. It is generally located under the refrigerator column drawer for low-profile models, in the left-side bench seat for A-Class models, and in the left side of the double floor via external access for Al-Ko A-Class models.

Start-up

The system must be full to produce hot water. The pump must therefore be activated first on the control panel.

Truma VarioHeat heating (optional with Alde water heater)

Gas-operated additional heating system, installed in addition to the Alde water heater.



Please read the heating system manufacturer's manual before using for the first time.

Refrigerator

Refer to Chapter 3 for information on correctly using the external winter covers.

Warning

When storing food, it is important to be aware of the specific operating conditions of a refrigerator installed inside a vehicle. There are conditions under which the appliance is unable to guarantee the necessary temperature to preserve some highly perishable items, because:

- when travelling, the refrigerator uses the 12 V supply
- when parked, the refrigerator uses the gas, 230 V or 12 V supply
- the vehicle's temperature may vary significantly depending on external weather conditions
- the temperature inside a closed stationary vehicle, exposed to sunlight, may exceed 50°C (122°F)
- you may need to use the refrigerator shortly after it reaches the optimum temperature,

The following are considered as highly perishable foodstuffs: all products with a use-by date combined with a storage temperature equal to or below 4°C, specifically meat, fish, poultry, cooked meats and pre-cooked dishes.

Food safety recommendations

- Pack raw and cooked foods separately using aluminium foil or plastic wrap.
- Only remove the cardboard or plastic outer packaging if the useful instructions (use-by date, storage temperature, cooking instructions, etc.) are marked on the packaging directly in contact with the product.
- Do not leave refrigerated products too long out of the refrigerator.
- Place products whose use-by dates are the closest to expiring in the front.
- Place any leftovers in sealed containers and use them quickly.
- Wash your hands before touching food, between each handling of different products and before sitting down to eat.
- Clean the refrigerator regularly with soapy water. Rinse with a bleach solution.

6.3 Table

6.3.1 Table mounted to vehicle side wall

Eating position

To use the extension:

- pull the black knob downwards
- rotate the extension into the desired position

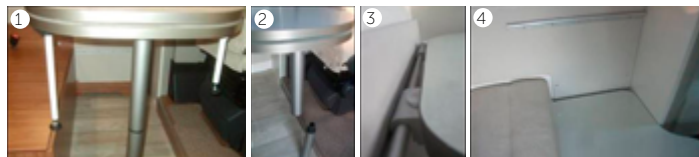


Sleeping position (option)

To convert the table into an additional sleeping area:

1. Add the two legs under the table in the brackets provided
2. Remove the lower section of the central leg
3. Release the locks holding the table edge on the runner
4. Reposition the table onto the lower runner

To return the table to the eating position, repeat the operation in reverse order.



6.3.2 Fixed-leg central table

Eating position

The table can be adjusted in two directions

- lower the lever located under the table
- move the table to the desired position
- pull the lever back up to lock the table in place

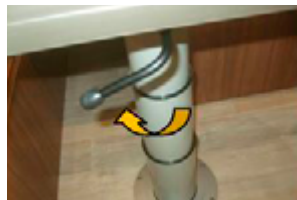


Sleeping position (option)

To put the table in the sleeping position

- pull the lever located under the table
- push downwards on the table until it lowers to the level of the bench
- pull the lever in the opposite direction to lock the table in position

To return the table to the raised position, repeat the operation in reverse order.

**6.3.3 Central table with folding extension****Eating position**

To extend the table:

- pull out the frame as far as it will go
- fold out the table

To ensure the table is stable, it must be in contact with the frame. If it is not, adjust the two adjustment screws located on the frame.

**Sleeping position (option)**

To put the table in the sleeping position:

- pull out the frame as far as it will go
- fold down the 2 extra legs
- pull the lever located under the table
- push downwards on the table until it lowers to the level of the bench
- pull the lever in the opposite direction to lock the table in position

To return the table to the raised position, repeat the operation in reverse order.



6.4 Television


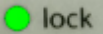

A TV mounting point has been fitted. The adjustable bracket ensures it can be safely mounted. A back-up terminal is provided in order to connect an external demodulator or satellite dish signal finder.

6.4.1 Turning the satellite TV on and off



Follow the on/off instructions in the order given.

1st step for turning on:

- Wake up the finder by pressing the **SEARCH** button. 
- The **Power On** indicator will show a quick red flashing light while searching for a satellite. The dish will rotate on the roof. Once a satellite is found, the finder will beep three times and the green **LOCK**  and red **Power On** indicators will glow steadily. 

Finder




Use the 'SAT' button to change satellites; select a satellite according to your home country. If the satellite dish turns without settling (keep the television turned off), fold the dish back down as described in the second step for turning off, find the cause in the list below and start the steps for turning on from the beginning:

- The motorhome is facing the satellite: move the vehicle by 30°
- The motorhome is under trees: move to a clear spot
- The motorhome is too close to a wall: move at least 5 m away from any walls

2nd step for turning on:

Turn on the television only, by pressing the **POWER** button either:

- On the television itself 
- Or using one of the two remotes






Ensure everything is turned off before starting the motorhome.

1st step for turning off:

Turn the television off by pressing the **POWER** button either:

- On the television itself
- Or using one of the two remotes

2nd step for turning off:

- Fold the satellite dish down by pressing the **CLOSE** button on the finder
- The **Power On** indicator  will show a quick red flashing light and the green **LOCK**  indicator will turn off while the dish is folding down.
- Once the dish is closed, the finder will beep once and the **Power On**  indicator will slowly flash. You can now start your motorhome's engine.



It is important to turn your TV and satellite finder off completely as soon as possible to prevent any residual consumption by these appliances in standby mode.

6.5 GPS and car radio

Factory fitted in-car audio systems are powered by the leisure battery. This means they can be used when at a standstill without discharging the engine battery. To use the car radio, turn on the vehicle ignition using the key, or switch on the auxiliary function on the control panel. The steering wheel controls (option) only operate when the vehicle's engine is running.

The factory-fitted GPS takes into account the size of the motorhome for itinerary calculations. Ensure you enter the correct measurements. An original base vehicle car radio cannot be powered by the leisure battery.



Even when turned off, the car radio is in standby mode and may consume significant power. Switch off the auxiliary mode on your control panel as soon as possible.

6.6 Reversing camera

On low-profile motorhomes

The reversing camera screen is automatically activated when you select reverse gear. You can force the screen to turn on by pressing the camera button on the car radio.

On A-Class motorhomes

The reversing camera screen is automatically activated when you select reverse gear. You can force it to turn on by manually switching the screen on.

Settings:

Press the MENU key to open the screen's settings menu. Each time the MENU key is pressed, a different setting appears on the screen:

- Brightness: adjust the brightness by pressing the buttons < and >.
- Contrast: adjust the contrast with the buttons < and >.
- Saturation (colour): adjust the saturation with the buttons < and >.
- Language: select one of the 11 languages by pressing < and >.
- Source: select one of the two video sources by pressing < and >.
- Grid (off mode): display or hide the reversing guide.
- Exit: press < or > to exit the settings menu.

Turning off:

Switch off the device by pressing the ON/OFF button.

6.7 Bathroom

6.7.1 Shower and washbasin

Never pour boiling water down the washbasin or the shower. When the wastewater tank is too full, the overflow may back up into the shower tray. To avoid this problem, empty the tanks regularly

6.7.2 Toilet

Never pour boiling water down the toilet.

Using the toilet

When using the toilet, turn on the pump then turn on the valve located at the side of the bowl. Following use, activate the flush on the tank then close the valve again.

Emptying the cassette toilet

Empty the cassette toilet as often as necessary. (see Maintenance and winterisation, page 110)

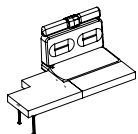
6.8 Beds

Pay attention to the risk of falling, especially for children. The upper bunk beds are not suitable for unattended children under 6 years old. Only use the bunk beds for sleeping purposes. Use the protective net in the vehicle to prevent falls from the upper beds.

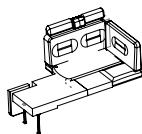
6.8.1 Dinette bed

The table lowers to seat-level to hold the bed inserts.

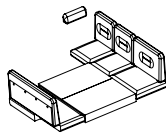
- Push in the telescopic foot or fold the table leg, depending on the model.
- Set the table to the low position on the wedges provided.
- Take out any bedding accessories required.
- Place the cushions on the table



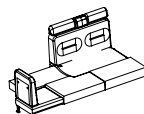
P600P, P650C, P650GJ
(90 x 200 cm)



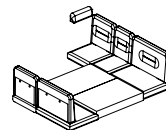
P600P, P650C, P650GJ
Comfort Lounge
(90 x 200 cm)



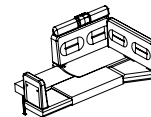
P626D
(125 x 200 cm)



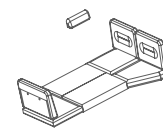
P690GJ
(100 x 200 cm)



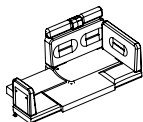
G690D
(125 x 200 cm)



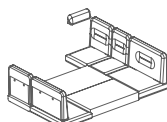
G690GJ
(100 x 200 cm)



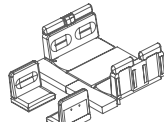
G720FC
(100 x 200 cm)



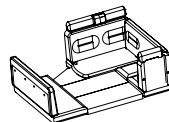
P690GJ Comfort Lounge
(100 x 200 cm)



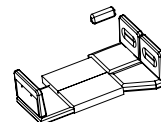
P696D
(125 x 200 cm)



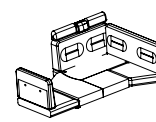
P696S
(140 x 200 cm)



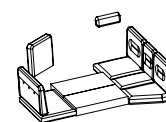
P726P
(140 x 200 cm)



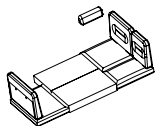
G740FC, G740FGJ, G741FC, G741FGJ
(100 x 200 cm)



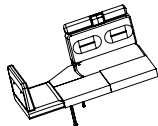
G740C, G740GJ
(100 x 200 cm)



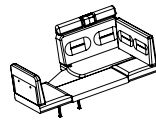
G781FC, G781FGJ
(130 x 200 cm)



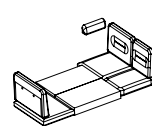
P720FC, P726FC, P720FGJ, P726FGJ
(100 x 200 cm)



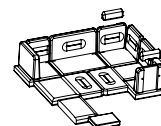
P740C, P746C, P740GJ, P746GJ
(100 x 200 cm)



P740C, P746C, P740GJ, P746GJ Comfort Lounge
(100 x 200 cm)



P740FC, P746FC, P740FGJ, P746FGJ
(110 x 200 cm)



P696U
(140 x 200 cm)

6.8.2 Drop-down bed

Warning of dangers

106

ENGLISH



Maximum distributed permissible load on the bed: 200kg.

- Do not use the bed to store luggage; only leave bedding on the bed.
- Before moving the bed, ensure all articles have been removed from it and that there are no people or obstacles in the way.
- The bed must only be handled by adults when the vehicle is stationary and the engine is not running.
- When moving the bed, keep hands clear of curtains and straps (pinch hazard).
- Beware of the risk of falling when bunkbeds are being used by children, especially those under 6.
- Young children must not be left on the bed unattended. Forbid and prevent them from operating the bed. Ensure they cannot access the control unit. Prevent falls from the bed by using the safety nets.

A-Class motorhomes

Sleeping position

The bed fitted against the ceiling (roof) in day position must be lowered over the cabin seats for the night. Check that the spotlights under the bed are off.

- Close the insulating or isothermal sliding blinds over the windows and the windscreen
- Push the driver and passenger seat backs forwards (towards the front of the vehicle)
- Lift up the sun visors
- Ensure there are no people or objects under the bed.
- Unfasten the retaining strap
- Lower the bed to the night position
- Once the bed has been lowered, install the ladder before climbing onto the bed.



**The bed must only be operated by adults. Check that the manoeuvre zone is clear.
For vehicles fitted with a fold-down seat, this must be folded away so as not to obstruct the living area door**

Raised position

- Stow the ladder
- Ensure there are no people or objects on the bed.
- Raise the bed
- Fasten the retaining strap
- Return driver and passenger seat backs to correct position

Low-profile motorhomes


The pull-down bed's operating system is configured at the factory. The pull-down bed's guidance configuration is not erased if power is cut to it. For the bed to operate correctly, the vehicle must be levelled.

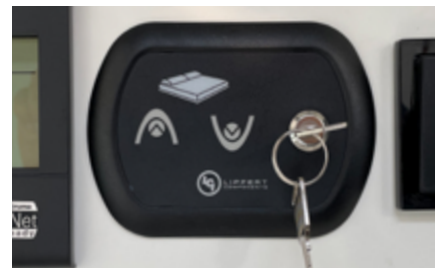
If the pull-down bed ceases to operate electrically, check the battery charge and fuses, and that 'AUX' is selected on the control panel. If the problem persists, contact your dealer. Maximum load for the cupboards under the bed is 5 kg per cupboard to prevent any electrical overload or other system malfunction. The load must be balanced between the cupboards.

Maximum permissible load under the bed: 5 kg each side

For the P626D, P696D and P696U layouts, this load is limited to 5 kg for all underbed storage

Sleeping position

- Tip the bench cushions forward and lower or remove the headrests.
- Turn on the auxiliary mode on the control panel.
- Press the 'lower' button  on the control panel and allow the bed to descend into the lowered position.
- Once the bed has been lowered, set up the ladder before climbing onto the bed.



If there is something under the bed that prevents it from reaching its fully-lowered position, stop lowering it. Raise the bed, remove the obstacle, and lower the bed again until it stops in its fully-lowered position.

If the bed rises when the 'lower' button is pressed, the straps are winding the wrong way around the reels. If this happens, never raise the bed to its highest position as it will get jammed. Simply press the 'raise' button until the straps wind the correct way again. Then check that there are no obstacles under the bed that could have caused this (bench seat cushions, etc.) and that the lower stop is still in place. If there is an obstacle under the bed, do not continue to press the 'lower' button, raise the bed and remove the obstacle.

Raised position

- Ensure there are no people or objects on the bed.
- Stow the ladder.
- Press the 'raise' button on the control panel and allow the bed to lift into the raised position.
- Return the cushions to seat position.

In the event of a malfunction

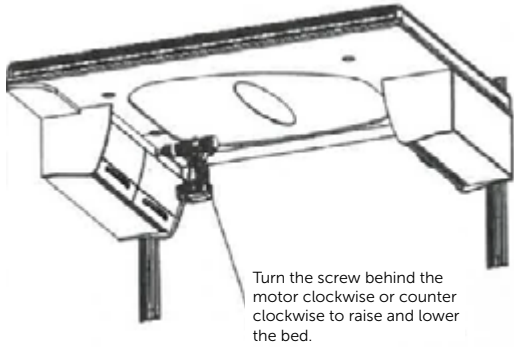
If the bed does not move, check the battery charge and the fuses. If the problem persists, contact your dealer.

Manual operation

Drop-down beds are fitted with a manual operation system for emergency use. The system has a release nut located behind the bed's motor, which can be used to raise and lower the bed when there is a fault. This system is located behind a round cover or a removable panel.

If the problem persists, contact your dealer.

About the P696D model:



- The bed must be in the lowest (800mm) or highest (1140 mm) position in order to keep the emergency exit clear at all times.

This system must only be used in emergency situations when there is an issue with the bed's operation.

7. MAINTENANCE AND WINTERISATION

7.1 Gas systems

Regularly check that the gas intake hoses in the gas cupboard are in good condition. Replace them with an approved model identical to the original, as soon as they wear out, and before the expiry date marked on the hose. Never use extensions on these hoses.



Check the condition of the gas hoses regularly. Follow the instructions in the manufacturer's manual when replacing them.

7.2 Cleaning the interior

7.2.1 Cab

Refer to the manufacturer's user manual.

7.2.2 Cushions, mattresses and curtains

Clean the cushions and mattresses with a soft brush or vacuum cleaner. Cleaning foams for delicate fabrics should be used with caution. On leather or imitation leather, use only soapy water with a cloth or a sponge. We recommend dry cleaning the mattress covers.

We strongly advise against washing your curtains and mattress covers in a washing machine

7.2.3 Window and skylight maintenance

Only use water and a soft cloth to clean windows and skylights. Clean the rubber seals with talc. Clean the blinds with soapy water only. If required, apply a small amount of silicon spray on the blinds' zips to make the zipper move more freely.

Solvents and alcohol-based cleaners will instantly damage the double glazing. Only wash with clear water.

Natural condensation can occur between the window's two panes when there is a significant difference in indoor/outdoor temperature, for instance. To clear this condensation, remove the small clear plugs on the windows for a few minutes to introduce fresh air.

7.2.4 Furniture

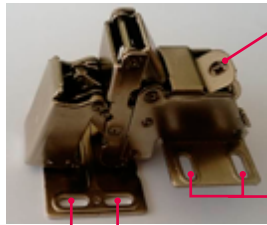
Use a damp cloth or mild cleaning product on furniture.

Metal hinges on furniture doors:

Over time, the cupboard and wardrobe doors may drop. You can adjust the hinges on these items.

- A. Adjusting the contact surface to realign the doors: turn the screw clockwise to reduce the contact, or anti-clockwise to increase the contact.
- B. Depth adjustment: Adjust the depth by turning the off-set screw.
- C. Safety screw (remove before dismantling).
- D. To take off the doors, press the unlock button.

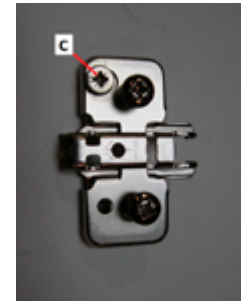
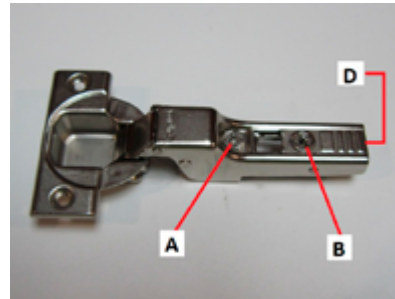
Adjusting high doors:



Open angle adjustment screw

Oblong holes for parallel adjustment with adjacent doors

Oblong hole for height and alignment adjustment with doors



7.2.5 Bathroom equipment

Do not use abrasive products.

7.2.6 Cooking appliances

Follow the manufacturer's instructions.

Refrigerator

Every year, have an approved specialist clean the air vents and ventilation shaft of the refrigerator with compressed air. Clean the inside of the refrigerator according to the manufacturer's instructions. Failure to follow the manufacturer's instructions may void the refrigerator's warranty, result in risks including fire, and lead to higher power consumption.

7.2.7 Boiler

Every year, have an approved specialist clean the air vents and ventilation shaft of the water heater with compressed air.

7.2.8 Control panel

The control panel requires no technical maintenance. To clean the front plate, use a soft, slightly damp cloth and a mild detergent.



Do not use solvents, ethanol or any similar substance. Prevent any liquid from entering the control panel.

7.3 Cleaning the exterior

7.3.1 Washing the bodywork

The bodywork of your motorhome consists of different materials, each requiring specific maintenance in order to guarantee its performance over time. Do not go on the roof as that may deform it.

Note: only use soft sponges and cloths. Never use abrasive pads or detergents. Avoid extensive use of a water blaster as it can damage certain parts of the bodywork (seals, plastic parts and adhesives).

* The outer layer of polyester parts is not a paint but a gel coat, a protective coating consisting of thermosetting products. Its ageing is directly linked to the maintenance and storage conditions of the vehicle (dirt, humidity, exposure to UV radiation or sea air, bird droppings, etc.).

PART	MATERIAL	FREQUENCY	MAINTENANCE
Front on A-Class models Overcab bubble on low-profile models (above the cab chassis)	Polyester	Weekly when driving	Wash with plenty of water
		Annual	Apply a polyester polish to maintain the shine of the bodywork, facilitate water shedding and ensure effective protection (bad weather, UV, yellowing, bleaching, etc.).
Windows	Acrylic	Weekly when driving	Wash with water only
Bodywork	Painted aluminium sheet or polyester		Wash with plenty of water. Use the same products as for a car. We recommend a shampoo available from your dealer.
Bumper Side protection strips Wheel housings Lights	Thermoformed plastic (ABS)	Monthly while camping	

7.3.2 Tar

Only use products available from your dealer to remove tar. Do not use other chemical solutions.

7.3.3 Small scratches

For tiny scratches, you may use a liquid polish. However, this should be used with caution; check that it is not too abrasive by testing it on a small surface, depending on the depth of the scratches.

7.4 Winterisation or long stops

7.4.1 Leisure battery

Using and charging

The leisure battery can be charged by three different power sources: a 25 A booster (when the engine is running), 230 V mains supply (when connected) and solar panels (option; note that this only provides supplementary charge). The control panel shows which power sources are recharging your leisure battery.

When the battery's charge drops to 12.2 V, start the motorhome or connect it to 230 V mains power. Important: do not drop below

that charge as it may damage the battery and reduce its service life.

To save battery power, turn off the motorhome's power supply using the master switch and turn off these appliances: heating, refrigerator, TV and satellite dish finder.

Not in use for up to 15 days:

- Turn off the main 12V switch located in the entrance.
- Turn off all appliances.
- Disconnect the battery terminals



Batteries are dangerous items. While handling the battery, do not smoke or create sparks. Electrolyte is a corrosive product. In the event of contact, rinse yourself thoroughly with fresh water.

Winterisation:

Do not leave a battery discharged for a long period of time as this may cause deep discharge and void the warranty. To avoid this, the battery's charge must never drop below 12.2 V.

Before winterisation or if not in use for more than 15 days, fully charge the battery. It is recommended to remove and store the battery in a cool, dry place (around 15-20°C) and to fully recharge it at least every month.

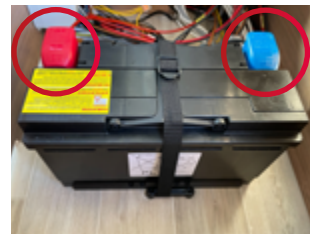
Maintenance:

Battery life will depend on how it is used and maintained. Ensure that terminals are clean and greased to avoid sulphation. Also ensure that the terminals are properly tightened.

Batteries, if left inactive, are subject to self-discharge losses. A high ambient temperature accelerates the self-discharge process. When stored at a temperature of 20 °C, the loss of capacity may reach 6% per month.



Batteries contain substances that damage the environment. Used batteries must be disposed of in an environmentally-friendly manner and in accordance with the applicable regulations.



7.4.2 Water

An unoccupied, unheated motorhome must be protected against mould and bacteria while wintering. Follow the rules below to properly drain the entire fresh water system.

Draining fresh water and wastewater systems

- Empty the wastewater tank by activating the drainage valve. For vehicles with a double floor only, first open the drain plug located at the bottom of the tank.
- Empty the fresh water tank through the inspection plug located, depending on the model, under the cushions of the front bench seat or under the inspection flap located in the floor at the rear of the vehicle. Open the drainage plug located at the bottom of the tank.
- Leave mixer taps open in a central position and place shower nozzle on the bottom of the shower tray.
- Unscrew and clean the fresh water and wastewater tank sensor rods regularly to prevent any incorrect information showing on the control panel.



Cleaning inside the tanks. The presence of even a small amount of stagnant water encourages bad smells and algae.

Draining the water heater

- To empty the boiler, turn the drainage valve (frost control) 180°. The press button releases and the water in the water heater can flow.
- Turn the pump on (on the control panel) to drain the water from all the pipes. Drainage is complete when no water flows from the water-heater valve.

The pump may carry on working for several minutes without damage, even when empty.

7.4.3 Gas

Close the feed valves at the manifold located in the kitchen or wardrobe. Close the cylinder.

7.4.4 Turning off the refrigerator

To turn the refrigerator off for an unspecified time, close the onboard stop valve as well as the valve on the bottles in the gas cupboard. Prop the door ajar, then install the winter covers on the air vents (option).

7.4.5 Ventillation system

When wintering, ensure the motorhome is regularly aired with fresh air (storage area and living area). Regularly open the garage and living area doors and windows. Inside, open all cupboards, drawers and wardrobes to allow good ventilation throughout the vehicle and prevent mould and condensation. We recommend slightly opening the skylights. And leaving a space between the bed and the vehicle's ceiling. Do not leave blinds closed as this may cause premature wear on the finish.

Cushions, mattresses and curtains

Lower drop-down beds (according to model) to prevent condensation and mildew on mattresses. The pleated insulating curtains (option) located in the cab section must be closed to prevent mould.

7.4.6 Living area carpet (option)

Remove carpets in your living area in order to prevent any damage to your linoleum flooring.

7.4.7 Repairs

You will find a list of licensed dealers in France and abroad on our website. Never carry out or allow modifications to electrical or LPG systems and appliances, unless performed by approved technicians.



For safety reasons, the spare parts must comply with the manufacturer's specifications and be installed by them or their authorised representative