

## Introduction

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*Dear Customer.*

*Thank you for having chosen a TRIGANO motorhome.*

*To ensure that this purchase gives you maximum satisfaction, we advise that you observe all the instructions and warnings contained in this manual.*

*It is essential to read the manual carefully and always keep it inside your motorhome. It contains information on the use and maintenance of your vehicle, as well as important indications for the safety of the motorhome, its passengers and the environment.*

*The instructions contained in the various sections of this manual also refer to components and optional features which can be installed in your van.*

*It is important to use the manual and consult it to ensure the correct use and adequate maintenance of the vehicle.*

*TRIGANO does not accept responsibility for damages and/or malfunctions arising from failure to observe the instructions provided in the manual, which has been carefully designed to guarantee satisfactory and safe use. The information, illustrations, etc. on the pages to follow are based on information available at the time of printing and are provided for illustrative purposes.*

*TRIGANO reserves the right to make modifications without notice to vehicles as it deems appropriate.*

### Carefully read the instructions for use of your motorhome before driving it for the first time

The symbols shown below are used in this manual with the meanings as indicated below. Make sure that you pay particular attention to sections marked with these symbols.



**ATTENTION**

FAILURE TO OBSERVE THIS SYMBOL MAY ENDANGER PEOPLE



**CAUTION**

FAILURE TO OBSERVE THIS SYMBOL MAY DAMAGE THE VEHICLE OR THE VEHICLE INTERIOR



**TIPS**

THIS SYMBOL INDICATES TIPS AND ADVICE

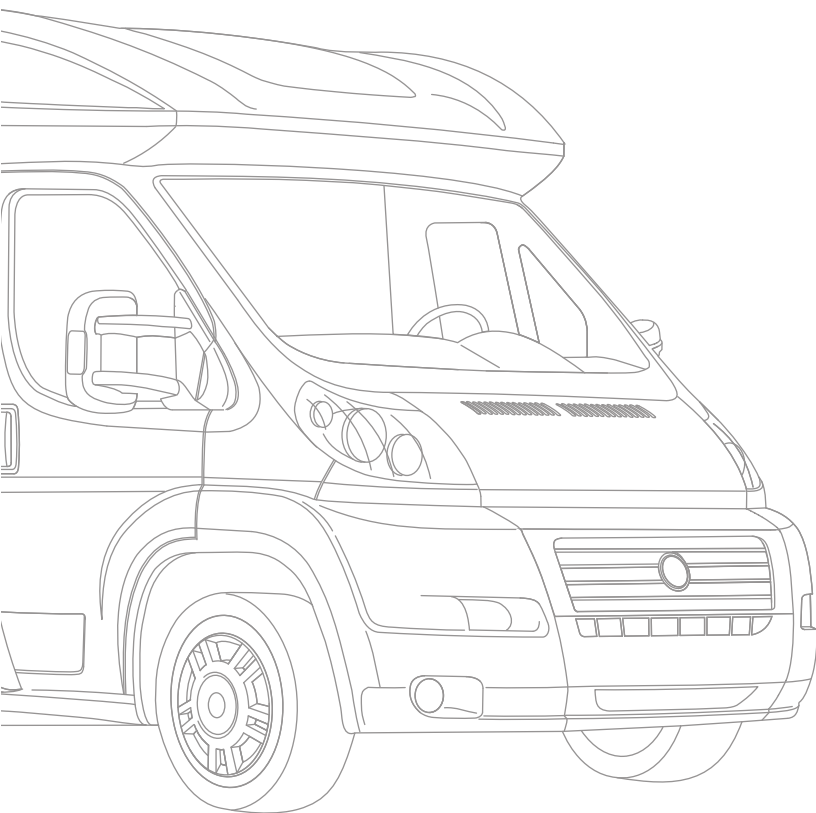


**ENVIRONMENT**

THIS SYMBOL INDICATES ENVIRONMENTALLY FRIENDLY ASPECTS

# *Introduction*

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*Introduction*

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## *Introduction*

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# Introduction

## VEHICLE IDENTIFICATION DATA

### CHASSIS NO.

- Consult the manufacturer's User and Maintenance manual provided with the motorhome for the location of the chassis identification number plate.
- The chassis number is indicated on the vehicle registration certificate.

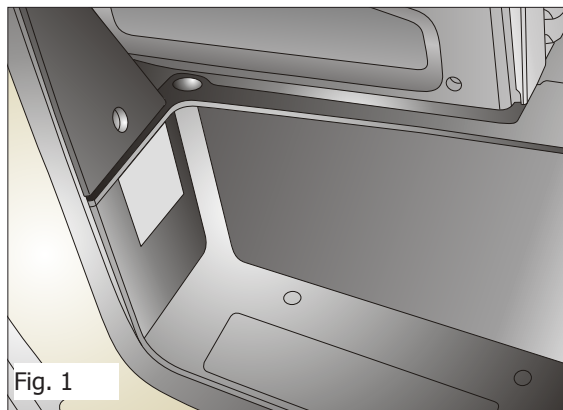


Fig. 1

### MOTORHOME IDENTIFICATION NUMBER

The identification data of the motorhome are indicated on the TRIGANO information plate located on the outer side of the passenger seat (Fig.1). As the owner of the motorhome, you need to consult this information whenever you communicate with TRIGANO.

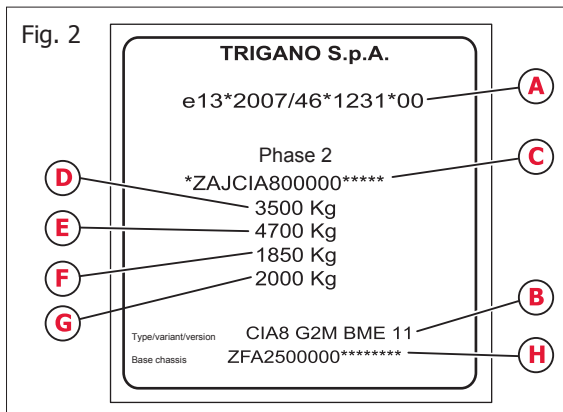


Fig. 2

The following vehicle identification details are located on the plate (Fig.2).

- A** Homologation number
- B** Model number
- C** Serial number of the motorhome
- D** Maximum permitted weight of vehicle at full load
- E** Maximum permitted weight of vehicle at full load with trailer
- F** Maximum weight permitted on front axle
- G** Maximum weight permitted on rear axle
- H** Chassis number

### VEHICLE MASS DESCRIPTION:

**TECHNICALLY PERMISSIBLE MAXIMUM MASS:** Maximum weight of the vehicle at full load authorised by the manufacturer (see page 7, item D). This weight must never be exceeded.

**EMPTY MASS:** Weight of the BASIC vehicle without liquids or driver.

**MASS IN RUNNING ORDER:** This is the weight of the BASIC empty vehicle with driver (75 kg), fuel tank 100% full, white water tank 90% full (filled with 20 litres while travelling), one gas cylinder for living purposes (15 kg). This is calculated according to Directive 2007/46/EC, which allows a tolerance of +/- 5%.

**PAYLOAD:** This is determined by the difference between the technically permissible maximum mass and the mass in running order. It is the maximum weight that can be used for: living purposes, transported passengers as defined by the manufacturer (minus the driver who is included in the mass in running order) and their personal belongings.



#### CAUTION

The weight of non-standard accessories is not included in the kerb weight. Everything not included in the BASIC vehicle version, living pod and chassis, increases the mass in running order and consequently reduces the payload by an amount equivalent to their weight.



#### CAUTION

Ensure that you have correctly calculated the weight of the items which you intend to transport in the motorhome. For example:

- Strollers, optional equipment, living necessities in the motorhome.
- Personal effects, clothing, supplies, pets.
- Bicycles, sailboards, sports equipment, etc.

# Introduction

**TRIGANO**

Loc. Cusona - 53037 San Gimignano (SI)  
Cod. Fis. e Part. IVA 12636260155 01010530523 - Num. Intrac. IT01010530523  
Tel. 0577/6501 - Fax. 0577/650200  
S. Gimignano (SI) Loc. Cusona,1

## General data

Chassis No.: 2432906  
Serial No.: C14T-LSGIAG0EDM (model 2013/2014 season)  
Designation: ZEFIRO GARAGE TL ITA 2.3 130CV 35/3PREMIUM  
TRAVEL PPBS  
Production line: BLUE

## Homologation data

Vehicle weight  
(excl. driver and liquids)  
Liquids (90% fuel, water, gas):  
Passenger weight  
(No. homologated seats 4 x 75kg)  
(No. homologated seats 5 x 75kg)  
Useful load (\*)  
Max. permitted weight:

2860 Kg  
134 Kg  
300 Kg  
206 Kg  
3500 Kg

## Permitted weights

Unladen weight declared in homologation  
(excl. driver, INCL. liquids on board):  
Tolerance acc. to European Directive  
2007/46/CE (5% unladen weight declared):  
Liquids (90% fuel, water, gas):  
Limit weight:

2994 Kg  
149,7 Kg  
-134 Kg  
3009,7 Kg

## Vehicle weight

Actual unladen weight  
(excl. driver and liquids on board):

2690 Kg

(\*) Minimum useful load equal to at least 10kg per seat

## WEIGHT TEST

Inspector

CQ1

Performed on

11/07/2013

## GENERAL NOTES

The motorhome is built according to technical standards and safety regulations. Failure to observe the safety instructions provided in the User and Maintenance Manual may result in injury to the occupants of the motorhome or damage to the vehicle itself.

- Use the motorhome only if it is in perfect technical conditions.
- Periodical and accurate vehicle maintenance will contribute to keeping it efficient. The Trigano workshop network is at your service for advice.
- Have the vehicle inspected periodically and repaired in a workshop authorised by TRIGANO to protect the safety of occupants and of the motorhome itself.
- Any modifications to the motorhome must be approved in writing by TRIGANO in advance.
- The motorhome is designed to transport people. Load accessories and luggage in the motorhome only up to the permitted maximum load.



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## *Safety regulations*

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# Safety regulations

## FIRE PROTECTION

### HOW TO AVOID FIRE HAZARDS



#### ATTENTION

- Do not leave children unattended in the motorhome.
- Do not leave flammable materials near the stove burners or heater.
- Never use portable stoves or heaters inside the motorhome.



#### ATTENTION

- Do not place objects made of flammable material in contact with light fixtures or heat sources.
- Always consult workshops authorised by TRIGANO for modifications or repairs to the gas and electrical systems.



#### ATTENTION

- An ISO 7165 compliant, 1 kg dry powder fire extinguisher must be installed in the motorhome in the proximity of the door and a fire blanket must be available near the burners.
- Respect the deadlines: inspections must be performed by an expert.



#### ATTENTION

- Evacuate all occupants.
- Close the main shut-off valve of the gas.
- Disconnect the electrical power supply.
- Notify the fire department.
- Attempt to extinguish the fire on condition that your own safety is not compromised.



#### ATTENTION

NEVER allow changes to the electric or LPG system and appliances unless performed by qualified personnel. Pay attention to appliances and additional devices installed according to the instructions provided by the manufacturer of the appliance or device (e.g. air conditioning, satellite dish, bicycle rack, fuel cell).

### GENERAL INFORMATION

- Ensure that natural ventilation is guaranteed inside the vehicle for the sake of your own safety. Do not obstruct air inlets, ventilators or skylights. The passage of air from these components does not signal a fault.
- All the information and photographs shown in this manual are merely indicative and do not constitute contractual specifications.
- Trigano S.p.A. reserves the right to make technical and configuration changes to its vehicles and the equipment installed, as it deems appropriate at any time and without official notification.
- Based on the above, all the information concerning the specifications and equipment of every motorhome must be requested before purchase from the dealer, who, acting as sole point of reference, will confirm or rectify the data published herein, updating the customer on the actual features and equipment of the vehicle he/she is interested in and for which negotiations are being conducted.
- Trigano S.p.A. declines any liability concerning changes, including additions and/or conversions made after the printing of this document and/or delivery of the vehicle.
- The additional weight of each optional item proportionally increases the net weight of the vehicle, reducing the useful load possible. In any event, it is advisable to refrain from exceeding the maximum total weight specified by the manufacturer for the sake of your safety.



### CAUTION

Refer to the base vehicle manual for matters related to the chassis and to travelling on the road.

### IN THE EVENT OF FIRE

#### EMERGENCY EXITS

Ensure that you know the location of the safety exits and how they work. Leave evacuation areas free.



### ATTENTION

- Oxygen is consumed when using the stove burners or other equipment. Leave a window or, if possible, the skylights, slightly open when using the burners to guarantee continuous air circulation inside the motorhome. Do not obstruct the forced ventilation grilles, even during the winter months. Keep the forced ventilation grilles free of snow and leaves.
- The electrical cabling and gas piping are installed in the floor, roof and side of the motorhome. Do not make holes which may cause an explosion or short circuit the electrical system.
- Carefully read the User and Maintenance manuals of all the equipment installed in your motorhome.
- When the motorhome is stationary in any situation, engage first gear and the hand brake.
- Always close external panels, doors and windows when leaving your motorhome.
- Do not place objects made of flammable materials in contact with light fixtures or heat sources.

## Safety regulations

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### ROAD SAFETY



#### ATTENTION

- Before starting on any journey, check the brake and light systems of your motorhome.
- If your model motorhome has a pull-down bed, check that it is secured before leaving.
- After long periods of inactivity, have the gas system checked by a workshop authorised by TRIGANO.
- Before setting off, ensure that the swivelling seats are locked.
- Check that the television bracket is locked before leaving.
- All occupants of the motorhome must remain seated while travelling. Secure the child seats with the three-point safety belts.
- Distribute the load uniformly before leaving.
- Before starting your journey, close all the doors, windows and panels. Engage the safety lock on drawers (where present).
- Lock all external panels before leaving.
- It is advisable to check tyre conditions after the first 1000 km and regularly afterwards.

### TRAILER



#### ATTENTION

Take care not to remain between the trailer and motorhome when the trailer is being hooked and unhooked.

### **GAS SYSTEM**

#### **ATTENTION**

- Before starting any journey close the taps and the main valve of the gas cylinders.
- Always consult a workshop authorised by TRIGANO for repairs or maintenance checks.
- Check the gas pressure regulator and gas tubes. Replace the gas regulator every ten years and regularly check the gas tube at the connection with the cylinder. The gas tube should not have any defects and must be replaced on the due date indicated by a workshop authorised by TRIGANO.
- Before turning the gas burners on, open a window or the skylight.
- Do not use the gas burners as a heater.
- Do not obstruct the air vent of the gas cylinder locker located outside the motorhome.
- Do not use the gas cylinder locker as a storage area.
- The main shut-off valve of the gas cylinder must be easily accessible.

### **GAS CYLINDERS**

#### **ATTENTION**

- Transfer the gas cylinders into the cylinder storage locker.
- Secure the gas cylinders vertically using the fastenings provided.
- When the gas cylinders are not connected to the gas tube, ensure that they are closed with the protective cap.
- Before removing the gas tube or regulator, close the main shut-off valve.
- Use suitable gas regulators capable of tolerating the high stresses they may be subjected to on board the motorhome.
- Only use gas cylinders with a non-return valve.
- The main shut-off valve of the gas cylinder must be easily accessible.

## Safety regulations



### ATTENTION

- Any work on the electrical system must be performed by a workshop authorised by TRIGANO.
- Before performing any intervention on the electrical system, disconnect the batteries and the mains power supply cable.
- Replace faulty fuses with fuses of equal capacity and colour. Do not attempt to repair fuses.



### ATTENTION

- It is good practice to empty the water system and leave the water taps open during the winter months. Leave the safety discharge valve and all discharge taps open. This avoids damage through freezing of the water system.
- Water left inside the clean water tank is no longer drinkable even after a relatively short period. It is advisable to flush the piping and water tank with potable water before each use of your motorhome. You should therefore always empty the water tank.



### ATTENTION

Propane and butane are stored in cylinders as pressurised liquids. The liquid boils and turns into gas when the pressure is released, i.e. when the cylinder valve is opened. Both gases are heavier than air and any leakage would tend to stabilise on the bottom. Furthermore, they have a strong, unpleasant odour making it possible to easily identify leakages. The gas is highly flammable and a small amount in air may form an explosive mixture. The cylinders must be used and kept in vertical position at all times, with the valve facing upwards.



### ATTENTION

If the fume exhaust pipes are under the floor, make sure that at least three sides of the part under the floor are clear of obstacles (snow or large objects). Making additional openings in the floor is forbidden.



### **ATTENTION**

To avoid accidents, carefully read the following fundamental advice before using gas appliances or changing the gas cylinders:

- Always read and follow the instructions for use and maintenance provided by the gas appliance manufacturers. If soot is observed on pans, burners etc. or if any odour is noted, consult a skilled installer for correct maintenance and adjustment of the burners.
- Never check gas leakages using a naked flame.
- Always close the main valve of the cylinders when the gas system is not in use.
- Do not use gas appliances without adequate ventilation. All gas appliances require plenty of fresh air for correct operation. They must not be obstructed by fixed fans or air vents. If possible, switch off all the electrical appliances and the gas system before going to sleep.
- Make sure that the gas line is blocked if an appliance is disconnected for repairs, maintenance etc.
- Call a skilled installer if the valves are stiff or if you suspect they are leaking. The LPG valves require a special grease.
- Always ask for advice when in doubt.

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*Before starting  
your journey*

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## *Before starting your journey*

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### **CHECKS BEFORE YOU SET OFF**

#### **ENGINE CHECK**

Check the level of all the liquids specified in the User and Maintenance manual of the vehicle.

#### **BRAKE CHECK**

Check the level of the brake fluid, following the instructions appearing in the User and Maintenance manual of the vehicle manufacturer.

#### **TYRE CHECK**

Before setting off, check the tyre pressure (this is shown in the User and Maintenance manual of the vehicle; use the pressure values given for a full load). A tyre pressure check is particularly important if the vehicle is at full load because an insufficient pressure can cause the tyres to burst and the driver to lose control of the motorhome.

It is advisable to check tyre conditions after the first 1000 km and regularly afterwards.

#### **LIGHTS CHECK**

Check that all exterior lights work properly.

#### **BATTERY CHECK**

Check that the engine and auxiliary batteries are charged. If the control panel indicates insufficient voltage, recharge the batteries fully before setting off.

#### **INSTALLED EQUIPMENT CHECK**

Check that the fridge, heating, boiler and electrical system are functioning properly after each period of inactivity.

#### **GAS SYSTEM CHECK**

- Cylinders must be secured vertically in the locker provided.
- Close the gas valves.
- Close the red taps on the gas distribution unit located inside the kitchen cupboard.

### **EXTERNAL CHECKS**

- Storage compartments should be locked.
- Ensure that you have rolled up the external awning, if present.
- Before setting off, close the skylight dome and open the flyscreens and shades.
- To create shade when the skylight dome is closed on sunny days, do not close the shades completely. Rather leave the flyscreen open by a third and the shades by the remaining two thirds. This will prevent the heat becoming trapped between the dome and the shades, causing damage to the dome and frame.
- Check that any items on the luggage rack are secured.
- Check that no items are under the vehicle causing an obstruction to its movement.
- Ensure that you have retracted the TV aerial, if present.
- Disconnect the external 230V power supply cable.

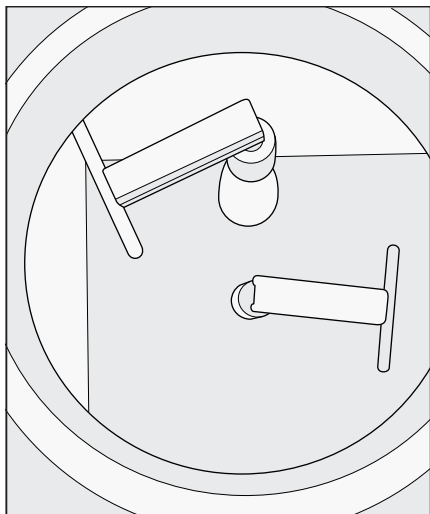
### **INTERNAL CHECKS**

- The entrance door must be locked.
- Close the bathroom and cupboard doors; secure the kitchen drawers with the locking wheel provided.
- Ensure that you close and secure windows and the skylight.
- Secure the fold-up bed properly and fasten it with the straps provided.
- Empty storage compartments without doors.
- Make sure that you are ready for any emergency by having on board a first aid kit, toolbox, emergency triangle, vest and fire extinguisher.
- If the vehicle has a double dinette 6-seat extension, it must be returned to the 4-seat configuration.
- Switch the fridge to a 12V power supply (if it does not have electronic controls).
- To create shade when the skylight dome is closed on sunny days, do not close the shades completely. Rather leave the flyscreen open by a third and the shades by the remaining two thirds. This will prevent the heat becoming trapped between the dome and the shades, causing damage to the dome and frame.
- Turn the seats in the driver's cab and ensure that they are locked.
- All heavy or large objects (e.g. TV sets, radios etc.) must be arranged in the specific housings and firmly secured.

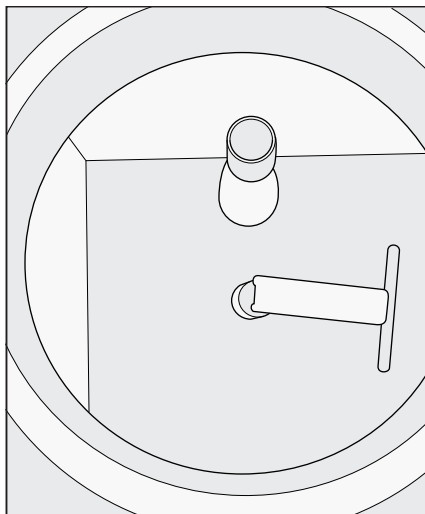
## *Before starting your journey*

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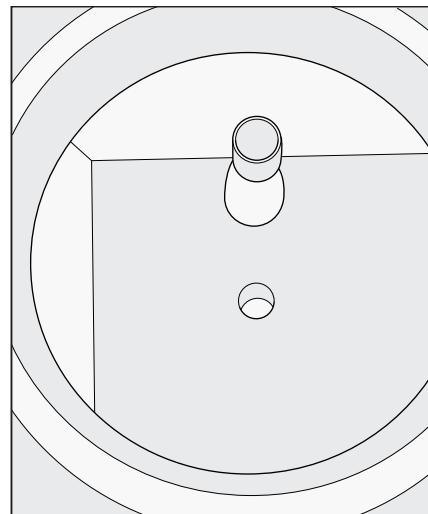
There must be no more than 20 litres in the white water tank while travelling. The tank must be emptied before starting off. There are two drain systems in the tank, one positioned at a higher lever to empty the tank leaving approximately 20 litres of water in the tank, which is the maximum permitted capacity while travelling. The second drain is positioned on the bottom of the tank and can be used to drain it completely.



Situation while parking  
(maximum capacity)



Situation while travelling  
(certified capacity)



Empty tank

### **HOW TO LOAD THE MOTORHOME CORRECTLY**

- **TECHNICALLY PERMISSIBLE MAXIMUM MASS:** Maximum weight of the vehicle at full load authorised by the manufacturer
- **MASS IN RUNNING ORDER:** This is the weight of the BASIC empty vehicle with driver (75 kg), fuel tank 100% full, white water tank 90% full (filled with 20 litres while travelling), one gas cylinder for living purposes (15 kg). This is calculated according to Directive 2007/46/EC, which allows a tolerance of +/- 5%.
- **PAYLOAD:** This is determined by the difference between the technically permissible total mass and the mass in running order.
- **TOTAL VEHICLE MASS:** Mass in running order added to the payload.
- The **TOTAL VEHICLE MASS** must never exceed the **TECHNICALLY PERMISSIBLE MAXIMUM MASS**
- Check the correct filling of the white water tank and the amount of LPG gas on-board to comply with the **TOTAL VEHICLE MASS**.



#### **ATTENTION**

- Distribute the load throughout the motorhome uniformly on the left and right-hand sides.
- Secure heavy objects well so that they cannot slide, stowing them in the side or rear lockers.
- Stow lighter objects in the wall units.
- If your motorhome has a bike rack, use it only to transport bicycles.



#### **ATTENTION**

Make sure that the weight of all the objects you intend to transport in the motorhome is within capacity.  
For example: Passengers, optional equipment, essential equipment and personal effects, such as clothing, food, pets, bicycles, surfboards, sports equipment etc.

## Before starting your journey

### LOADING THE ROOF



#### ATTENTION

A wet or frozen roof can be very dangerous.

- If your motorhome has a roof carrier, distribute the objects uniformly (maximum permitted weight is 75 kg), tie the load down well and do not use elastic belts.
- Check the maximum height of the vehicle once you have packed the roof carrier.

TYPES	MAXIMUM CAPACITY
ROOF RACK	40 kg
GARAGE LOCKER	100 kg (SEE LABEL)
OVERCAB	200 kg (100 kg per bed)
BOX	6 kg
WALL UNIT	4 kg
GARAGE BED	200 kg (100 kg per bed)
PULL-DOWN BED	250 kg
BUNK BED	100 kg

### REAR LOCKER AND REAR GARAGE

When loading the rear “locker” or rear “garage”, observe the loads specified and the homologated weight. Distribute the load evenly. The weight of the items placed in these storage areas reduces the total useful load of the vehicle. Do not store excessive weights which may damage the floor covering.



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*While Travelling*

4

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## While Travelling

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### DRIVING YOUR MOTORHOME



#### ATTENTION

- The basis for your motorhome is a commercial vehicle, therefore, take care to adapt your driving.
- Never release your safety belts while travelling.
- It is important never to leave your seat during the course of your journey.
- Avoid abrupt braking.



#### ATTENTION

- It is compulsory for passengers to remain in the homologated seats and wear safety belts in both forward and backward facing seats. The total number of homologated seats is indicated on the vehicle registration certificate and each seat is identified with a label.
- It is expressly prohibited to move within the vehicle, or use equipment, beds, toilet or lockers during travel.
- The equipment and facilities present in the motorhome have been designed to be used only when the vehicle is stationary. The use of such equipment and facilities during travel contravenes the road code and presents risks of which the user should be aware. TRIGANO does not accept responsibility for accidents occurring during travel.
- To increase the payload, the clean water tank must contain 20 litres while travelling.

### TRAVELLING SPEED



#### ATTENTION

When you are driving your motorhome, there are a few things to take into consideration with regard to the weight and load differences compared with a motorcar. In particular:

- Expect longer braking times than with a motorcar.
- Be aware of the vehicle's dimensions, especially the rear part, when taking a curve.
- Allow for a reasonably long time when overtaking.
- Be particularly careful when parking and reversing.
- Pay special attention to wind conditions, particularly at the exit from tunnels.
- Take special care when negotiating underpasses and sections with height restrictions.



#### CAUTION

When travelling, remove the shower head from its support and store it in one of the holders present in the shower cubicle.



#### ATTENTION

- The wide side surface of the motorhome makes the vehicle vulnerable to sides winds. Be careful when exiting tunnels.
- If the load inside the motorhome is not distributed evenly, driving orientation may be negatively affected.
- Adapt your driving style to the road and avoid sudden lane changes.

## *While Travelling*

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### **SAFETY BELTS**



- The seats inside your motorhome are fitted with three-point safety belts or lap belts.
- Before setting off, occupants must put their safety belts on and keep them secured throughout the journey.
- Do not damage the safety belts. If the belts are damaged, have them repaired by a workshop approved by TRIGANO.
- Do not modify the fastenings of the safety belts.
- Periodically check that the screws of the safety belts are tight.
- Use only one safety belt per person.
- Do not secure any other objects together with the person with the safety belt.
- Safety belts are not suitable for passengers less than 150 cm tall. In this case, use the additional certified restraining devices.
- Place child seats only on seats fitted with three-point safety belts.
- Do not recline the backrest of the seat too far back while travelling. The effectiveness of safety belts may be compromised.

### DRIVER AND PASSENGER SEATS

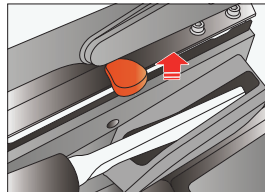
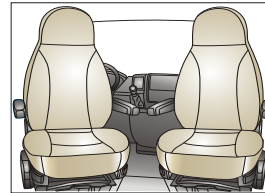
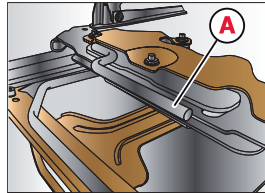
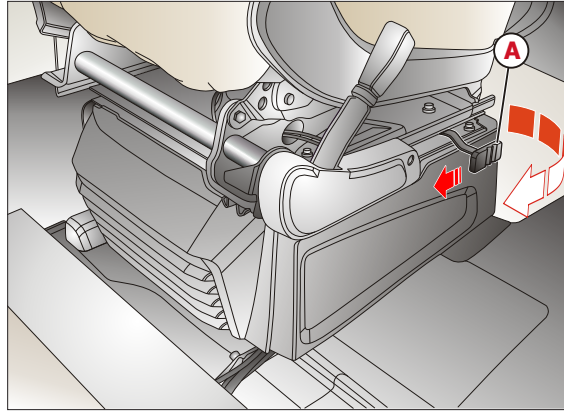
#### **ATTENTION**

- Before starting your journey turn the swivelling seats and lock them facing forwards.
- All seats must be locked facing forwards during the journey; it is essential that they are not rotated.

#### SEAT ORIENTATION

- Raise both armrests.
- Push the driver or passenger seat back or to the central position.
- Push lever **A** downwards.
- Rotate the seat towards the front and lock it into place.

You can rotate the seat in any direction. You can only lock the seat in a position facing forwards.



On some models, pull the lever upwards to turn the driver and passenger seats.

#### **CAUTION**

Before turning the seats (driver and passenger), make sure that the safety belts are secured in their original positions to avoid damaging them.

#### **CAUTION**

The adjustment of driver and passenger seats is described in detail in the User and Maintenance Manual of the vehicle.

#### **CAUTION**

Keep the handbrake lowered before rotating the driver seat.

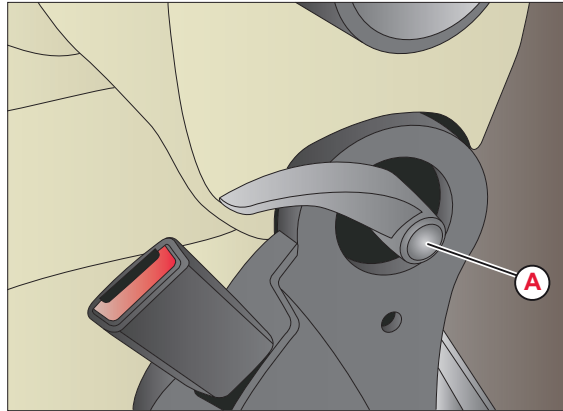
## While Travelling

### FRONT SEAT ADJUSTMENT

#### BACKREST ANGLE ADJUSTMENT

Control **A** for adjusting is positioned on both sides of the lower part of the backrest.

To carry out the adjustment, whilst remaining seated, lift lever **A** upwards and place the backrest in the desired position, then release the knob.

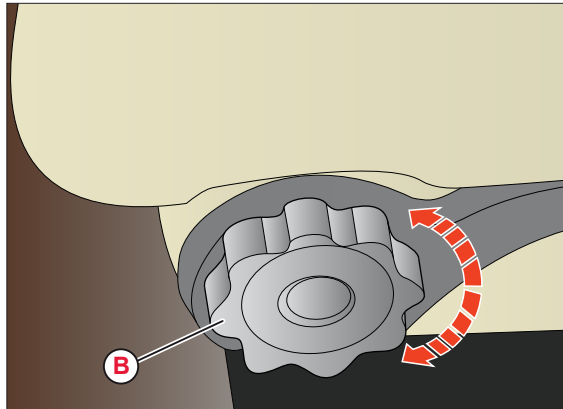


### ATTENTION

All adjustments must be made with the vehicle stationary.

#### CUSHION ANGLE ADJUSTMENT

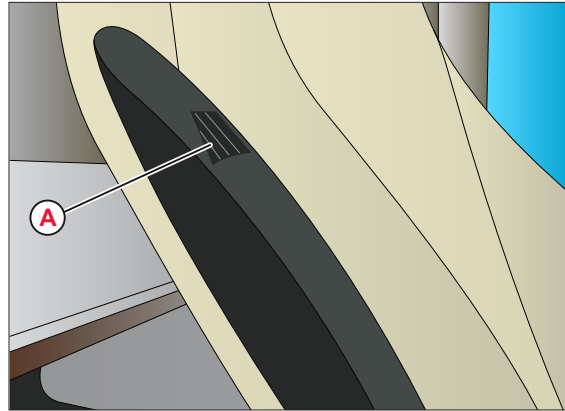
Control **B** for adjusting is on the inner side of the seat cushion. To adjust the position, turn the knob **B** either clockwise or anticlockwise.



### FRONT SEAT ADJUSTMENT

#### ARMREST POSITION ADJUSTMENT

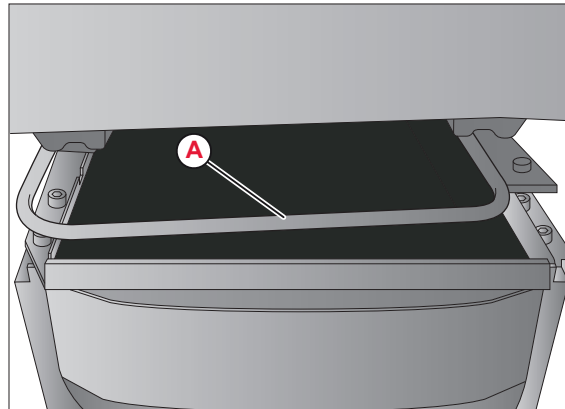
Turn knob **A** to reach the required position.



#### SEAT ANGLE ADJUSTMENT

Lever **A** for adjusting the longitudinal position of the seat is located under the cushion.

Lift the lever to move the seat and release it when the required position is reached.



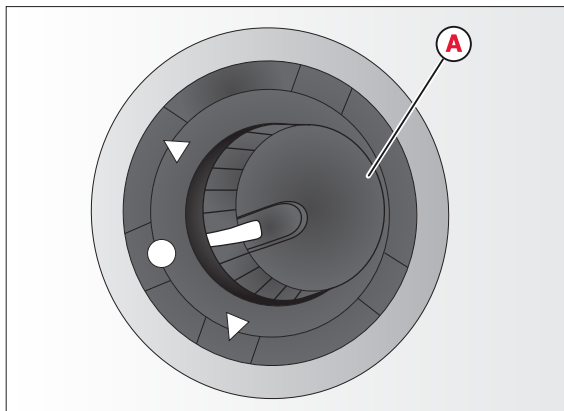
## *While Travelling*

---

### **REAR VIEW MIRRORS**

#### **ELECTRIC EXTERIOR REAR VIEW MIRRORS**

The electrical adjustment can only be carried out with the ignition key in the MAR position. To adjust the mirror, position knob **A** in one of the two positions.



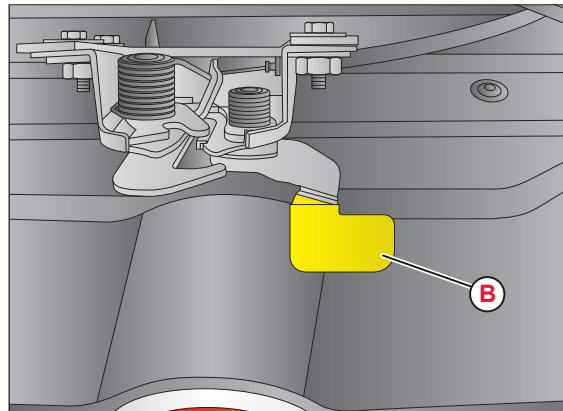
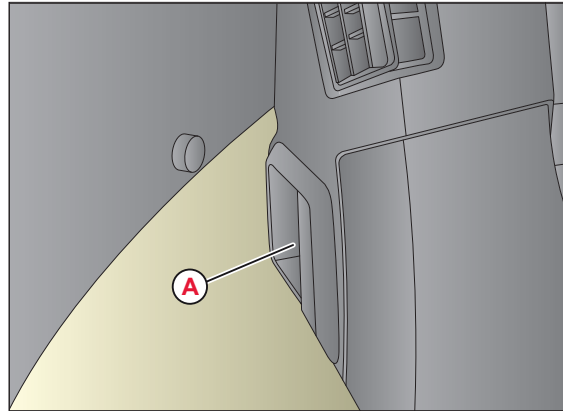
### MOTORHOME BONNET

#### OPENING

- Turn lever **A** on the left of the steering column.
- Lift the front of the bonnet by pulling lever **B** towards yourself.

#### CLOSING

- Lower the bonnet to approximately 20 centimetres from the engine compartment and let it drop. Make sure that the bonnet is completely closed and not only fastened by the safety catch by trying to open it. If it is not perfectly closed, do not try to press the bonnet lid down but open it and repeat the procedure.



#### **ATTENTION**

For safety reasons, the bonnet must be properly closed while travelling.

Make sure that the bonnet is perfectly closed and that the lock is engaged. If you discover during travel that the lock is not fully engaged, stop immediately and close the bonnet in the correct manner.

- Only perform these operations when the vehicle is stationary.
- Pay attention to scarves, ties and other loose-fitting garments. If they accidentally come into contact with moving parts, they may get caught up and dragged with serious injury for those wearing them.
- When the engine is warm, work carefully inside the engine compartment to avoid getting burnt. Wait until the engine has cooled.

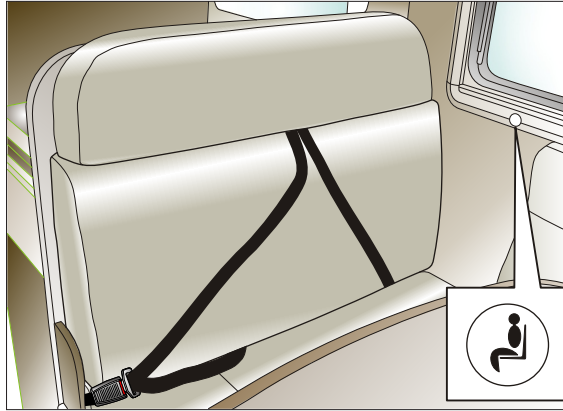


## While Travelling

### PASSENGER SEAT ARRANGEMENT

#### **ATTENTION**

- Passengers must remain in the seats provided during the journey. Consult the motorhome manual for the number of homologated seats.
- It is obligatory to wear safety belts where these are provided on seats.



### EXTERNAL DOORS

#### **ATTENTION**

- Ensure that the external doors are always closed when driving.
- Locked doors prevent strangers from entering your motorhome when you are stopped at a traffic light.
- Always lock the doors when you leave your motorhome.

### REFUELLING

#### **ATTENTION**

No gas equipment (gas stove, gas heating, etc.) may be in operation inside the motorhome during refuelling, transportation on ferries and when the motorhome is in your garage.



---

*While you are  
stationary*

**5**

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## While you are stationary



### CAUTION

- Stop only in permitted rest areas and do not leave refuse in these areas. Have respect for public peace and neighbouring vehicles, and respect the environment in general.
- Ensure that you always park your motorhome in a horizontal position. Failure to observe this instruction may cause difficulties in operating certain systems and equipment installed in the motorhome.
- Always observe the indications provided in the specific manuals of individual components and in the chassis manual.
- Operate the fridge with the 230V power supply or gas only after having stopped the vehicle and connected the electrical power supply if required.
- Do not obstruct in any way the ventilators and air inlets. Good interior ventilation must be guaranteed even in winter.
- The installation of a flyscreen does not exclude the possibility that some insects may enter the motorhome, since the ventilators and air inlets must remain free to guarantee natural air circulation.
- Keep the door open towards the roof for as little as possible when the oven is hot. The heat could damage the roof.
- Open the skylight or windows slightly when the heating is on.
- At least once a day, open the doors of the internal furnishings and move cushions away from the walls to avoid the formation of condensation.
- Always keep the exhaust gas flue and combustion air outlet clean.
- When using the door of the rear locker, take care not to leave it open in proximity of the exhaust gas pipe. If the Combi heater or boiler is in operation, the exhaust fumes can damage the locker door.
- When the right-hand window of the dinette is open, be careful when opening the entrance door as it may knock against the window.
- Do not place objects made of flammable material in contact with light fixtures or heat sources.

- When the motorhome is stationary, engage the hand brake and place the vehicle in first gear.
- Operate the fridge with the 230V power supply or turn on the gas once you have positioned your motorhome and connected the electrical power supply.
- To create shade when the skylight dome is closed on sunny days, do not close the shades completely. Rather leave the flyscreen open by a third and the shades by the remaining two thirds. This will prevent the heat becoming trapped between the dome and the shades, causing damage to the dome and frame.
- When the vehicle is not being used for a long period of time, keep the flyscreen and shades open.

### **WHEEL CHOCKS**

We recommend that you keep a set of wheel chocks in your motorhome to use if you stop on an incline or decline. The wheel chocks are also useful when the motorhome is not being used (if parked outdoors) to keep the tyres raised or allow for more rapid run-off of rain water.

## *While you are stationary*

---

### **MAIN ENTRANCE DOOR, EXTERNAL DOORS, EXTERNAL LOCKERS AND GARAGE LOCKER**

Always lock the cab doors, the main entrance door, windows and external locker doors when you leave your motorhome.

#### **MAIN ENTRANCE DOOR**

- Activate the safety lock of the cab and main entrance doors to prevent them from opening accidentally or in the event of an accident.
- Locking the doors is also a safety precaution against intruders. However, in the event of an accident, this may present difficulties for rescue services.



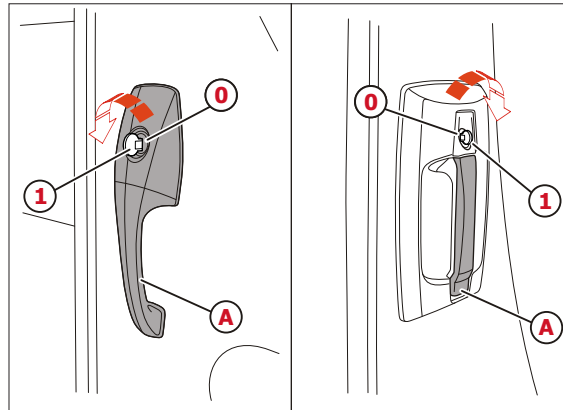
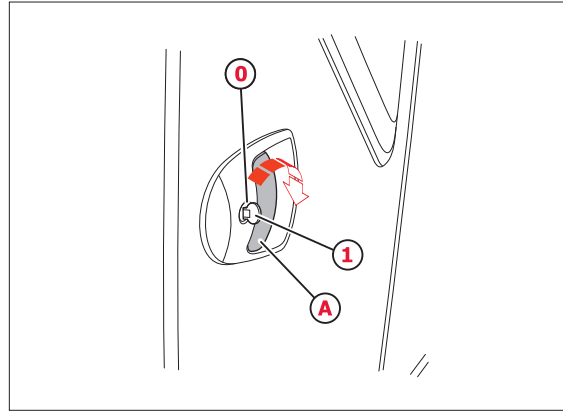
#### **TIPS**

Check that the doors and panels of your motorhome are properly locked. Check that the locks have turned twice and have not stopped at the first turn.

## *While you are stationary*

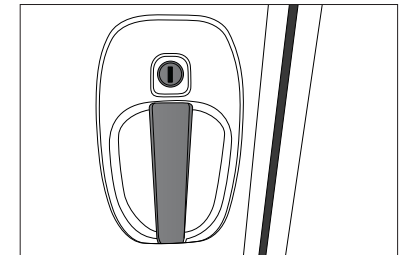
### **OPENING THE DOOR FROM OUTSIDE**

- Insert the key into the lock and turn it clockwise **1** until you have unlocked it.
- Bring the key back to the middle position **0** and remove it.
- Open the door by pulling handle **A**.



### **OPENING THE DOOR FROM OUTSIDE**

- To lock the door from outside proceed as indicated previously (opening from outside) but turn the key anti-clockwise.





## While you are stationary

### OPENING THE DOOR FROM INSIDE

(Fig. 1 and 2)

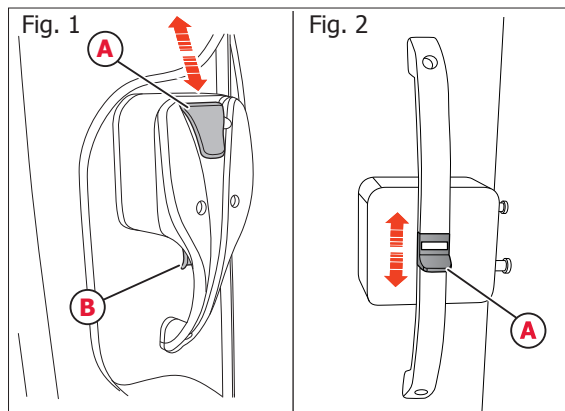
- Lift button **A** up to release the lock and pull lever **B**.

(Fig. 3)

- Pull handle **A** inwards to release the lock.

(Fig. 4)

- Lower lever **A** to release the lock.



### OPENING THE DOOR FROM INSIDE

(Fig. 1 and 2)

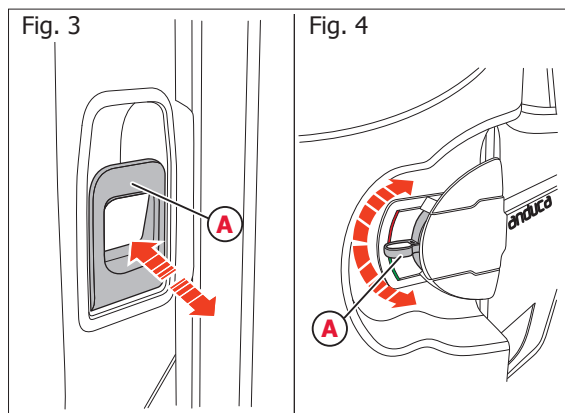
- To lock the door from inside press button **A** down.

(Fig. 3)

- Push handle **A** inwards to lock.

(Fig. 4)

- Lift lever **A** to lock.



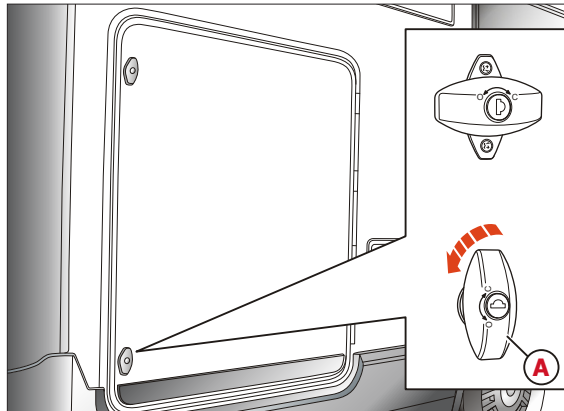
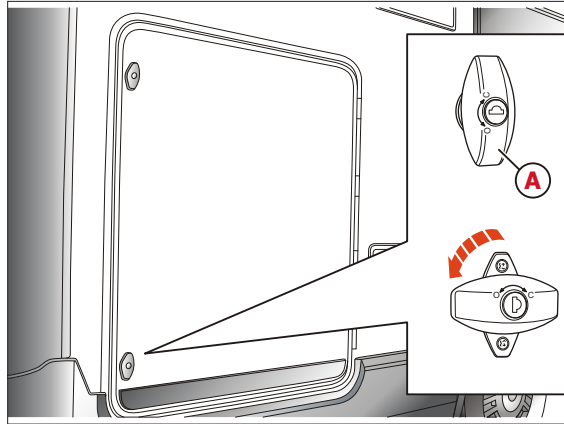
### CAUTION

Pulling lever **B** will open the door even if button **A** is down.

### EXTERNAL LOCKERS AND GARAGE LOCKER

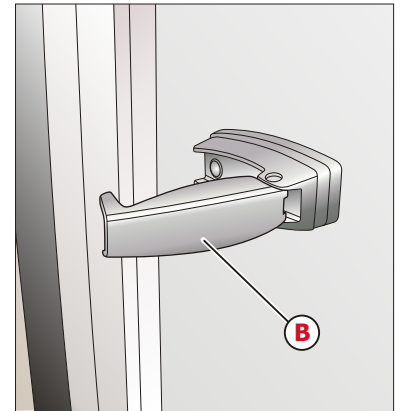
#### OPEN

- Insert the key into the lock and turn anti-clockwise to unlock.
- Return the key to the vertical position and remove it.
- Turn knobs **A** to horizontal position and open the door.
- Secure the door in the open position using the latch **B**.



#### LOCK

- Release the latch **B** and close the door.
- Close the door, turn handle **A** to a vertical position.



---

*Living in your  
motorhome*

**6**

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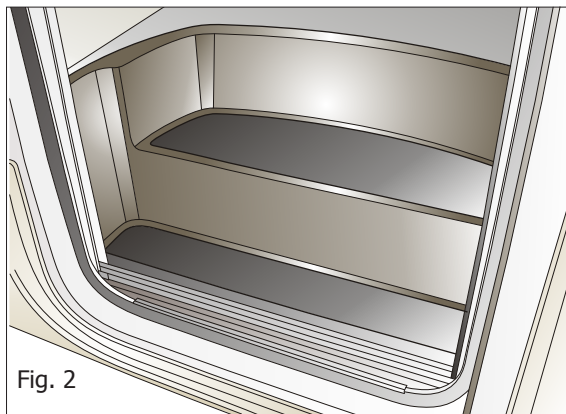
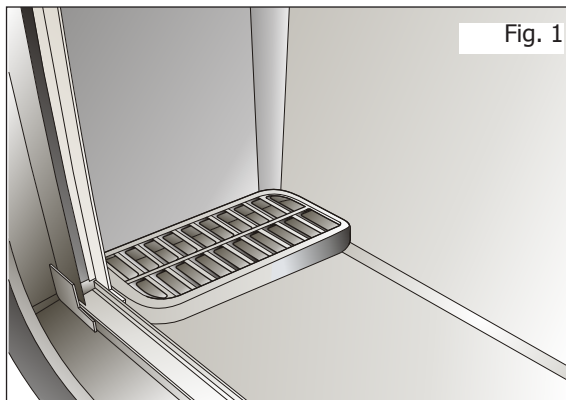
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# Living in your motorhome

## VENTILATION

- The amount of oxygen present inside your motorhome is reduced in proportion to the number of occupants, and the use made of the heating and stove. Oxygen is replaced by carbon dioxide, a toxic and sometimes lethal gas. The air inside your motorhome must be continuously renewed during the course of the day.
- With low winter temperatures condensation may form inside the double glass windows. This phenomenon is perfectly normal and the condensation will be eliminated as the outside temperature increases.
- Ensure continuous air circulation inside your motorhome in all seasons, especially when the outside temperature is very low so that you avoid the formation of condensation wherever possible. With regular air circulation during cold periods in proportion to the amount of heating used, you can achieve a comfortable environment inside your motor-



home. During hot periods, especially with extremely high temperatures, hot air tends to remain inside the motorhome. Ventilate often by opening doors, windows and the skylight.

- Your motorhome is fitted with fixed air vents (do not obstruct). These vents are located in some skylights on the roof and on the inside of the entrance step (fig. 1).



### ATTENTION

Do not obstruct or cover the air vents.



### CAUTION

Providing additional ventilation is essential while cooking, e.g. by opening the windows near the grill, the stove and the oven. Do not use cooking appliances as space heaters.

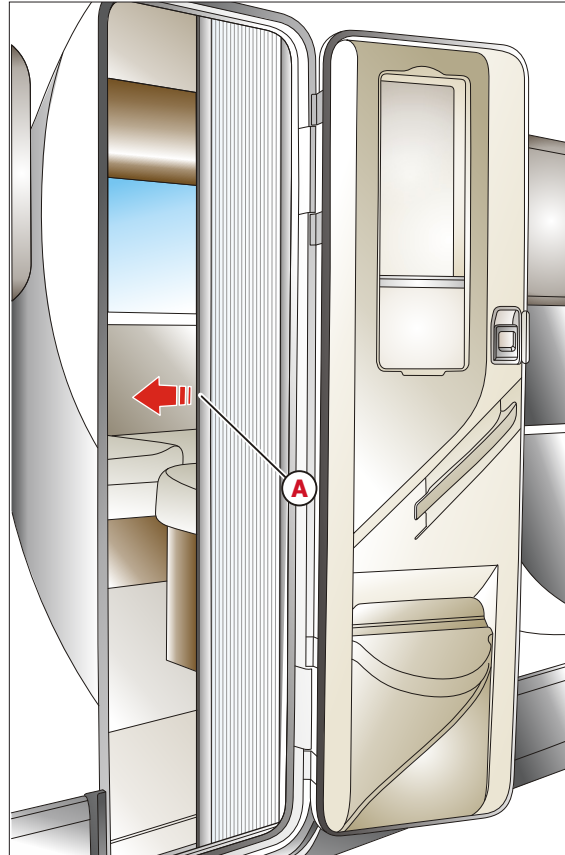
### ENTRANCE DOOR FLYSCREEN

- To open the flyscreen, grasp the middle area **A** and drag it to all open position.
- Reverse the operation to close the flyscreen.



#### ATTENTION

The flyscreen can be partially opened if required.



### WINDOWS

- The windows are fitted with shades and flyscreens. The shades and flyscreens are roller operated and return automatically to their initial positions by spring action when released. To avoid damage to the flyscreens and shades, we recommend that you guide them when they retract.
- Always close the windows before you start a journey.

# Living in your motorhome

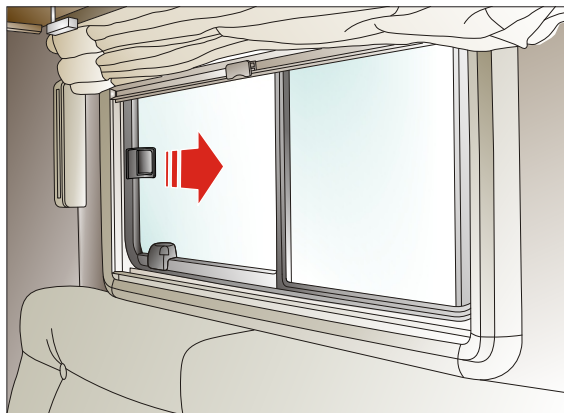
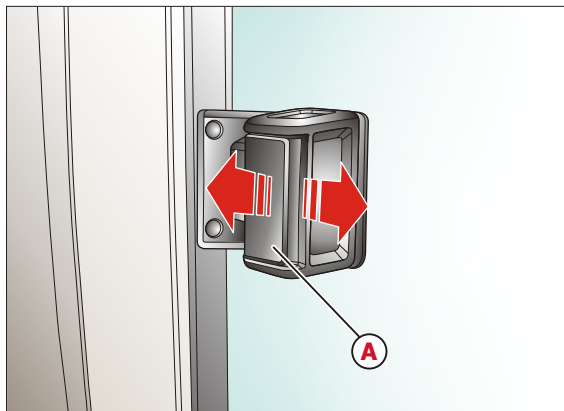
## SLIDING WINDOWS

### OPENING

- Hold the handle and press lever **A**. At the same time slide the opening half of the window to the position you wish.
- Release the lever to lock the window in place.

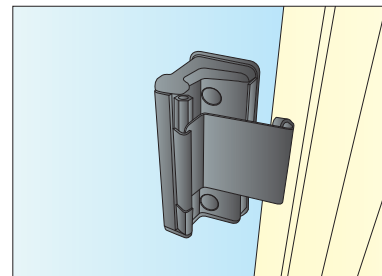
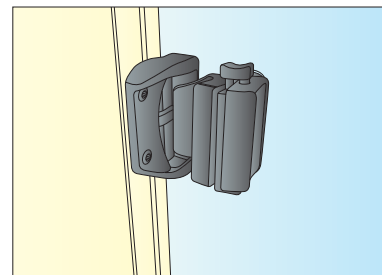
### CLOSING

- Hold the handle and press lever **A**. At the same time slide the opening half of the window shut.



### CAUTION

Do not use alcohol-based products to clean the windows. These may permanently damage the acrylic surface.



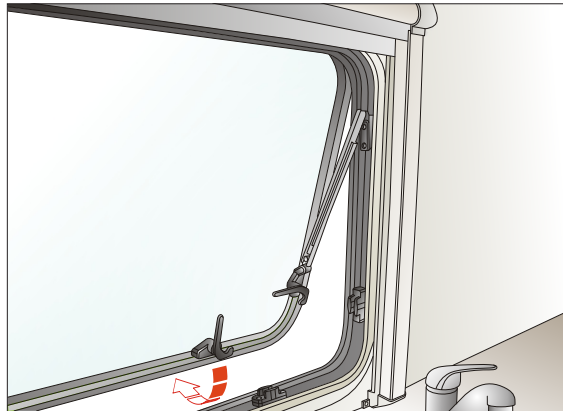
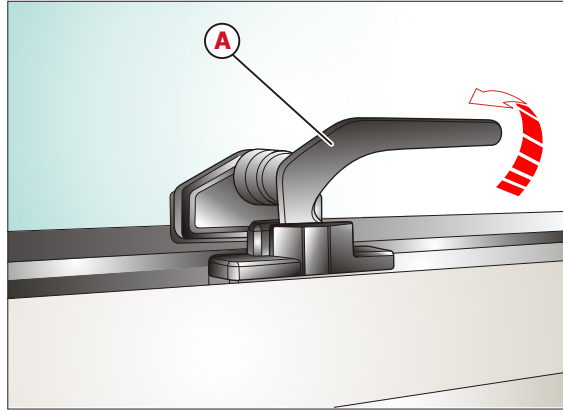
### WINDOWS WITH AUTOMATIC CLICK LOCK ARMS

#### OPEN

- Release all fastening levers **A** by taking them to vertical position.
- Open the window by pushing from the centre to the desired position. The automatic click lock arms will keep it in place.

#### LOCK

- Disengage the automatic click lock arms by pushing the window from the centre and fully opening it.
- Close the window manually.
- Secure all fastening levers **A** by taking them to closing position.



#### ! CAUTION

Do not use alcohol-based products to clean the windows. These may permanently damage the acrylic surface.

#### ! CAUTION

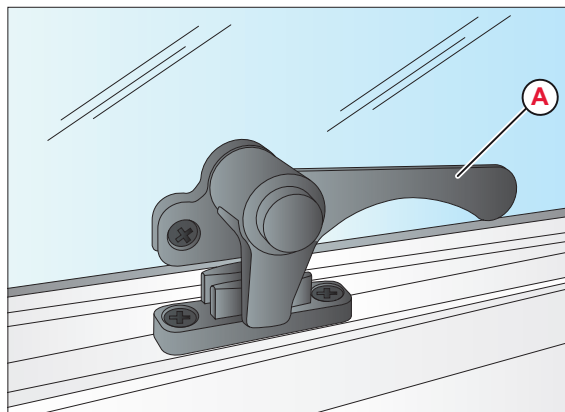
The locking levers allow you to choose a window position to ensure air circulation while travelling. Close the window when travelling in rain to avoid water entering the motorhome.

## Living in your motorhome

### WINDOWS WITH AUTOMATIC CLICK LOCK ARMS

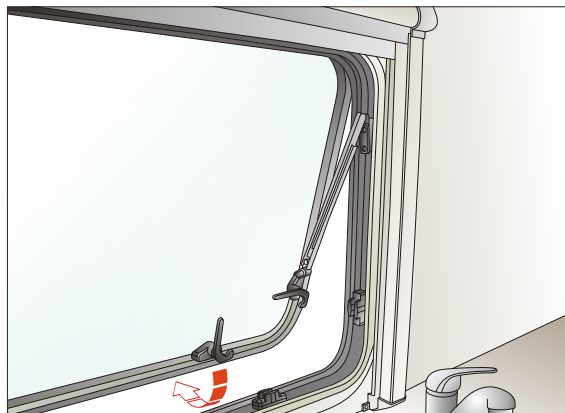
#### OPEN

- Release all fastening levers **A** by pressing the button and moving them to vertical position at the same time.
- Open the window by pushing from the centre to the desired position. The automatic click lock arms will keep it in place.



#### LOCK

- Disengage the automatic click lock arms by pushing the window from the centre and fully opening it.
- Close the window manually.
- Couple all fastening levers **A** by pressing the button and moving them to closing position at the same time.



#### CAUTION

Do not use alcohol-based products to clean the windows. These may permanently damage the acrylic surface.



#### CAUTION

The locking levers allow you to choose a window position to ensure air circulation while travelling. Close the window when travelling in rain to avoid water entering the motorhome.

### WINDOWS WITH MANUAL LOCKING ARMS

#### OPEN

- Turn lever **A** to a vertical position.
- Open the window by pushing it from the centre until it reaches the desired position.
- Lock the window by tightening the telescopic arm screws **B**.

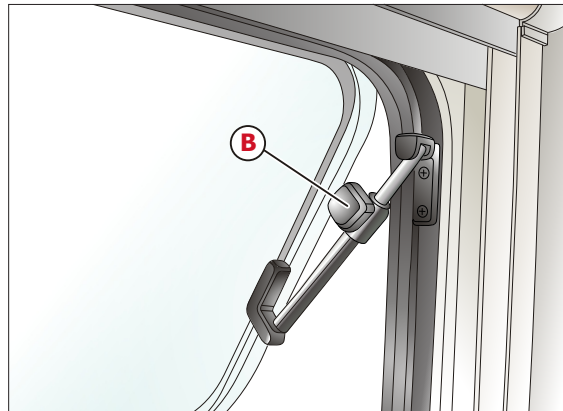
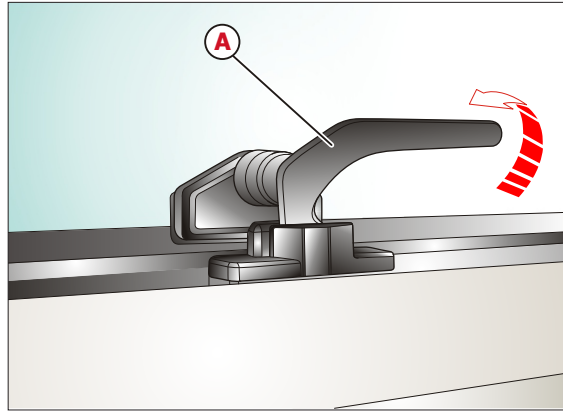
#### LOCK

- Loosen the telescopic arm screws **B**.
- Close the window manually.
- Lock all levers **A**.

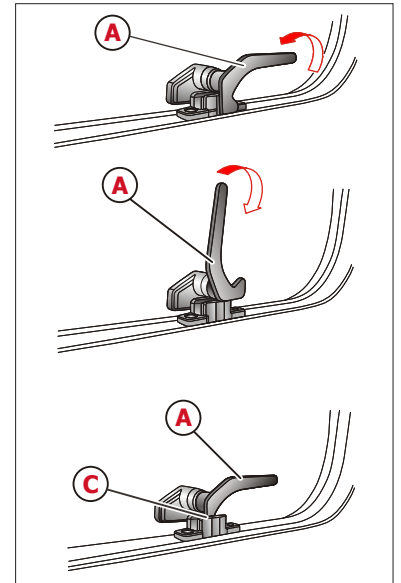
### CONTINUOUS AIR CIRCULATION

The locking lever allows the window to be fixed in two different positions:

- Continuous air circulation position.
- Fully closed position. To fix the open window in continuous air circulation position of the passenger compartment:
- Turn lever **A** to a vertical position. Repeat with the other levers.



- Open the window slightly by pushing it from the centre.
- Bring lever **A** to the closed position. Then insert latch **C** in the lock slot.



## Living in your motorhome

### WINDOWS WITH MANUAL LOCKING ARMS

#### OPEN

- Press the button turning the levers **A** to vertical position.
- Open the window by pushing it from the centre until it reaches the desired position.
- Lock the window by tightening the telescopic arm screws **B**.

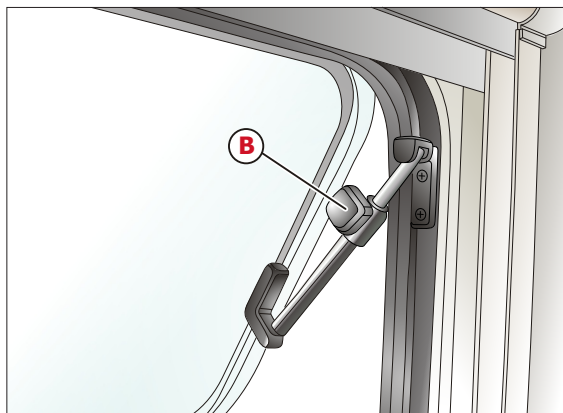
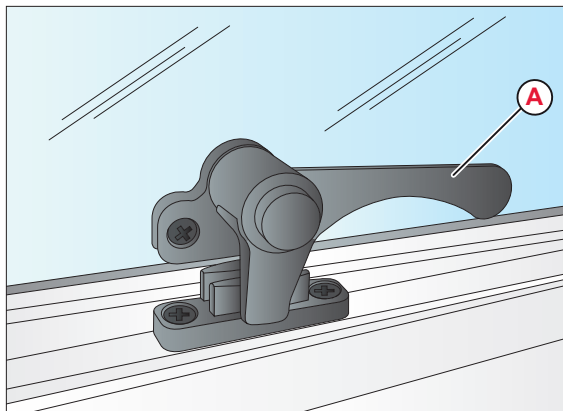
#### LOCK

- Loosen the telescopic arm screws **B**.
- Close the window manually.
- Press button and couple all levers **A**.

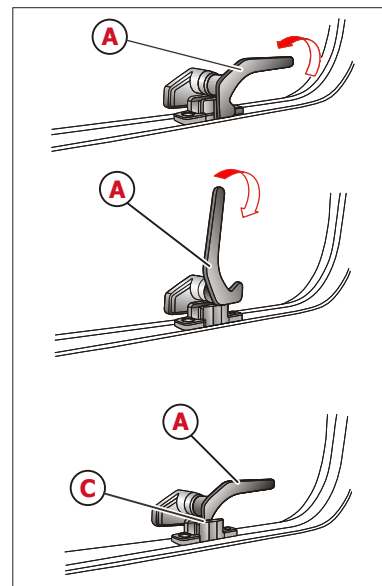
### CONTINUOUS AIR CIRCULATION

The locking lever allows the window to be fixed in two different positions:

- Continuous air circulation position.
- Fully closed position. To fix the open window in continuous air circulation position of the passenger compartment:



- Press and turn lever **A** to a vertical position. Repeat with the other levers.
- Open the window slightly by pushing it from the centre.
- Bring lever **A** to the closed position. Then insert latch **C** in the lock slot.

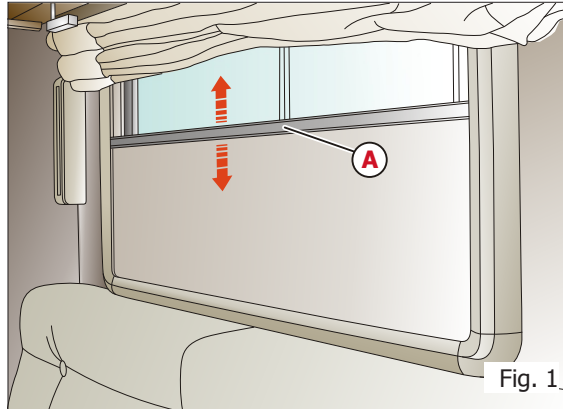


### SHADES AND FLYSCREENS

The windows are fitted with shades and flyscreens. The shades can be used alone or together with the flyscreens, but the flyscreens can only be used if attached to the shades.

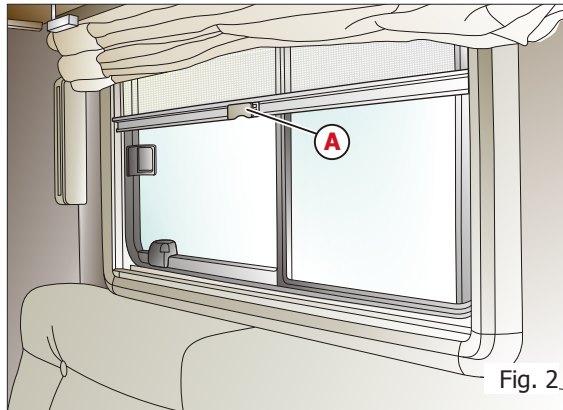
#### SHADES (Fig. 1)

Grasp the middle area **A** to open or close the shades. The shades can be set to any position. When the fly-screen is attached to the shade, the shade can be lifted partially or fully.

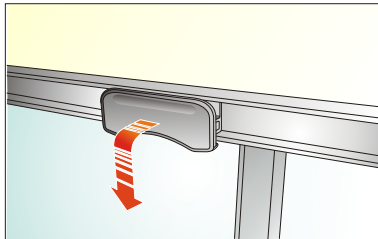


#### FLY SCREEN (Fig. 2)

Press handle **A** and pull the fly-screen downwards. The flyscreen can be set to any position. To release the flyscreen, press handle **A** towards the middle of the glass and guide the upward movement of the flyscreen to the open position.



Guide the shade and the fly screen when they are retracted.



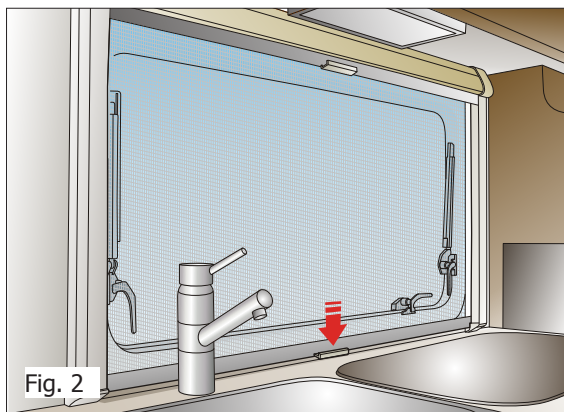
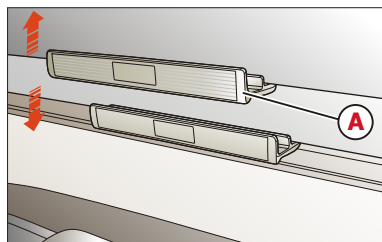
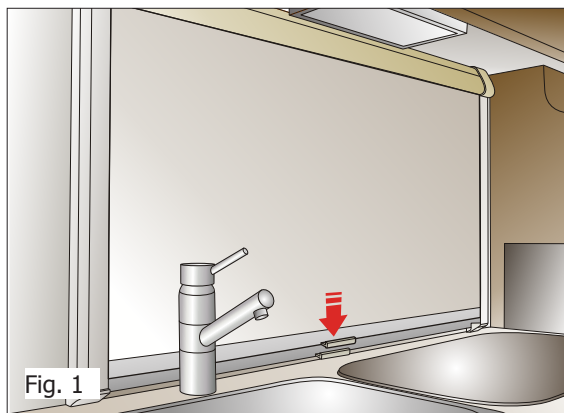


# Living in your motorhome

## SHADES AND FLYSCREENS

### SHADES (Fig. 1)

Grasp the handle **A** and pull the shades downwards. The shades have two positions - intermediate and all closed. To release the shades, press the handle downwards and guide the upward movement of the shades to the open position.



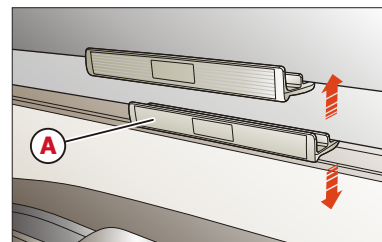
### FLY SCREEN (Fig. 2)

Press the handle **A** and pull the flyscreen downwards until it locks. To release the flyscreen, press the handle downwards and guide the upward movement of the flyscreen to the open position.



### CAUTION

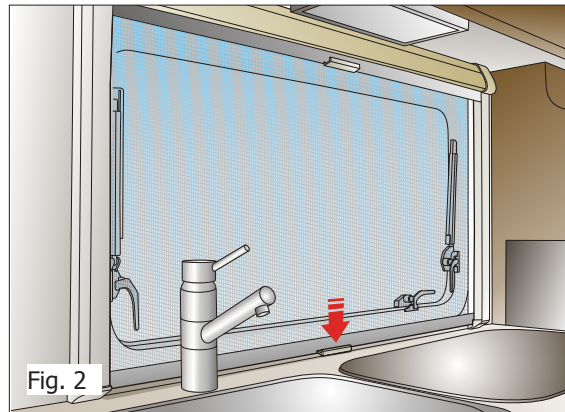
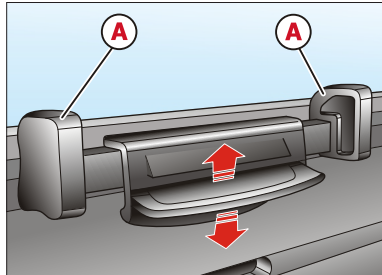
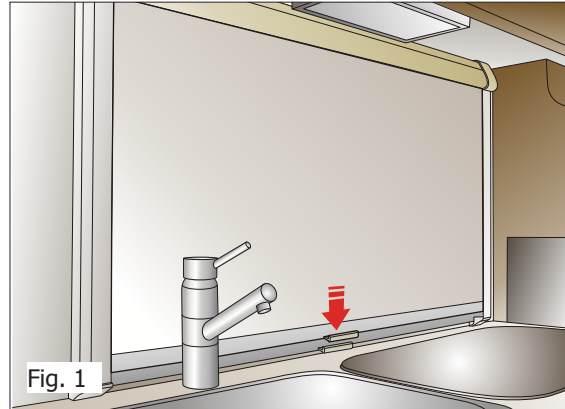
Guide the shade and the fly screen when they are retracted.



### SHADES AND FLYSCREENS

#### SHADES (Fig. 1)

Press both points **A** and lift or lower the shades at the same time. The shade has two positions: intermediate and all closed. To release the shade, press both points **A** and guide the upward movement of the shade to the open position.

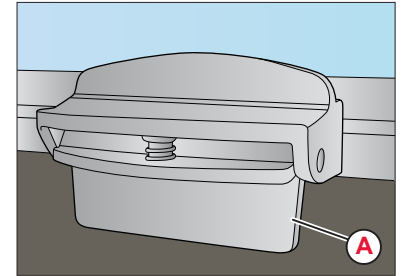


#### FLY SCREEN (Fig. 2)

Grip the handle pulling the lever **A** and pull the fly screen downwards until it locks. To release the fly screen, press the lever **A** and guide the upward movement of the fly screen to the open position.



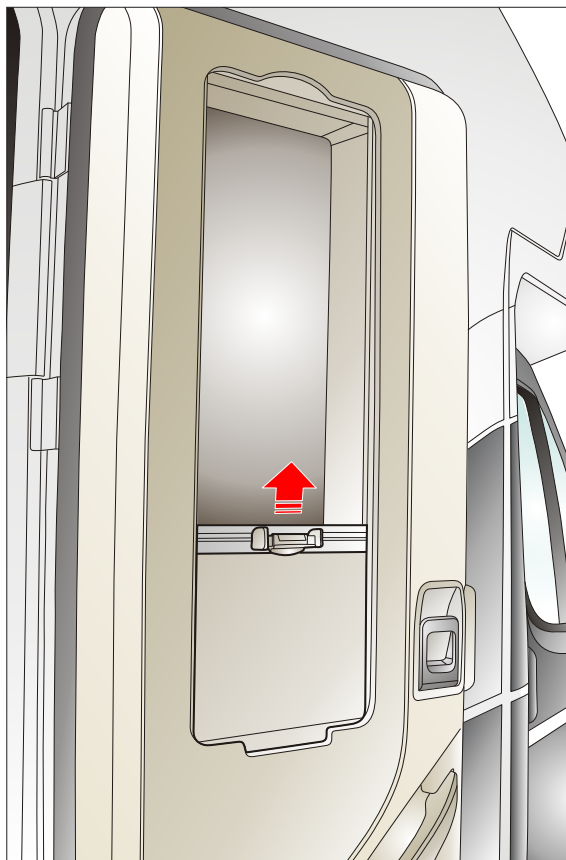
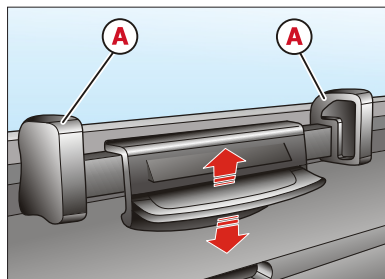
Guide the shade and the fly screen when they are retracted.



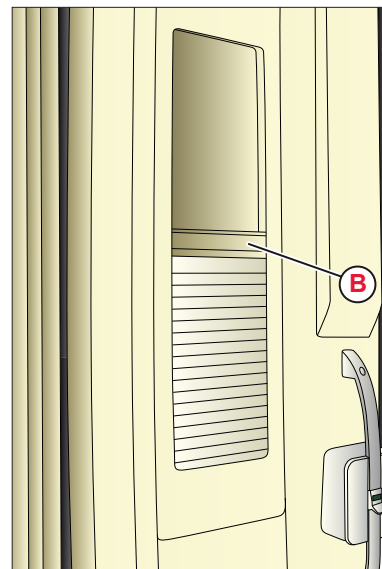
## Living in your motorhome

### ENTRANCE DOOR SHADES

Press both points **A** and lift or lower the shades at the same time.



Take the central zone **B** to pull the shade up or down.



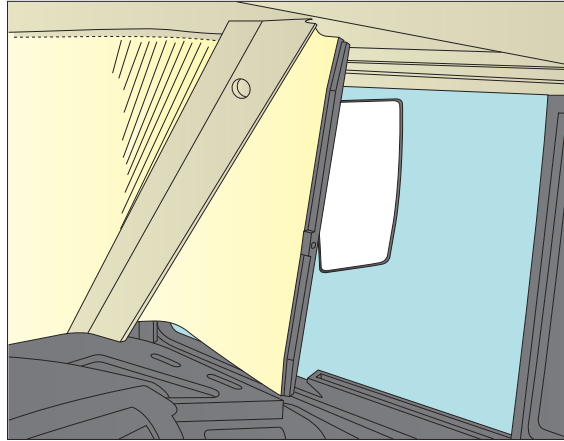
## **CONCERTINA SHADES FOR MOTORHOME SIDE WINDOWS**

### **CLOSING**

- Using the grip push concertina shade until fully closes and fasten it in the specific seat.

### **OPENING**

- Open the concertina shade by pulling the grip until it opens. Fix the shade using the magnet in the grip.



## *Living in your motorhome*

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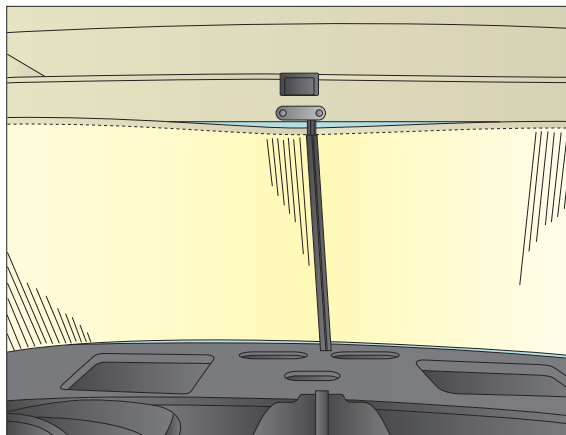
### **CONCERTINA SHADES FOR MOTORHOME WINDSCREEN**

#### **CLOSING**

- Pull the first half of the concertina shade towards the middle of the windscreen and repeat the operation on the other side. A magnet will hold the two parts of the shade closed.

#### **OPENING**

- Push the two halves of the concertina shade using the grip and fasten it in the housing.



### SKYLIGHTS

- The skylights are fitted with a roller operated shade and flyscreen. Both of these items return automatically to their initial positions by spring action when they are released. Avoid damage to the traction mechanism by holding the flyscreen/shade and slowly guiding them to their initial positions.
- Depending on atmospheric conditions, close the skylights to avoid humidity entering the motorhome.
- Ensure that all skylights are closed and locked before commencing your journey.
- Open all shades before setting off on your journey.
- Do not open skylights while travelling.



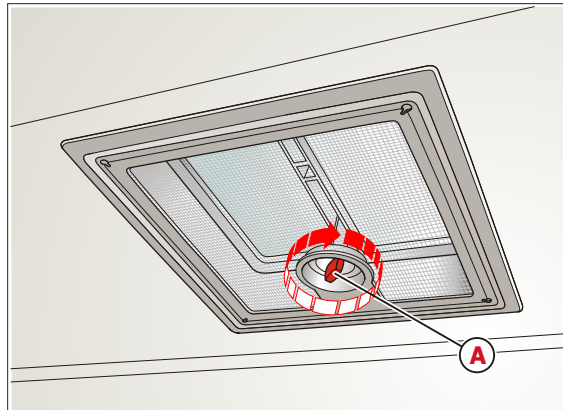
#### CAUTION

The skylights must remain closed while travelling and their shades and flyscreens must be open and in released position. The shades and flyscreens must remain open and released even during periods of inactivity of the motorhome.



#### CAUTION

Do not use alcohol-based products to clean the windows. These may permanently damage the acrylic surface.



### SKYLIGHTS WITH HAND-WHEEL

- Turn hand-wheel **A** clockwise to open the skylight. Turn the hand-wheel anti-clockwise to close. The skylight can be opened to any position.

# Living in your motorhome

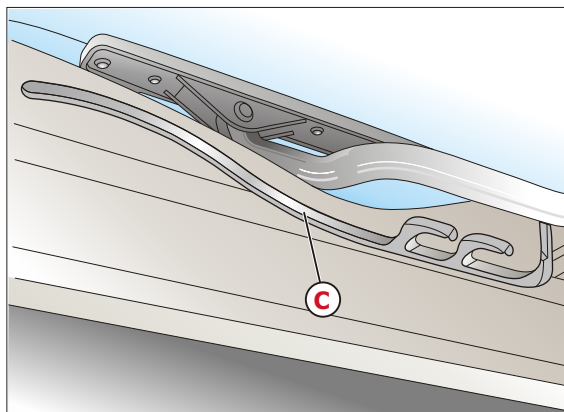
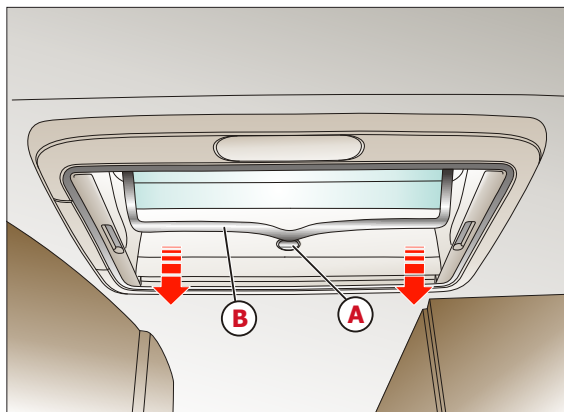
## TILTING SKYLIGHT

### OPENING

- Press safety button **A** and pull bracket **B** down using both hands.
- Pull bracket **B** into guides **C** to the maximum position.

### CLOSING

- Push bracket **B** slightly up using both hands.
- Push the bracket once again into the guides.
- Push the bracket up using both hands until the bracket is above safety button **A**.



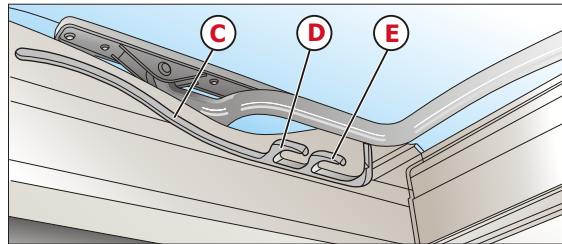
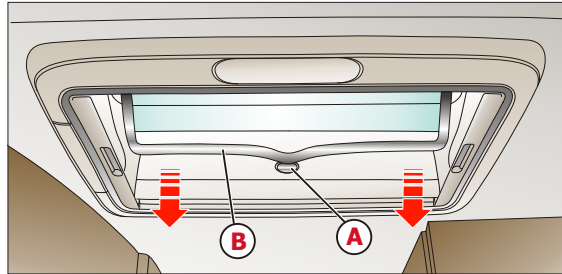
### CAUTION

Rain can enter the motorhome if the tilting skylight is in air circulation position when it is raining. Close the tilting skylight when it rains.

### AIR CIRCULATION POSITION

The tilting skylight can be placed in two air circulation positions.

- Press safety button **A** and pull bracket **B** down using both hands.
- Pull the bracket into the guides **C** to the desired position.
- Lightly press the bracket up and push it into the selected guide **D** or **E**.



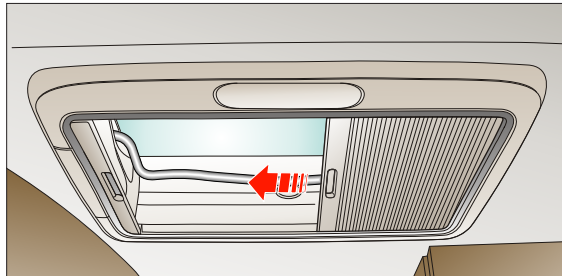
### SHADES

#### CLOSING

- Pull the shades by the handle to the desired position; then release the handle. The shades will remain in this position.

#### OPENING

- Gently push the shades by the handle to the initial position.





# Living in your motorhome

## SKYLIGHTS WITH SHADES AND FLYSCREENS

### SHADES (Fig. 1)

Open and close the shades by pressing button **A** and pulling. When the desired position is reached, release button **A** and check that the shades are locked.

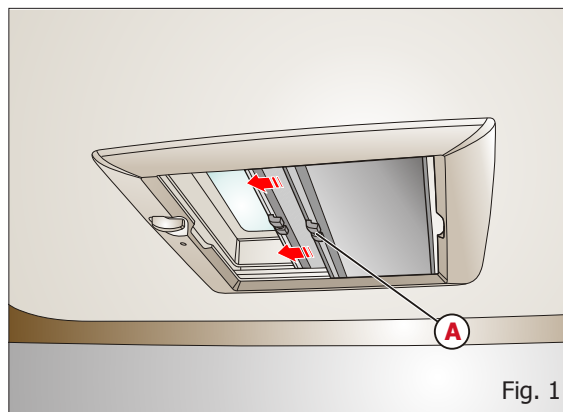


Fig. 1

### FLY SCREEN (Fig. 2)

Open and close the flyscreen by pressing button **A** and pulling. When the desired position is reached, release button **A** and check that the flyscreen is locked. The flyscreen only has one position setting

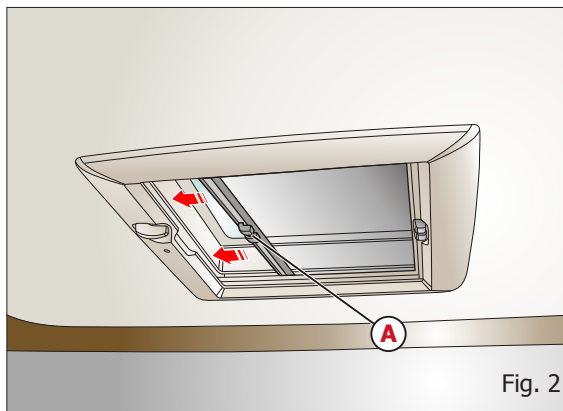


Fig. 2



### CAUTION

It is possible to keep the shades and flyscreen closed simultaneously.



### CAUTION

To create shade when the skylight dome is closed on sunny days, do not close the shades completely. Rather leave the flyscreen open by a third and the shades by the remaining two thirds. This will prevent the heat becoming trapped between the dome and the shades, causing damage to the dome and frame.

### CLICK-LOCK SKYLIGHT

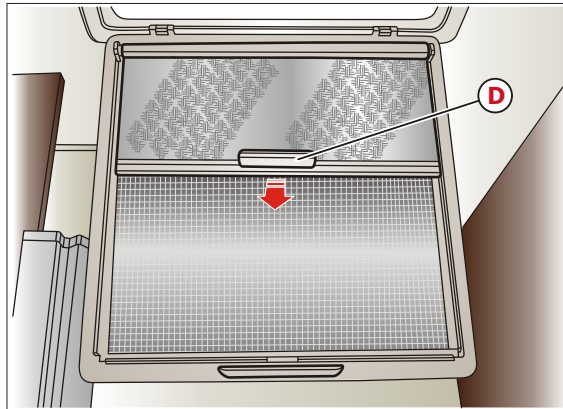
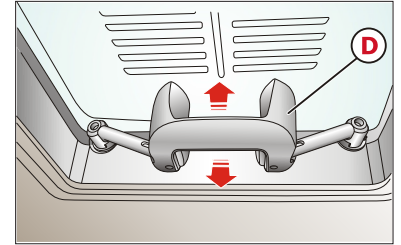
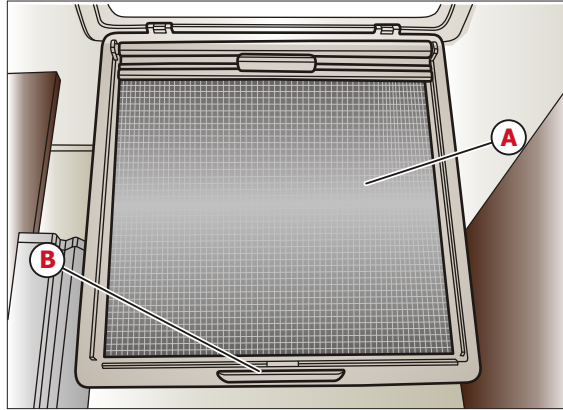
The skylight can be lifted on one or both sides by pressing the handle **D**.

### FLYSCREEN OPENING

Pull the flyscreen **A** down using handle **B**. The flyscreen opens downwards.

### SHADES

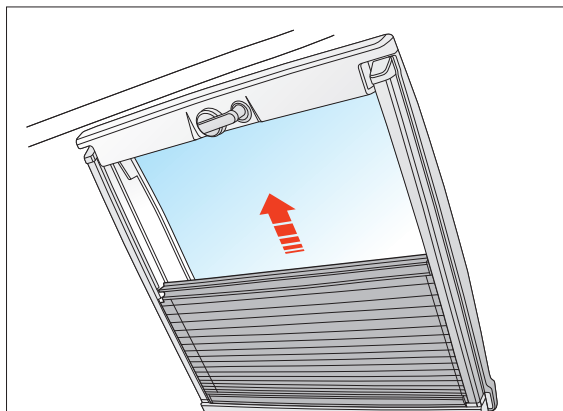
Pull the shades by the handle **D** until it is fully closed. To open the shades, grasp the handle **D** and guide the movement of the shades to the open position.



## Living in your motorhome

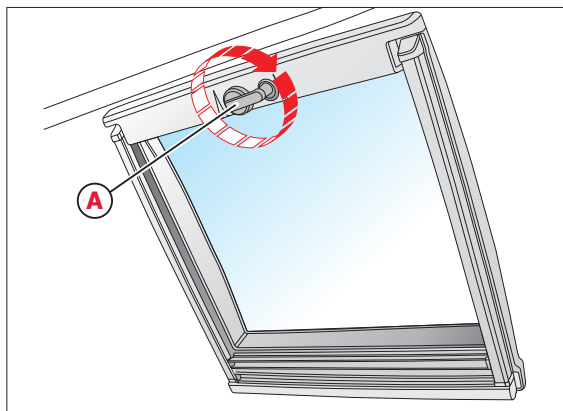
### PANORAMIC SKYLIGHT WITH OPENING HANDLE

- The panoramic skylight is fitted with shades.
- Pull the shades from the centre upwards to ensure that they close evenly.
- Before opening the panoramic skylight, first close the shades. Turn handle **A** of the skylight until it reaches the desired position.



### CAUTION

Guide the shades when they are retracted.



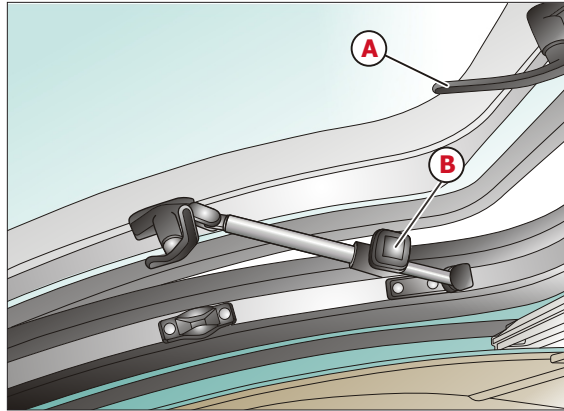
### PANORAMIC SKYLIGHT WITH MANUAL LOCKING ARMS

#### OPENING

- Turn lever **A** to a vertical position.
- Open the skylight by pushing it downwards to the required position.
- Lock the skylight by tightening the telescopic arm screws **B**.

#### CLOSE

- Loosen the telescopic arm screws **B**.
- Close the skylight manually.
- Lock all levers **A**.



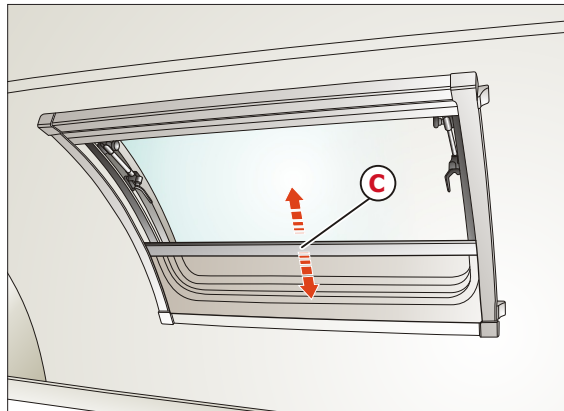
The panoramic skylight is fitted with shades.

Grasp the edge **C** in the middle part to open and close the shades.



#### CAUTION

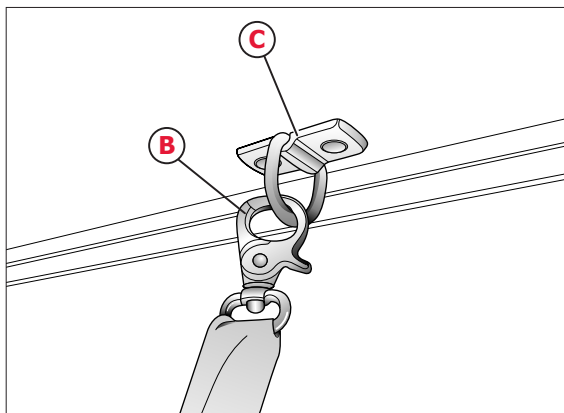
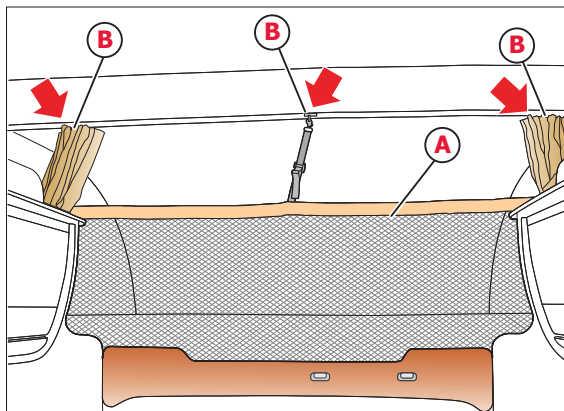
Guide the shades when they are retracted.



## Living in your motorhome

### SAFETY NET

- All the beds in your motorhome at a height of more than 1 metre from the floor, are fitted with a safety net.
- As with all safety equipment, the safety net must be used and applied in accordance with the regulations in force (EN 1646-1).
- Use the upper beds only for sleeping and always fit the safety nets. Do not use upper beds to store objects which may fall during travel.
- Fit the safety net **A** by attaching the hooks **B** to the corresponding rings **C**.



### ATTENTION

The upper beds must only be used by adults. When using the upper beds always fit the safety nets. The upper beds may not be used by children younger than three years.

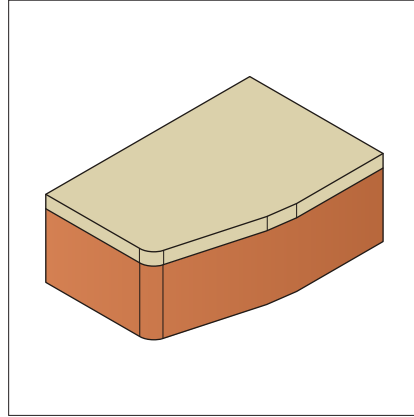


### ATTENTION

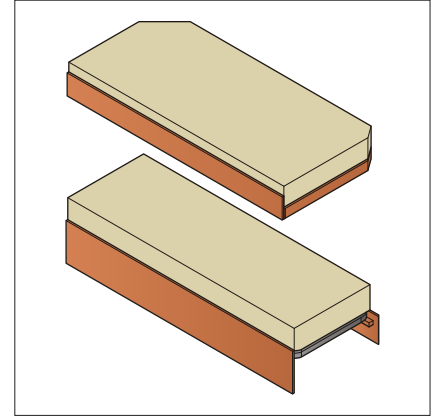
Pay attention to the risk of falling when the upper bunks are used by children, particularly under 6 years of age. These bunks are not suited for unsupervised infants.

### **TYPES OF BEDS**

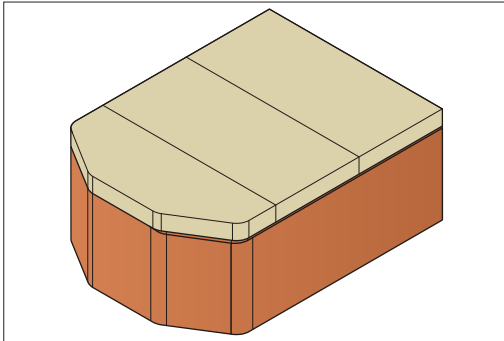
Our motorhomes are fitted with three types of beds; ready-made, beds made by converting some of the furnishings and pull-down. The rear double bed, bunk bed and overcab bed are ready-made beds and do not require changing the internal layout of the motorhome. Beds made by converting the furnishing require moving cushions and supports in the dinette. Pull-down beds are instead positioned in contact with the ceiling and arranged in position by pulling them downwards. The furnishing under the bed does not need to be changed.



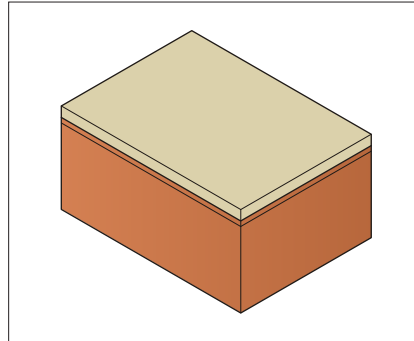
Three-quarter bed



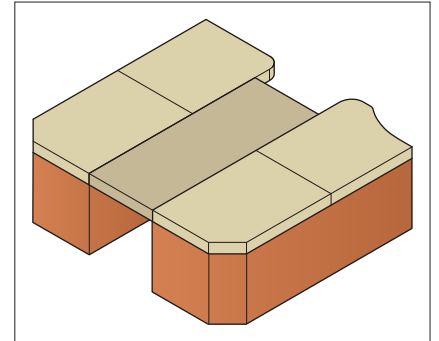
Bunk bed



Master bed



Garage bed

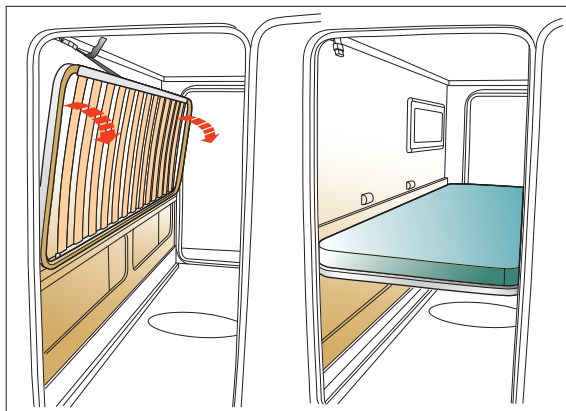


Twin bed

## Living in your motorhome

### FOLD-UP BED (VARIABLE VOLUME)

- Certain motorhome models are fitted with fold-up beds.
- This solution allows you to use the bed only when required.
- When the bed is not being used, you can fold it up vertically forwards or backwards and secure it using fastenings **A** provided. This way you can increase the load capacity in the garage.



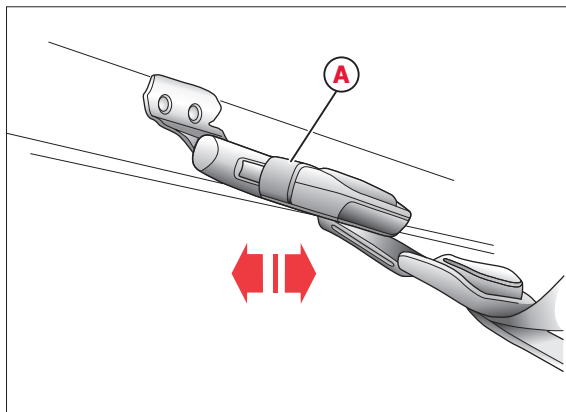
### ATTENTION

All beds can be lifted only when the vehicle is stationary.



### CAUTION

The garage has a high load capacity but it must be used in accordance with the homologation data of the vehicle regarding the maximum load permitted for the vehicle itself and the maximum load permitted for the garage locker.

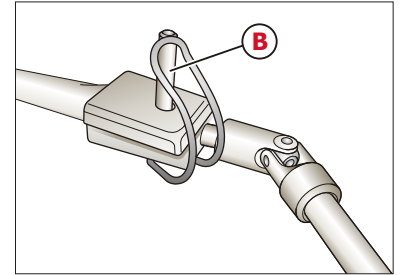
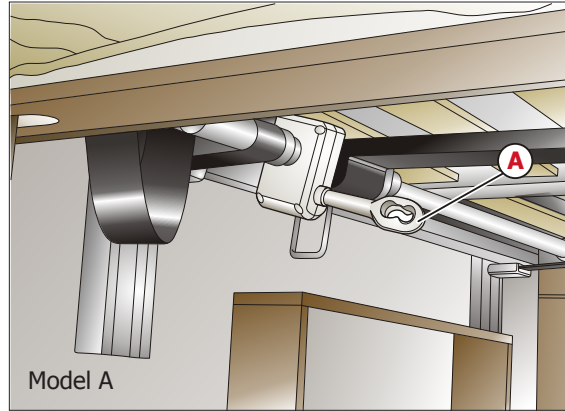


### FLEX SPACE REAR DOUBLE BED

The mechanism is positioned near the rear header and operated from inside the rear locker on some vehicles.

#### Model A

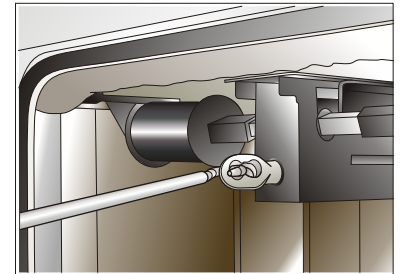
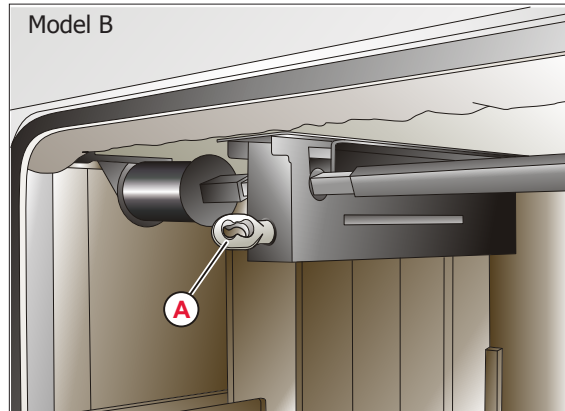
Remove the pin from the rod, insert the rod in eyelet **A** and insert lock pin **B**. Turn the rod either clockwise or anti-clockwise to either raise or lower the bed.



Do not activate the Flex Space mechanism while the vehicle is on an incline or decline and there are persons or objects of any kind on the bed.

#### Model B

Insert the rod in eyelet **A**; turn the rod either clockwise or anti-clockwise to either raise or lower the bed.





# Living in your motorhome

## FLEX SPACE BED TYPE 1

### Step 1

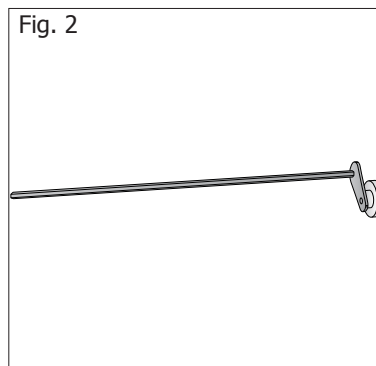
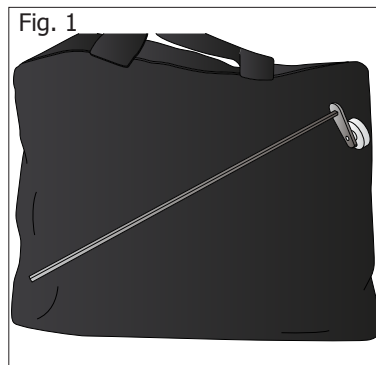
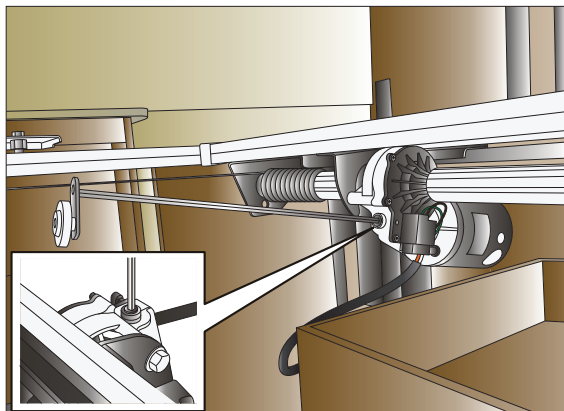
Take the rod for manually actuating the bed mechanism. The rod is delivered with the vehicle and is placed in the document pouch. (Fig.1/Fig.2)

### Step 2

Locate the bed motor compartment. It is under the bed springs. Locate the housing for the lever and insert it.

### Step 3

Insert the rod, fit it in the hole on the motor and turn it: clockwise to move the bed up, anticlockwise to move the bed down.



### FLEX SPACE BED TYPE 2

#### Step 1

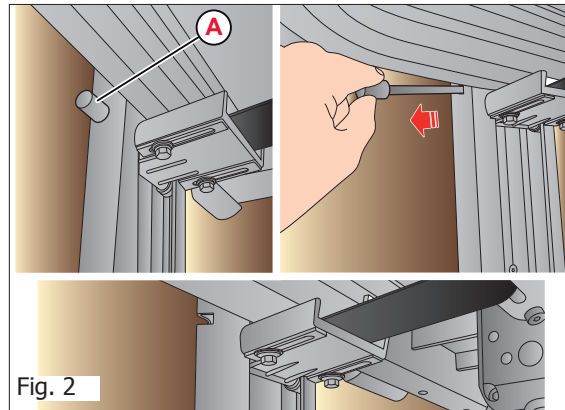
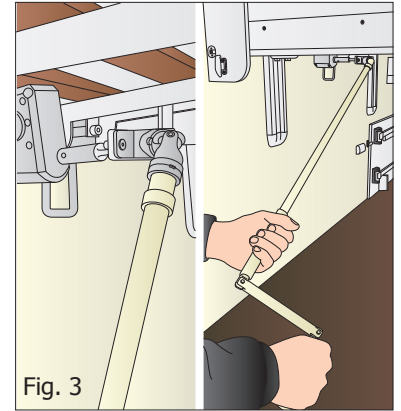
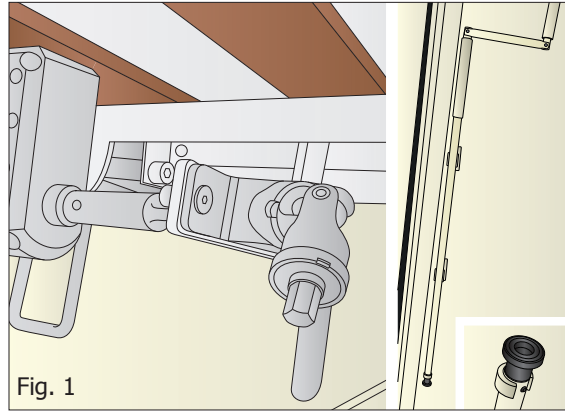
Take the rod for manually actuating the bed mechanism. The magnetic rod is fixed in the garage, on the rear header, or in the wardrobe (Fig.1).

#### Step 2

For this type of bed, before actuating the mechanism, remove the safety lock **A**, applied on the right guide of the bed placed on the rear header of the vehicle (Fig.2).

#### Step 3

Insert the magnetic rod, arranged on the mechanism, and turn it: clockwise to move the bed up, anticlockwise to move it down (Fig.3).



# Living in your motorhome

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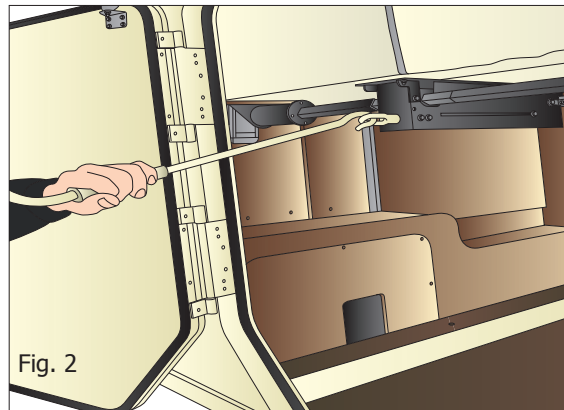
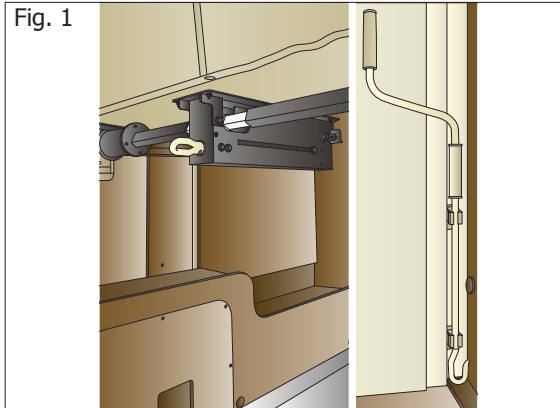
## FLEX SPACE BED TYPE 3

### Step 1

Take the rod for manually actuating the bed mechanism. The rod is fixed in the garage, on the rear header, or in the wardrobe (Fig.1).

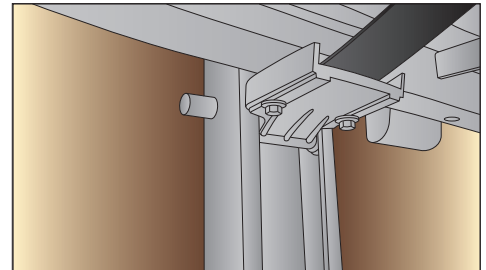
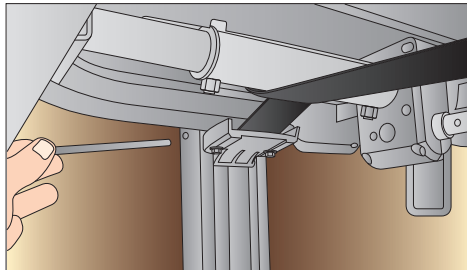
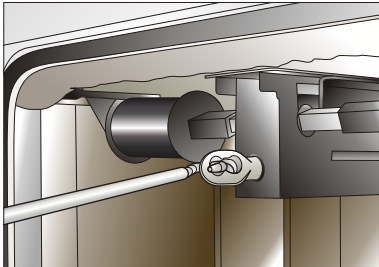
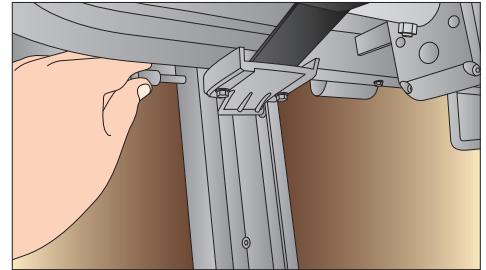
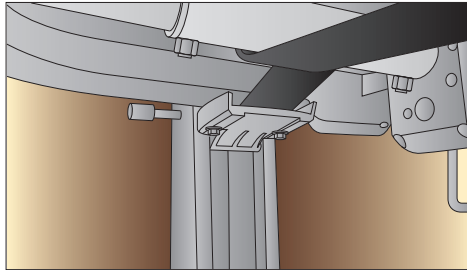
### Step 2

Insert the rod, fit it on the hook on the motor and turn it: clockwise to move the bed up, anticlockwise to move the bed down (Fig.2).



### FLEX BED CENTRAL LOCK 1 METRE HIGH

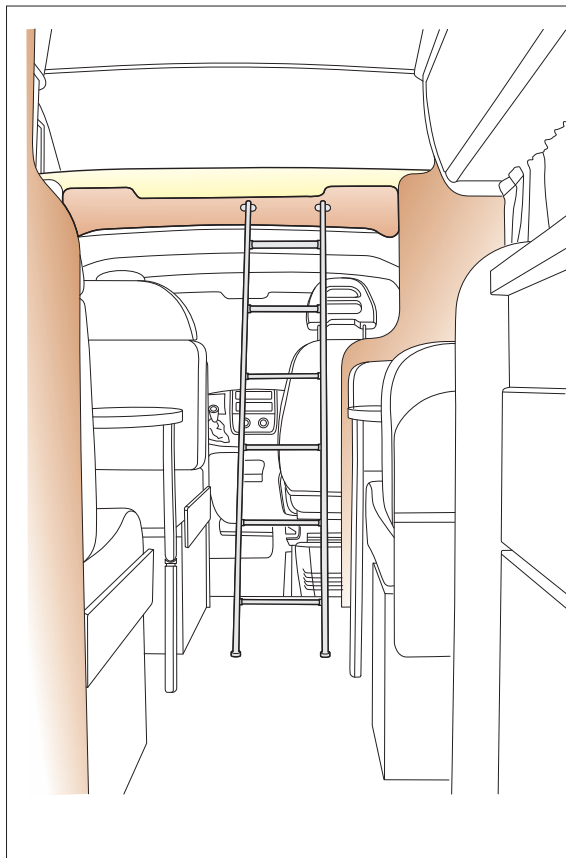
The double bed in central position of the vehicle must be used at a height of less than 1 metre from the floor. To respect this measure, a locking system for arranging it in the correct position is provided. When the bed is not in use, the loading compartment can be extended by removing the locking system as shown in the following photographs.



## Living in your motorhome

### OVERCAB BED

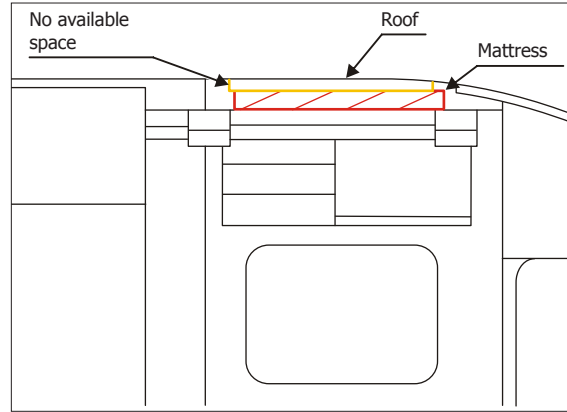
If your motorhome has a cab cut-away, open the net and the folding double mattress. Remember to return the bed to its original position in the morning to maximise space. If there is no cab cut-away, you can leave the bed as it is.



### ATTENTION

Always use the safety nets when using the overcab beds. Children younger than three years are prohibited from using the overcab beds.

Cushions, blankets or other objects must not be arranged between mattress and flat roof when the pull-down bed is in the upper position.



### CAUTION

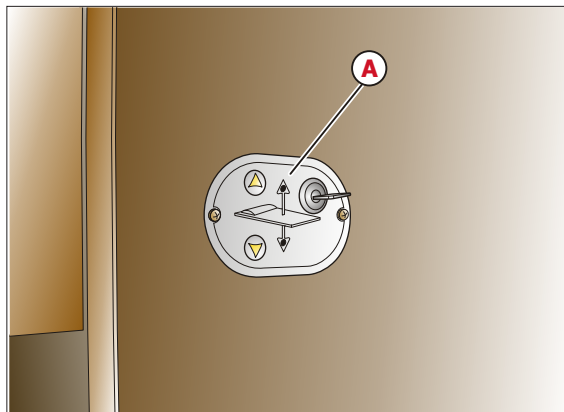
The pull-down bed can only be actuated when the vehicle is not moving.

## Living in your motorhome

### ELECTRIC STRAP-MOUNTED PULL-DOWN BED

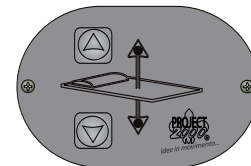
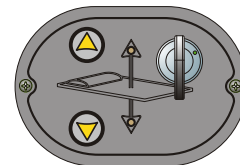
The electric strap-mounted pull-down bed has a control **A** fitted on the wall.

Insert the key and turn it clockwise. Press the button in the direction of the arrows to raise or lower the bed and then turn the key back to vertical position.



### CAUTION

The rear double bed located in central position cannot be used as a bed if it is placed at more than 1 metre from the floor.



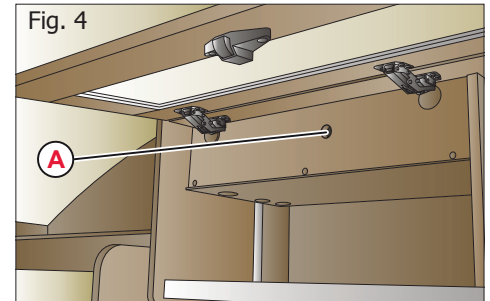
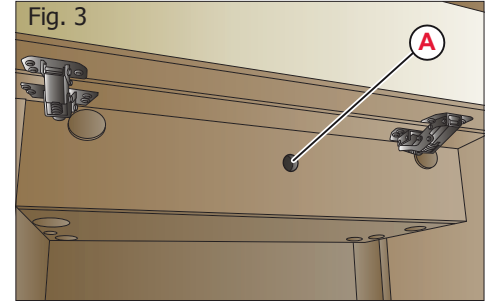
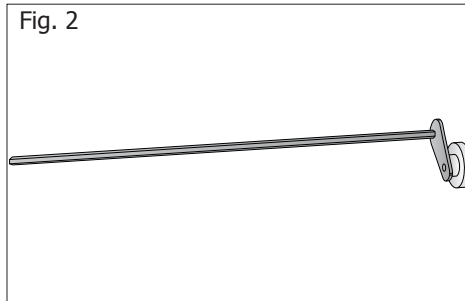
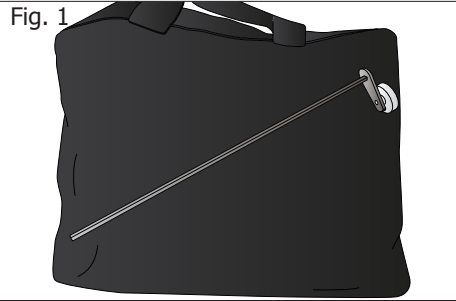
### PULL-DOWN BED 1 MANUAL MOVEMENT

#### Step 1

Take the rod for manually actuating the bed mechanism. The rod is delivered with the vehicle and is placed in the document pouch (Fig.1/Fig.2).

#### Step 2

Locate the bed motor compartment. It is placed in the front cabinets, on the right or left, according to the vehicle type and can be identified by a hole **A** in which the rod must be inserted (Fig.3/Fig.4).



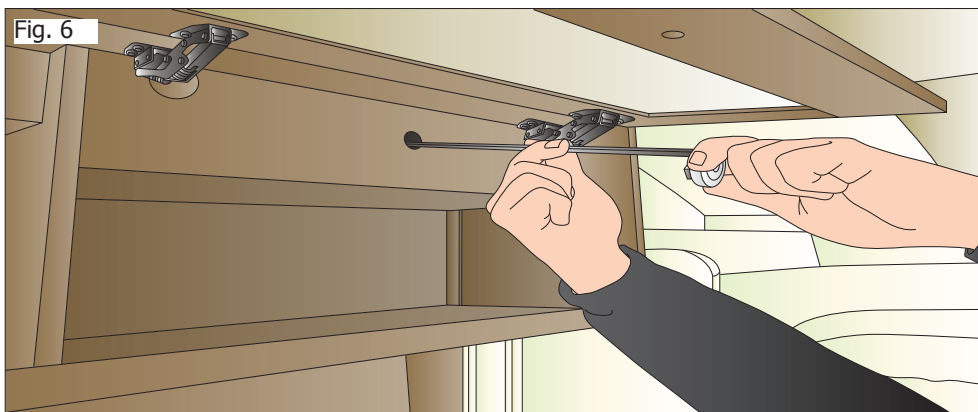
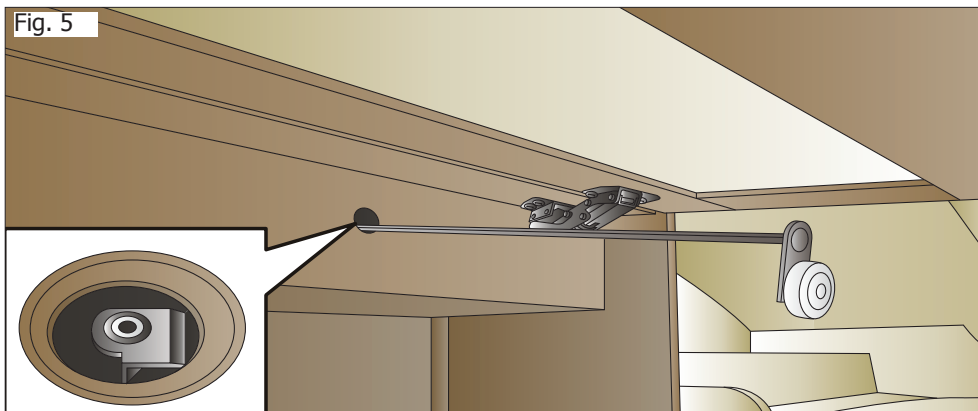


## *Living in your motorhome*

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### Step 3

Insert the rod, fit it in the hole on the motor and turn it: clockwise to move the bed up, anticlockwise to move the bed down.



### **PULL-DOWN BED 2 MANUAL MOVEMENT**

#### Step 1

Take the rod for manually actuating the bed mechanism. The rod is delivered with the vehicle and is placed in the document pouch (Fig.1).

Fig. 1

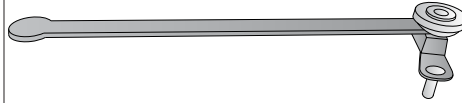
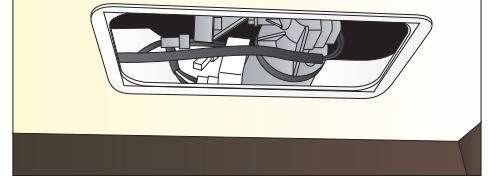


Fig. 3



#### Step 2

Locate the bed motor compartment. On some vehicles, it is arranged in the front area on driver's side (Fig.2).

Open the fabric line cover to access the engine compartment (Fig.3/ Fig.4).

Fig. 2

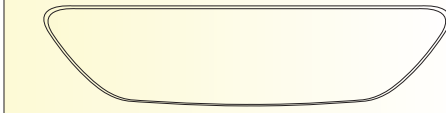
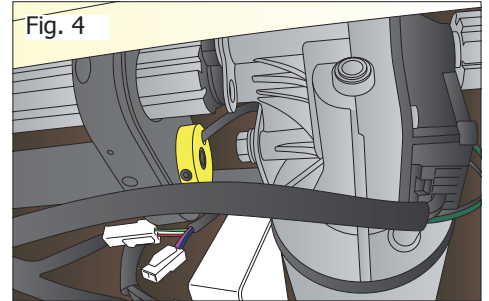


Fig. 4

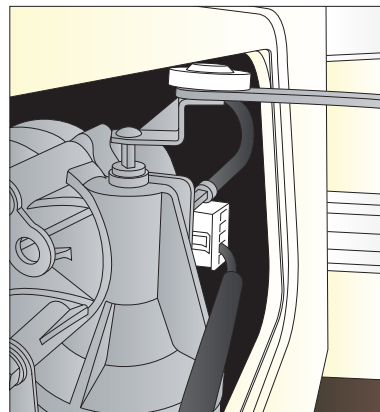
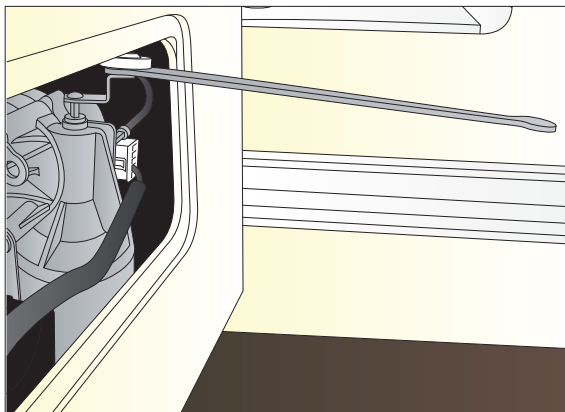


## *Living in your motorhome*

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### Step 3

Insert the rod, fit it in the hole on the motor and turn it: clockwise to move the bed up, anticlockwise to move the bed down.



### MANUAL PULL-DOWN BED

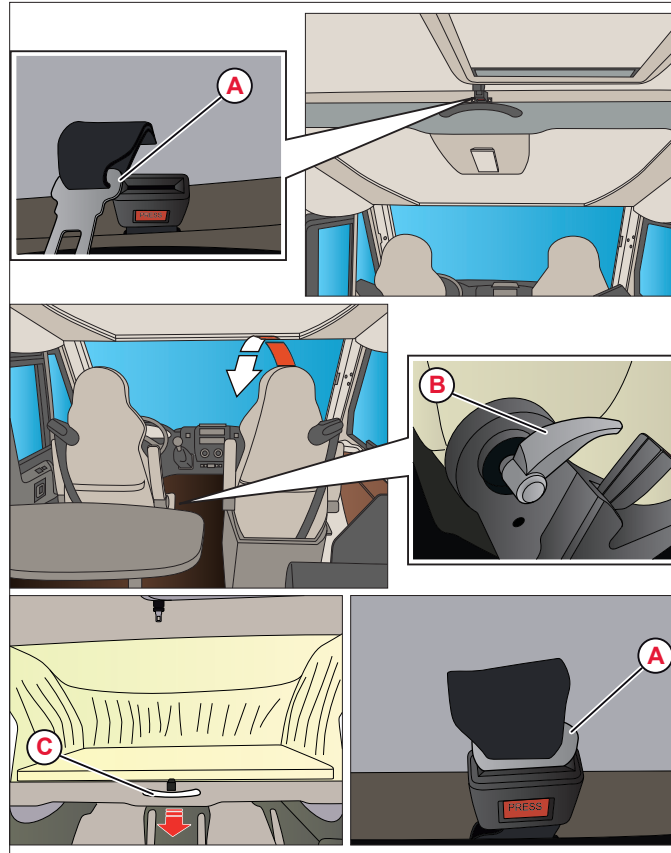
Release the seat belt **A** of the pull-down bed.

Then lower the driver and passenger seat using the lever **B** on the side of the seat. Lower the pull-down bed by gripping the handle **C**.



### CAUTION

Remember to secure the seat belt **A** again when putting the pull-down bed back.

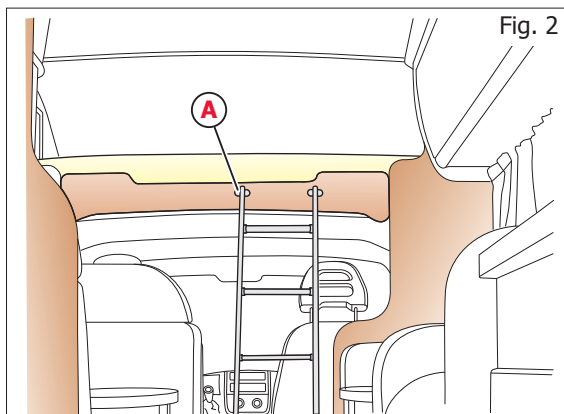
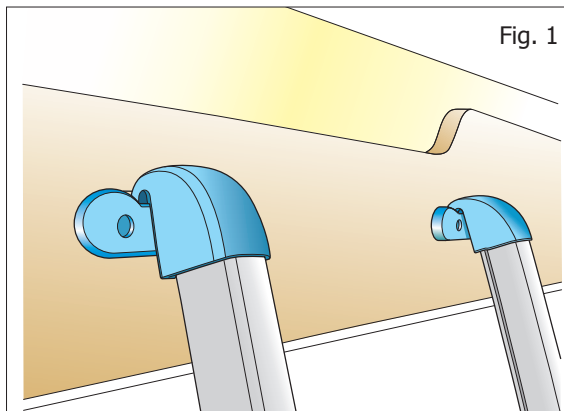


## Living in your motorhome

### BED ACCESS LADDERS

All vehicles with overcab beds, bunk beds, pull-down beds and garage beds are fitted with ladders. Depending on the model, the ladder can be used to:

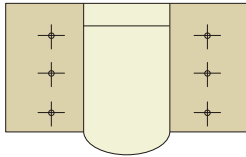
- Access the rear bed located above the garage.
- Access the overcab bed or bunk bed.
- To access the upper beds, hook the ladder (Fig. 1) to supports **A** located on the front of the area you want to access (Fig. 2).
- The ladder is stored inside the locker or garage.



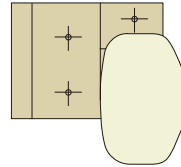
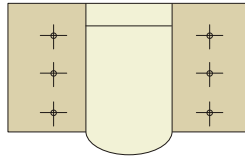
## Living in your motorhome

The index lists the types of dinette; the layout of the vehicle is shown for illustrative purposes and can change depending on the model.

DOUBLE DINETTE 1  
pages 95, 109, 112, 113, 114.



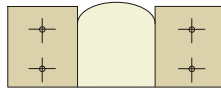
DOUBLE DINETTE 2  
pages 110, 111.



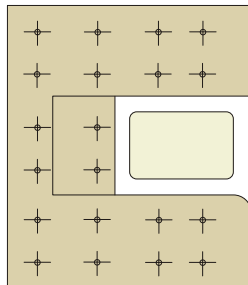
DOUBLE DINETTE 1  
pages 95, 109, 112, 113, 114.



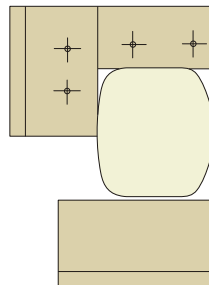
DOUBLE DINETTE 2  
pages 110, 111.



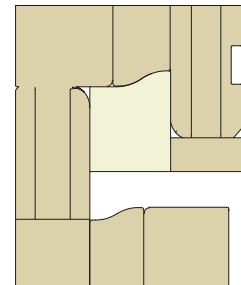
DINETTE LIVING  
WITH ARMCHAIR  
pages 101, 102.



"U" DINETTE  
page 100.

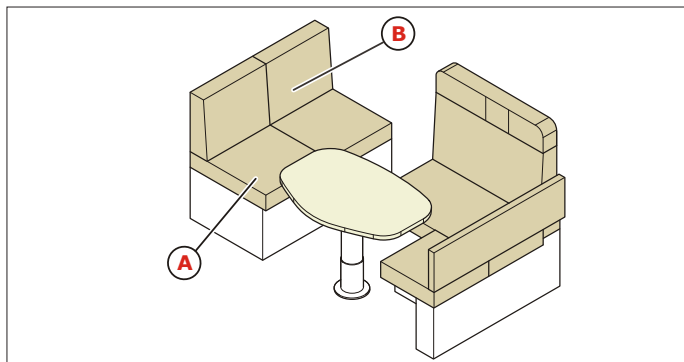


DINETTE LIVING WITH COUCH  
pages 91, 92, 93, 94, 103, 104, 105, 106, 107.

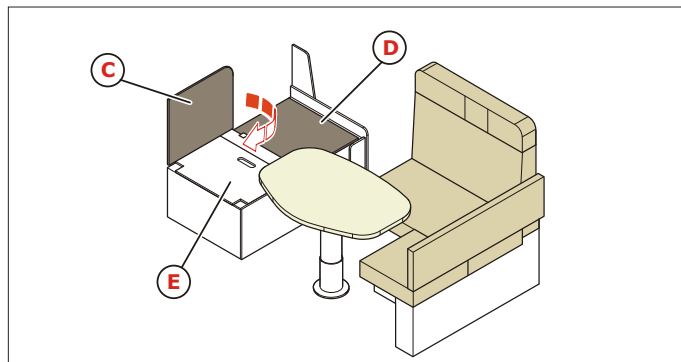


DOUBLE DINETTE 3  
page 108.

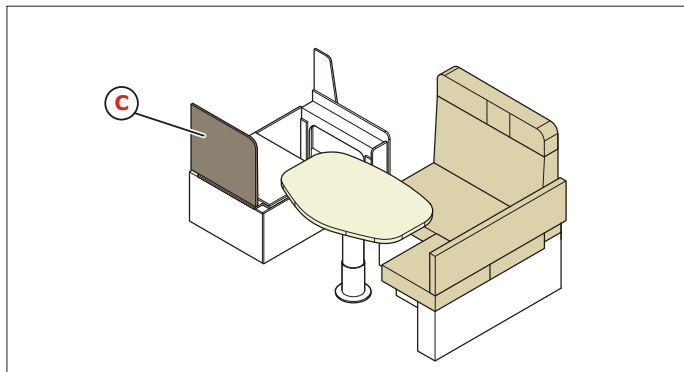
## Living in your motorhome



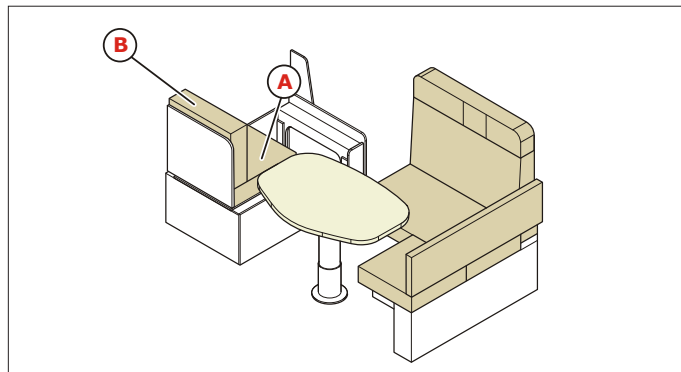
Remove cushions **A** and backrests **B**.



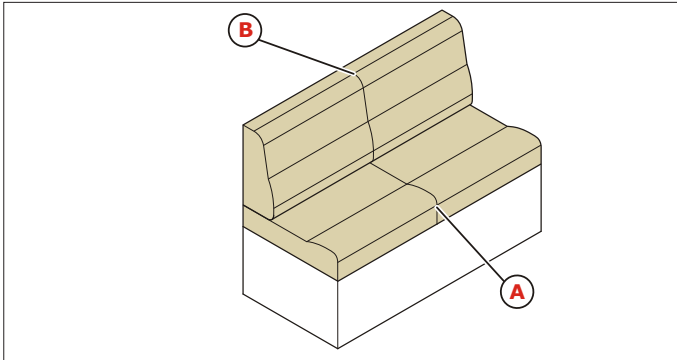
Turn the wall **C** and use the handles to lift and turn surface **D** by 180° under surface **E**.



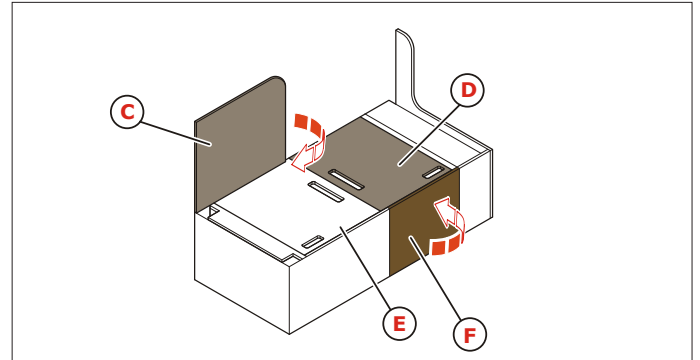
Check that the wall **C** is locked.



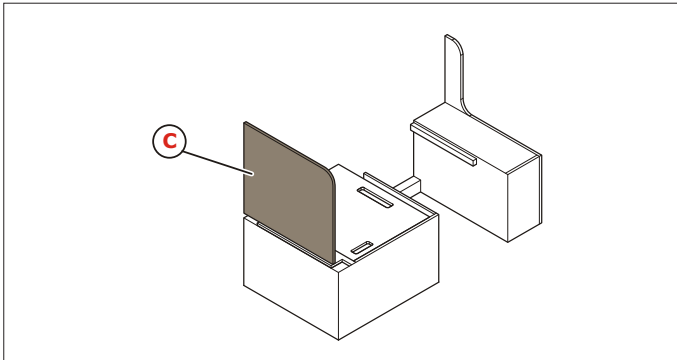
Position the cushion **A** and backrest **B**.



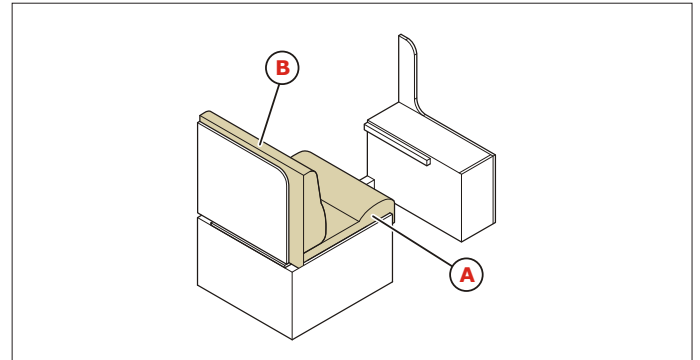
Remove cushions **A** and backrests **B**.



Turn wall **C**. Using the specific handles, turn surface **D** by 180° under surface **E** and turn panel **F** by 90°.



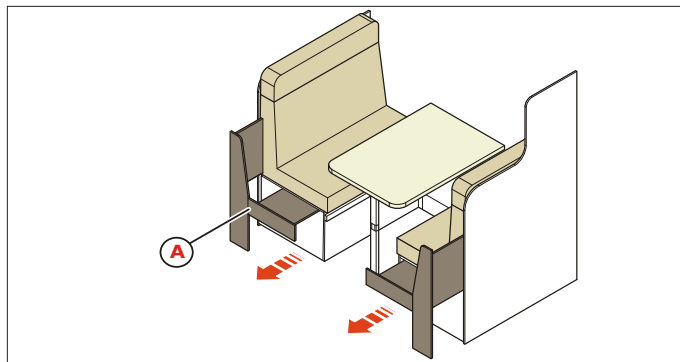
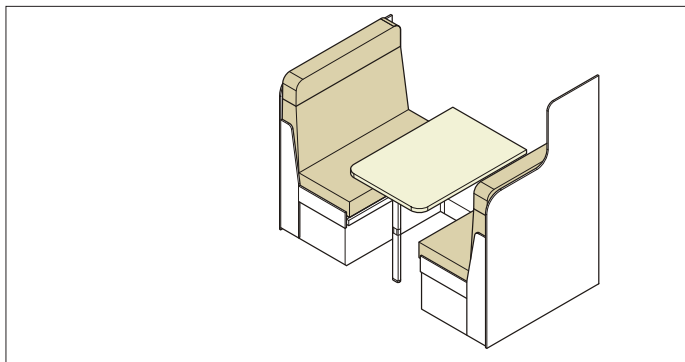
Check that the wall **C** is locked.



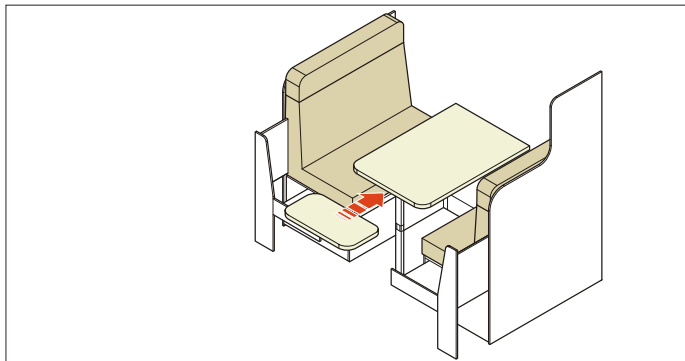
Position the cushion **A** and backrest **B**.



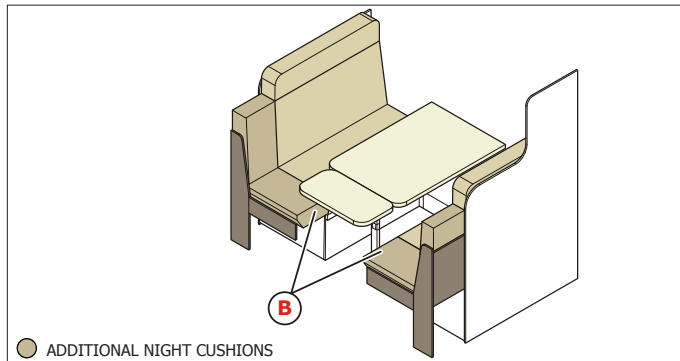
## Living in your motorhome



Extract from both dinettes extensions **A**.



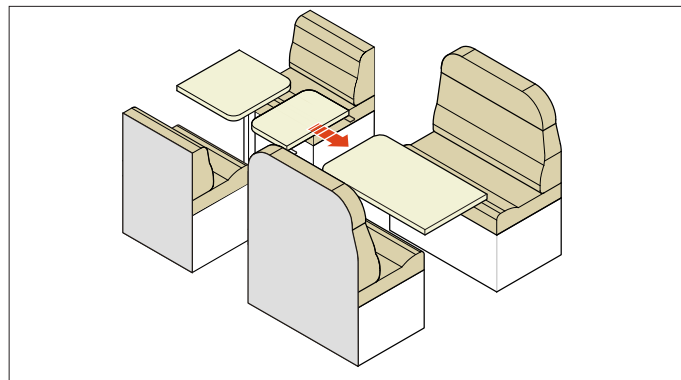
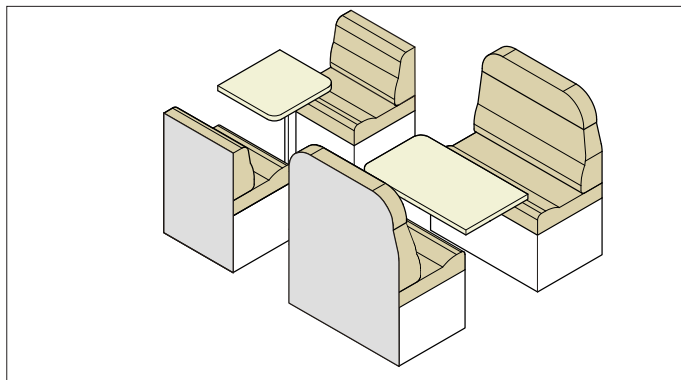
Add the table extension which is stored inside the cupboard.



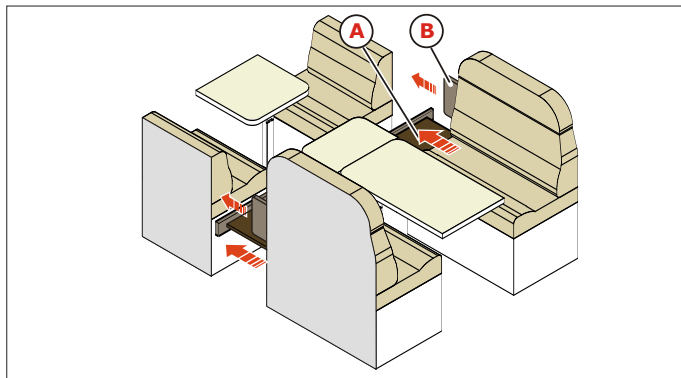
● ADDITIONAL NIGHT CUSHIONS

Position additional night cushions **B**.

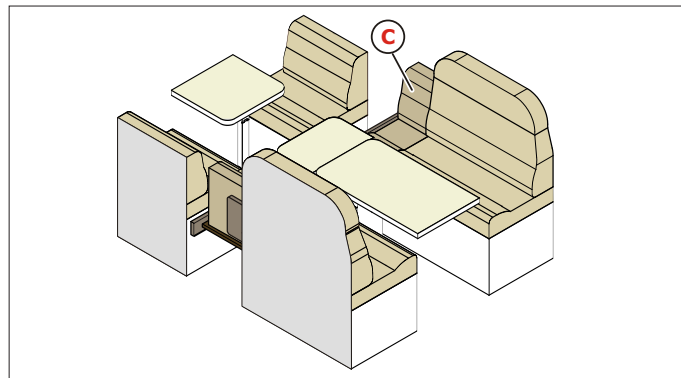
## Living in your motorhome



Add the table extension which is stored inside the cupboard.

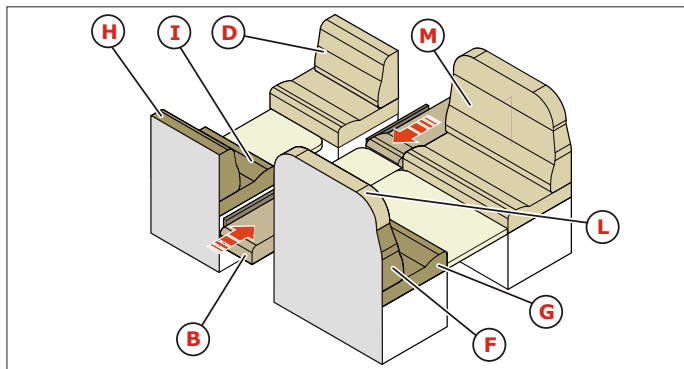


Extract from both dinettes extensions **A** and **B**.

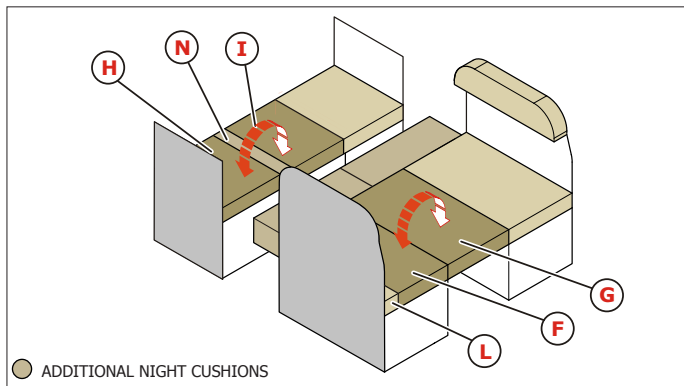


Position additional cushions and backrests **C**.

## Living in your motorhome

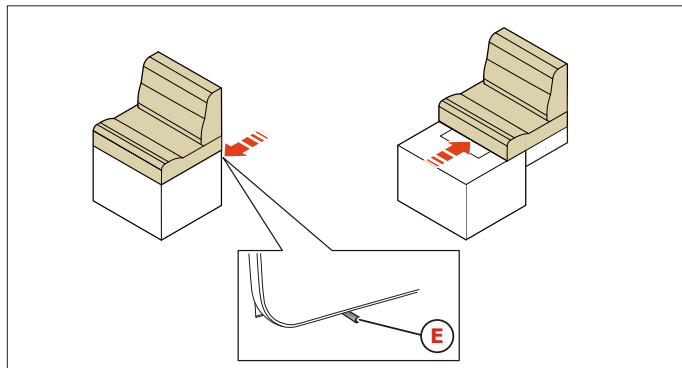


Remove backrest **D** and **M**. Push cushions **B** towards the centre of the dinette until they touch. Release the small dinette (see procedure **C**).



● ADDITIONAL NIGHT CUSHIONS

Position additional night cushions **N**, position backrest **F**, seat **G** and head rest **L**. Position backrest **H** and seat **I**. Invert the seats.

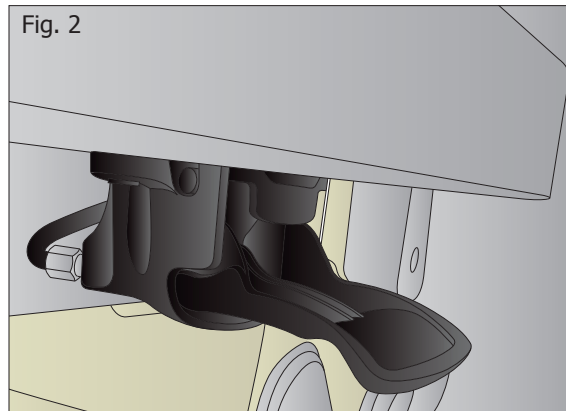
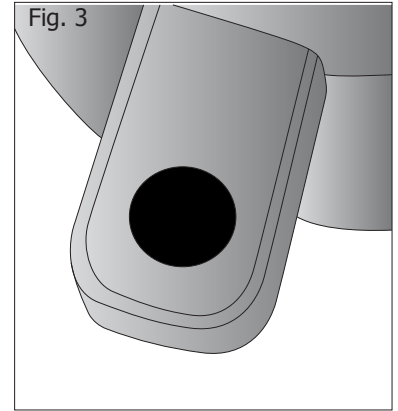
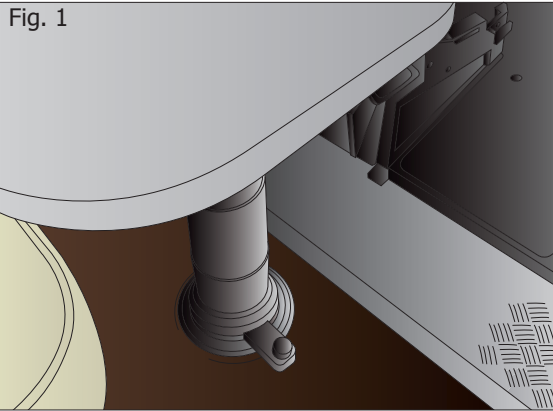


Procedure **D**. Raise lever **E** until the dinette is released. Slide the dinette to its end position.

### **CONVERTING THE DINETTE**

To convert the dinette from day configuration to night configuration, move the table to the lowest position as shown on the following pages.

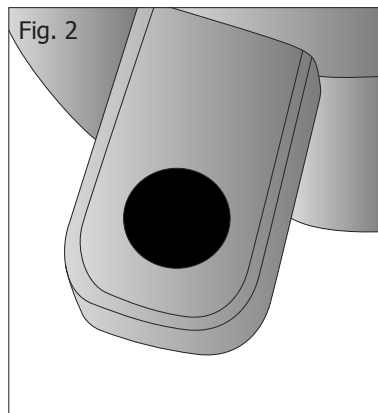
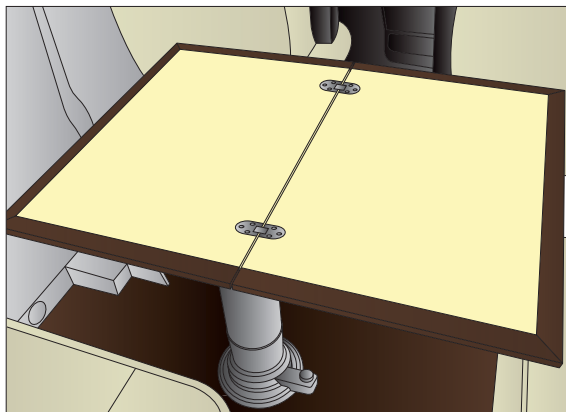
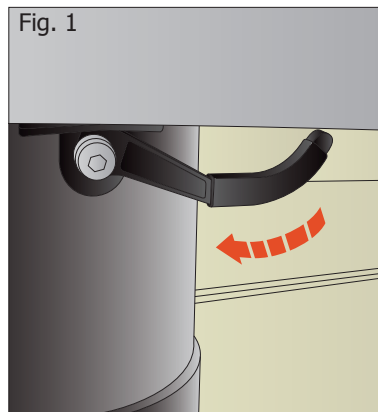
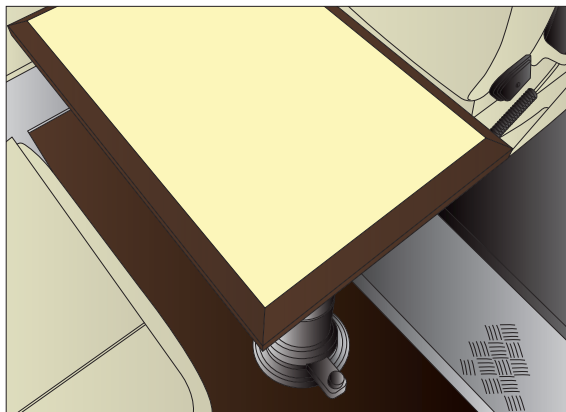
- Hold the handle (Fig. 2) pressed to release the table in vertical direction.
- Hold the button (Fig. 3) pressed and at the same time press the central zone of the table to lower it.



## Living in your motorhome

### CONVERTING THE DINETTE

- Move the handle (Fig. 1) in the sense indicated by the arrow to release it in vertical direction.
- Hold the button (Fig. 2) pressed and at the same time press the central zone of the table to lower it.



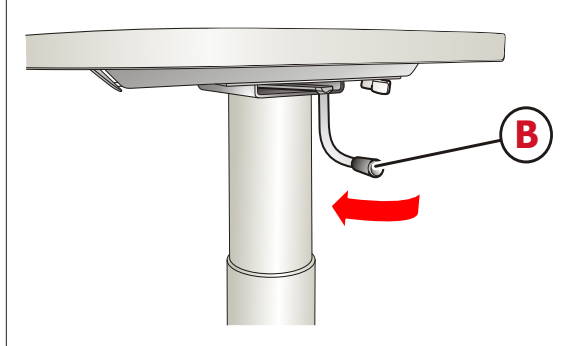
### CONVERTING THE DINETTE

- Release the lock lever **A** (fig. 1) to release in the crosswise direction.
- turn lever **B** (fig. 2) to release the table in the vertical direction.

Fig. 1



Fig. 2



## Living in your motorhome

### CONVERTING THE DINETTE

- Push button **A** (fig. 1) to fold the table leg.



#### CAUTION

The table illustrations are provided by way of example only. The actual tables may vary according to the model.

Fig. 1

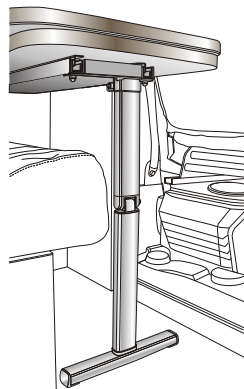
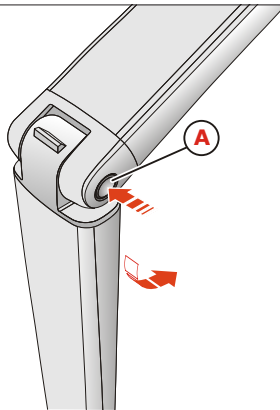
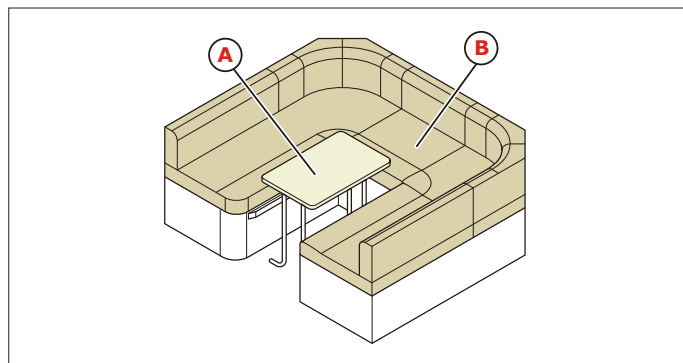


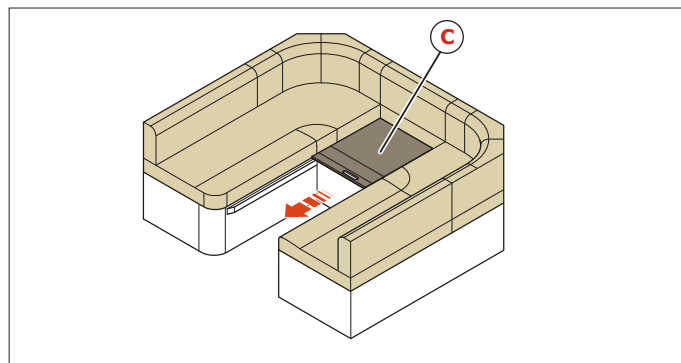
Fig. 2



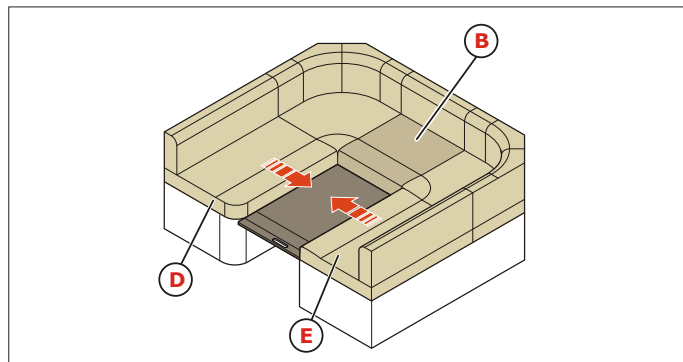
## Living in your motorhome



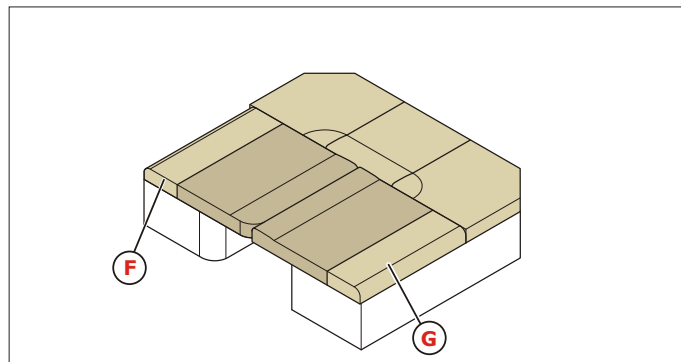
Remove table **A** and remove cushion **B**.



Rest support **C** between the two seats.



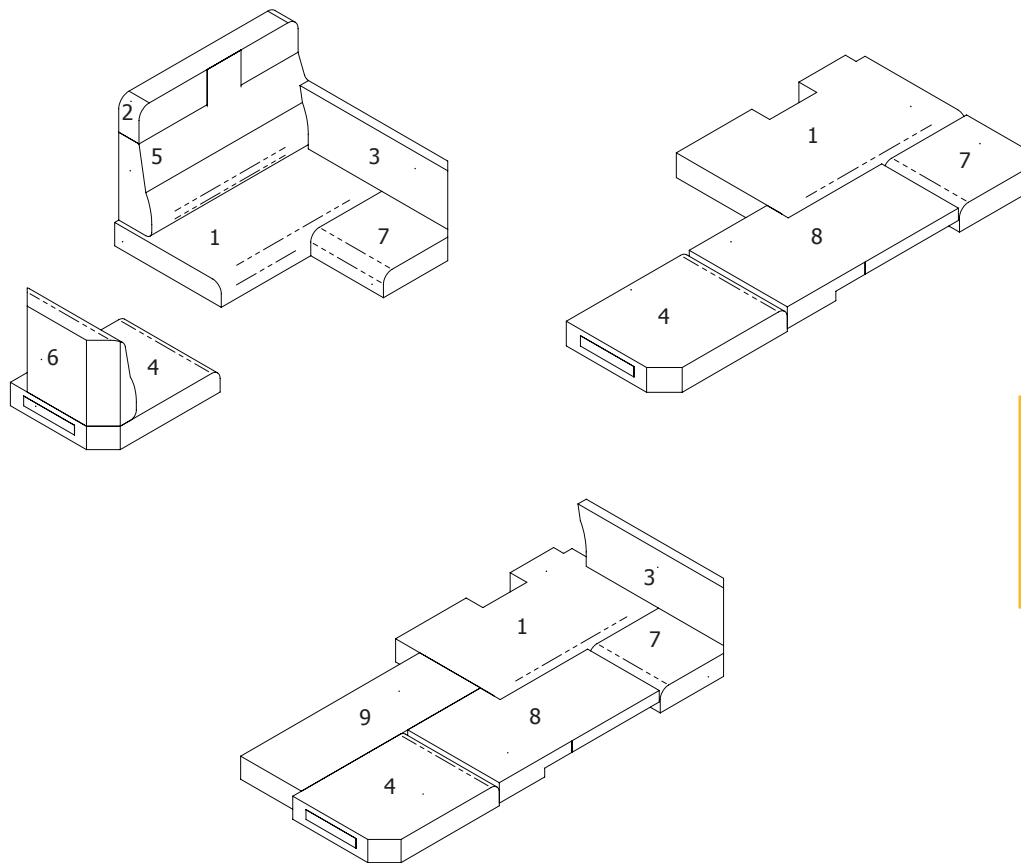
Slide the seats **D** and **E** towards the middle and position cushion **B**.



Position backrests **F** and **G** for form a flat surface.



## Living in your motorhome



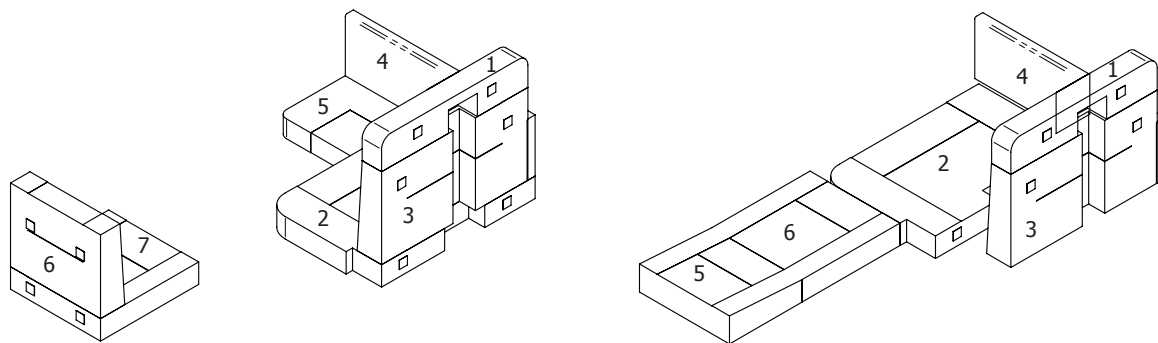
### CAUTION

The cushion design may be different according to the model.



### CAUTION

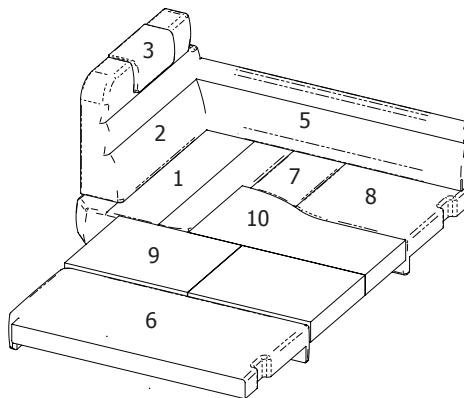
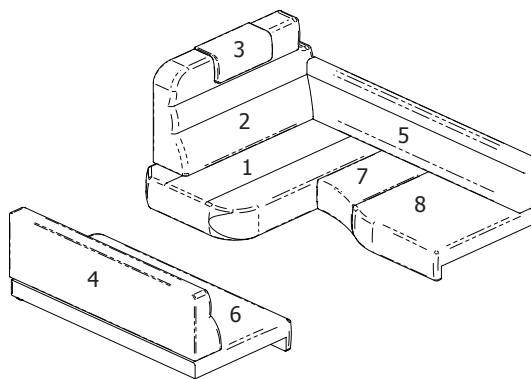
Some vehicles are provided with additional night extension.



**CAUTION**

The cushion design may be different according to the model.

## Living in your motorhome



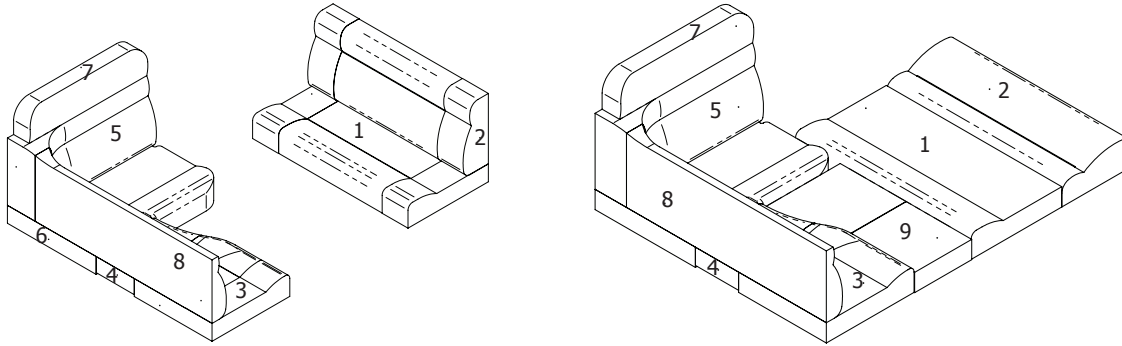
### CAUTION

The cushion design may be different according to the model.



### CAUTION

Some vehicles are provided with additional night extension.



### CAUTION

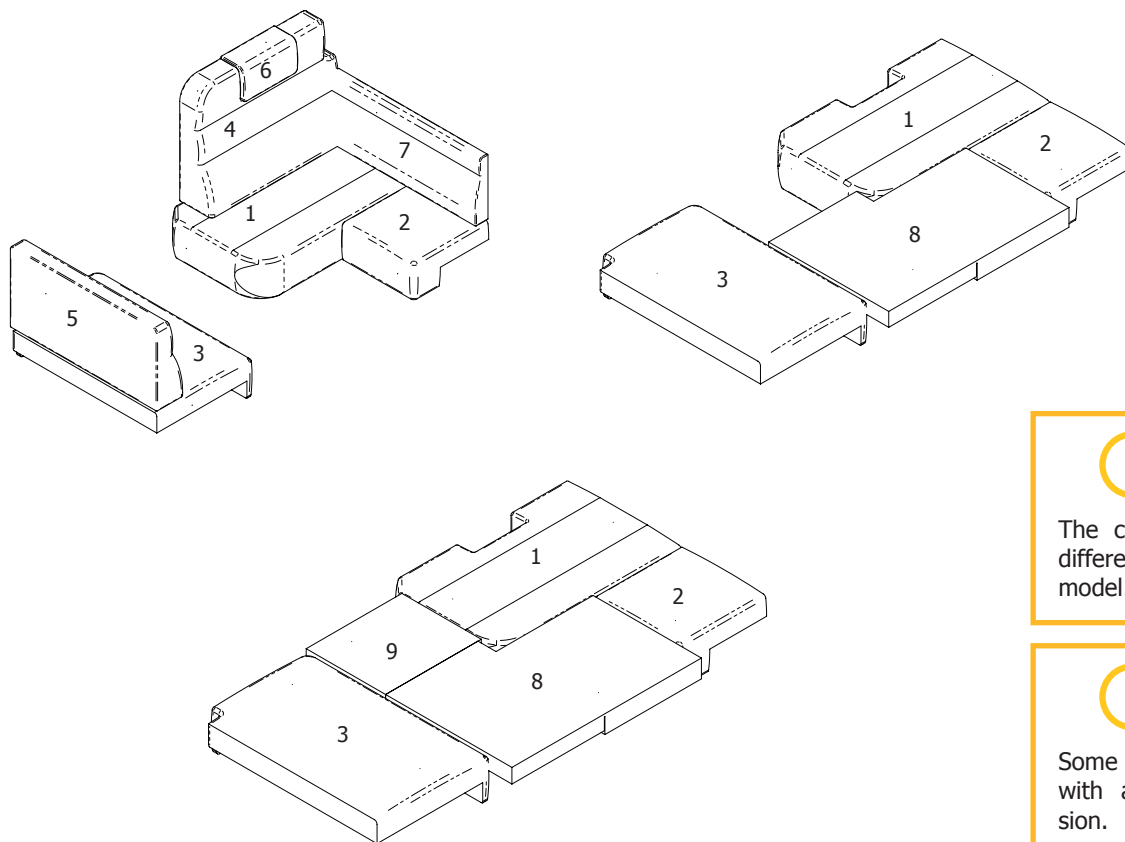
The cushion design may be different according to the model.



### CAUTION

Some vehicles are provided with additional night extension.

## Living in your motorhome



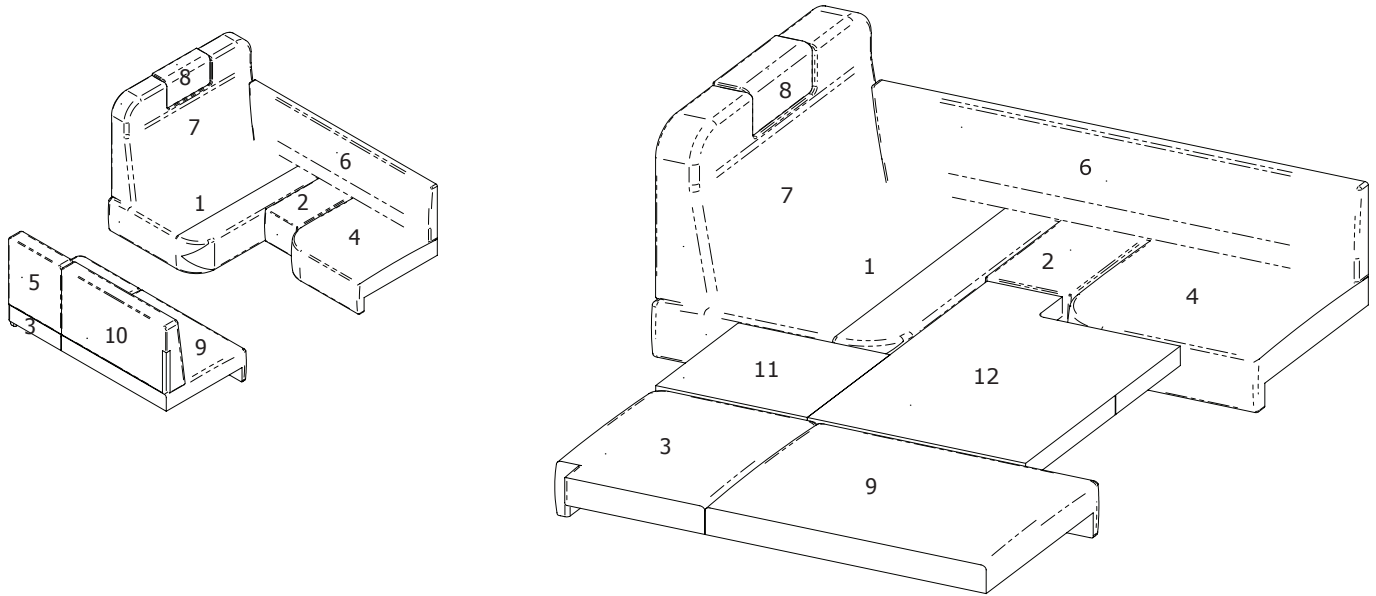
### CAUTION

The cushion design may be different according to the model.



### CAUTION

Some vehicles are provided with additional night extension.



### CAUTION

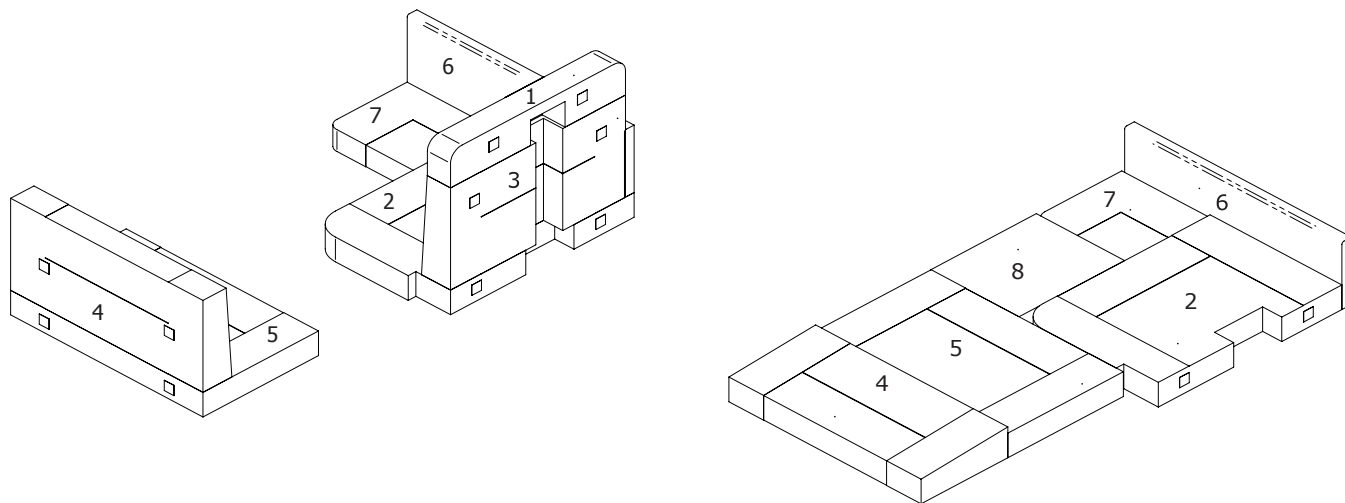
The cushion design may be different according to the model.



### CAUTION

Some vehicles are provided with additional night extension.

## Living in your motorhome



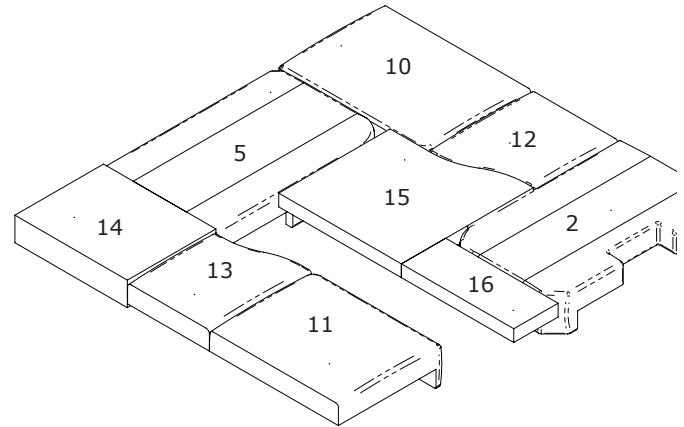
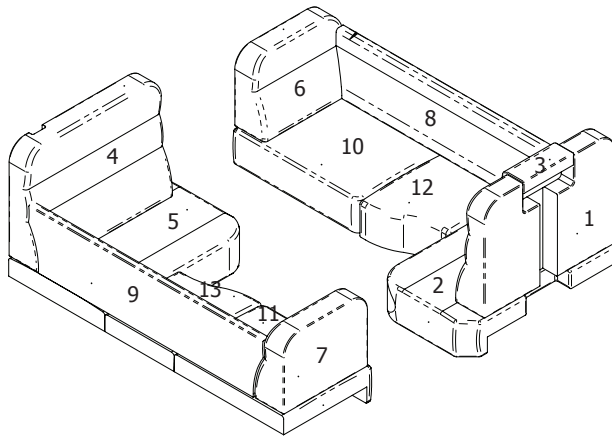
### CAUTION

The cushion design may be different according to the model.



### CAUTION

Some vehicles are provided with additional night extension.



### **CAUTION**

The cushion design may be different according to the model.



### **CAUTION**

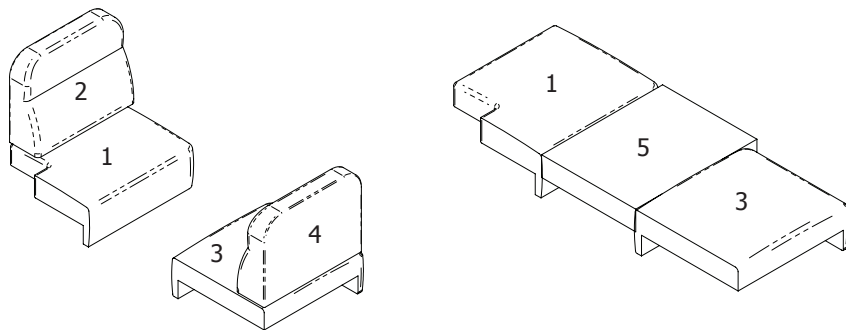
Some vehicles are provided with additional night extension.



## Living in your motorhome

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Lower the table and arrange the cushions as shown in the following drawing.



### CAUTION

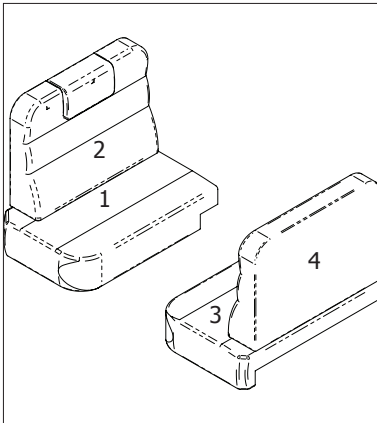
The cushion design may be different according to the model.



### CAUTION

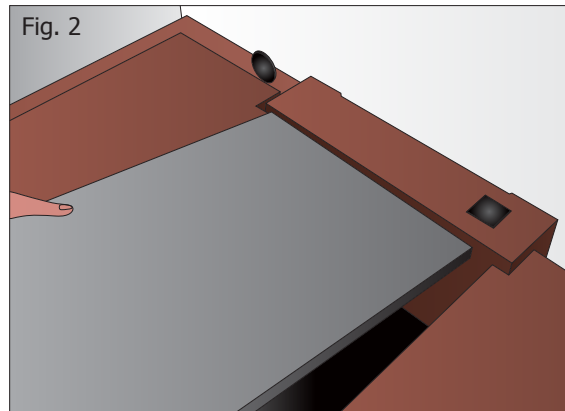
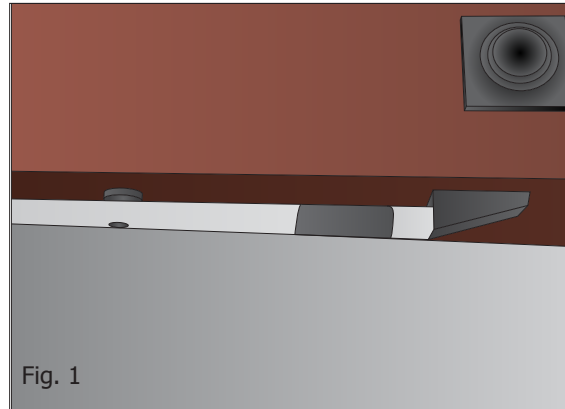
Some vehicles are provided with additional night extension.

Remove the cushions from the dinette, then using the specific attachments, position the table on the conveyor (fig.1/fig.2).



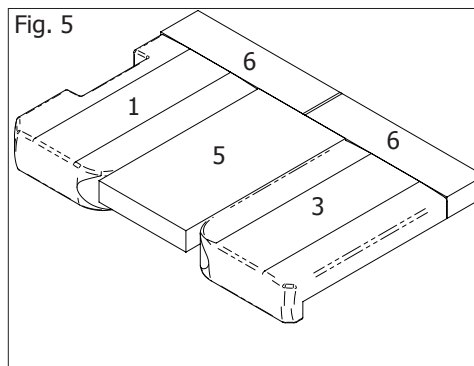
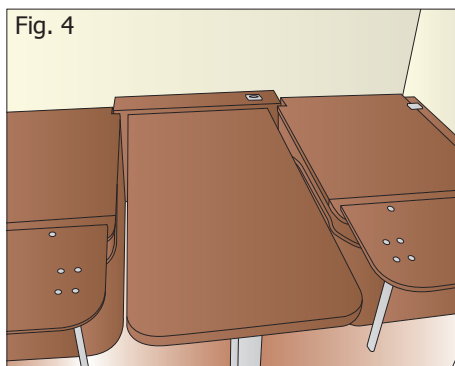
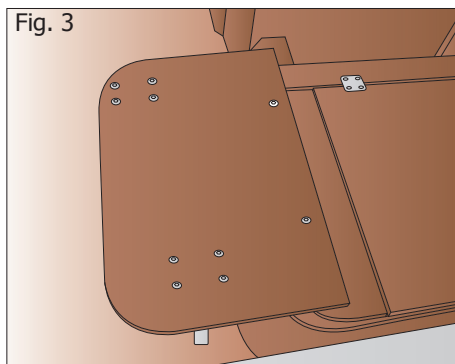
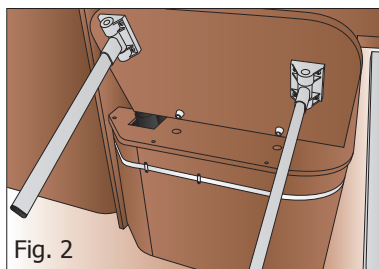
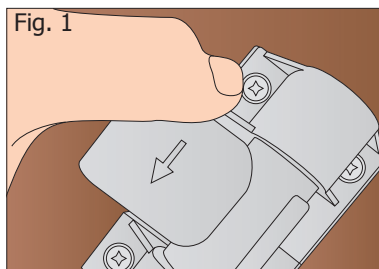
### CAUTION

The cushion design may be different according to the model.



## Living in your motorhome

Use the extensions to convert the dinette to night configuration. To open the leg of the extension, press in the direction shown by the arrow (fig.1) and open the leg at the same time. Position the extension as shown (fig.2)/(fig.3).

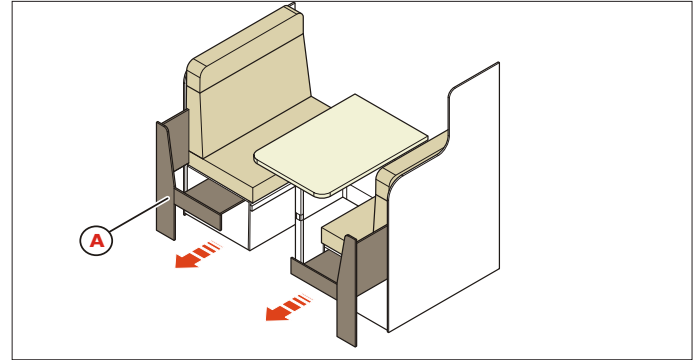
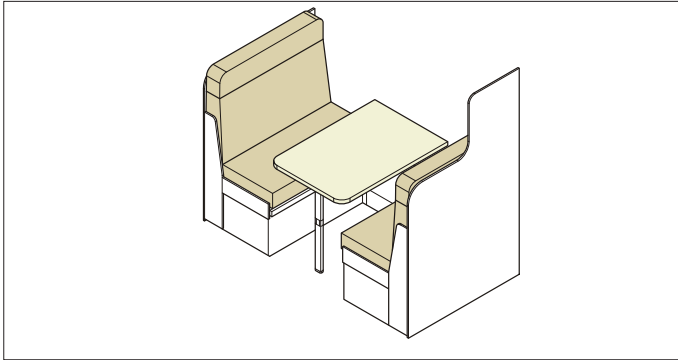


Once all the extensions (fig.4) are positioned, also arrange the cushions (fig.5) to obtain the dinette in night configuration.

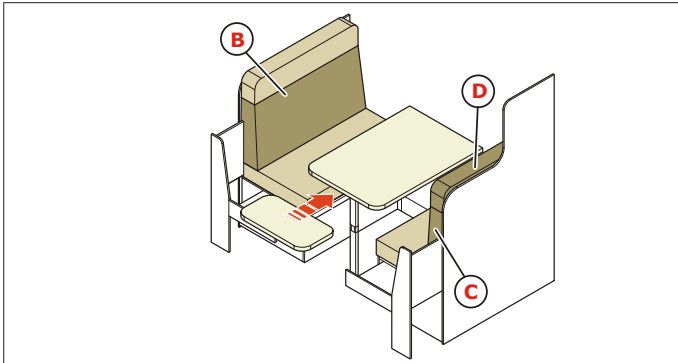


**CAUTION**

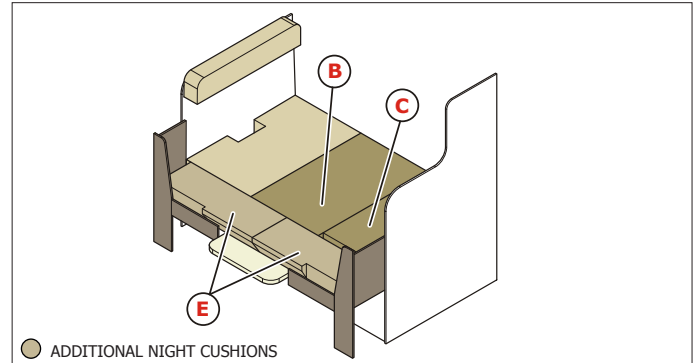
Some vehicles are provided with additional night extension.



Extract from both dinettes extensions **A**.

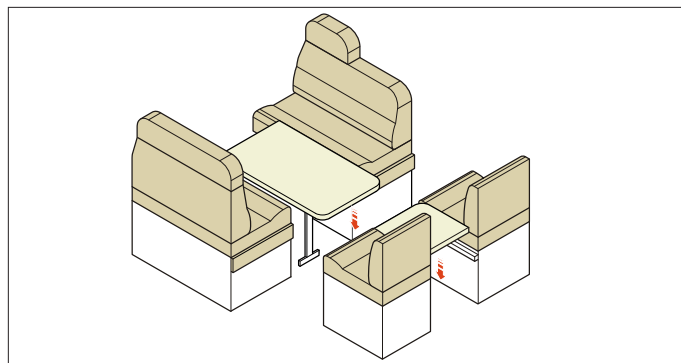
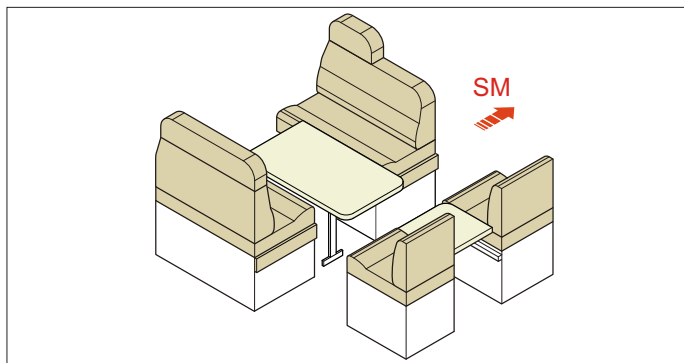


Add the table extension (stored inside the cupboard) and lower the table by pressing the specific button. Remove backrests **B** and **C** and head rest **D**.

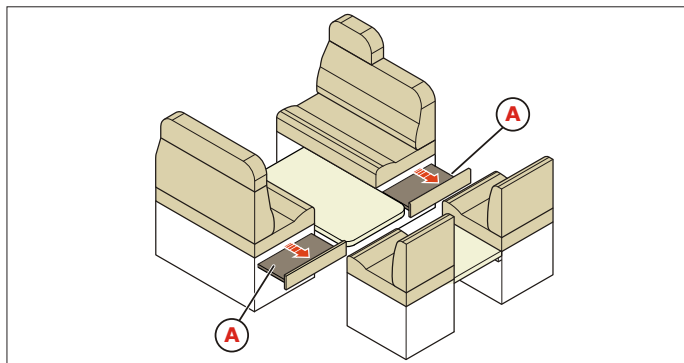


Position supplementary cushions **E**, backrests **B** and **C** and head rest **D** which must be positioned at the base of seat **C**.

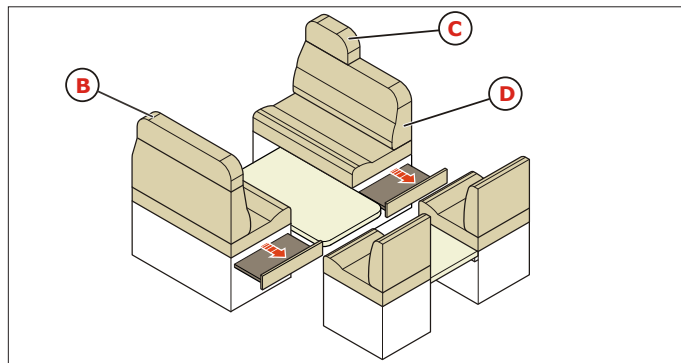
## Living in your motorhome



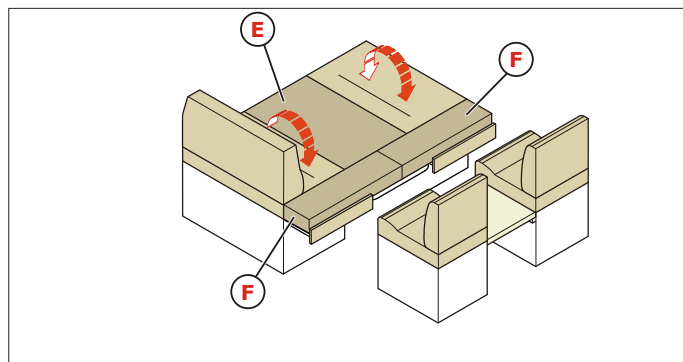
Lower both tables.



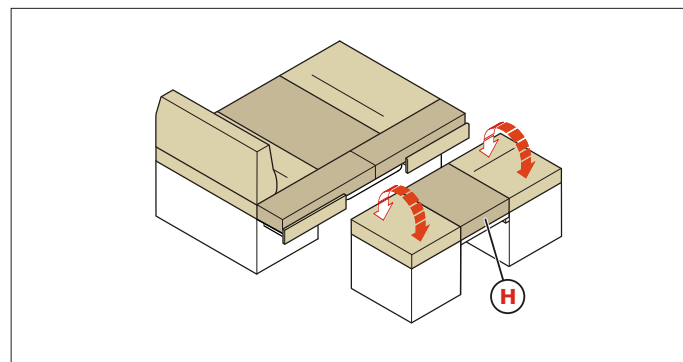
Extract extensions **A** from the dinettes.



Remove head rests **B** and **C** and backrest **D**.



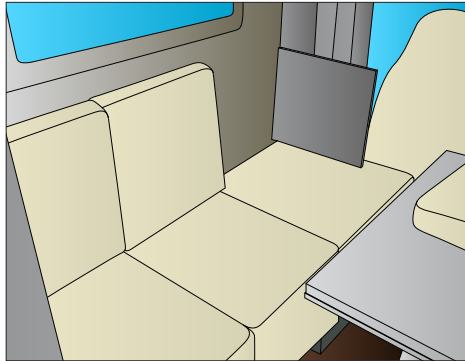
Position additional night cushions **E** and **F**, invert the seats. Remove backseats **G**.



Position additional night cushions **H**, invert the seats.

## *Living in your motorhome*

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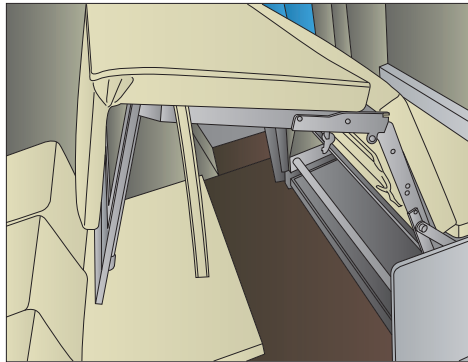
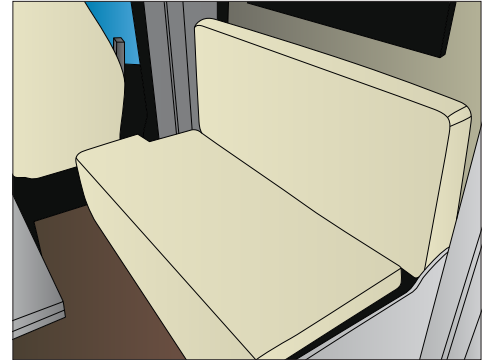
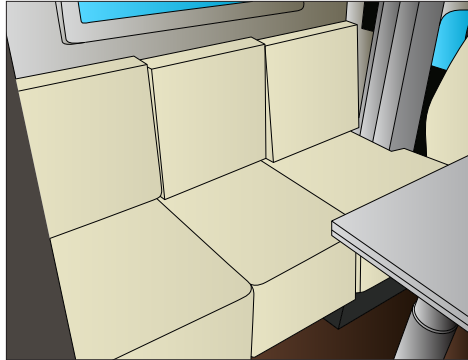
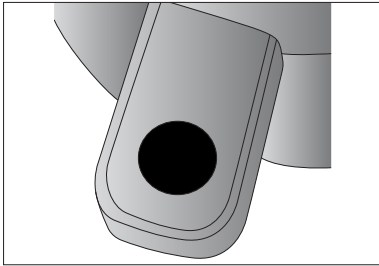


Remove the cushions and turn the wooden panel, as shown in the figure.



Remove the cushions and the backrests as shown in the figure to obtain the conversions for additional seat to be used while travelling.

Completely lower the table using the button positioned on the base of the table leg (see photograph below) and press the central part of the table at the same time. Then extract the pivoting bed from the sofa lifting it slightly upwards, as shown in the figure.





## Living in your motorhome

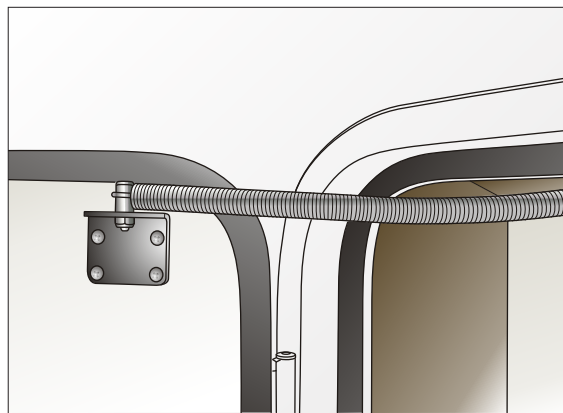
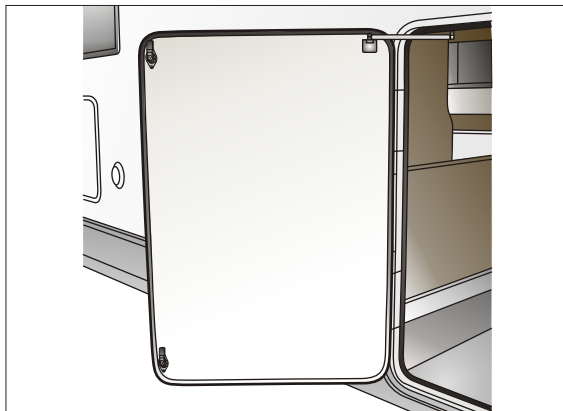
### REAR GARAGE

Some motorhome models have a rear garage locker opening out on both sides.

Some doors of the garage compartment are provided with a stop spring allowing the door to remain in the all open position. Simply apply a slight force to release spring to close it. The locker's ample loading capacity allows you to transport scooters and bicycles. Loading and unloading a scooter is made easier with an integrated or optional platform fitted on the floor inside the locker.

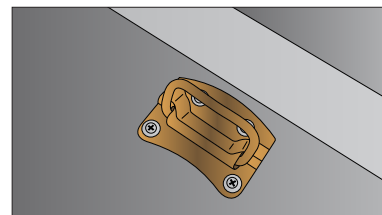
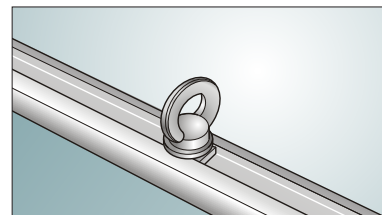
### GARAGE RETAINER RINGS

Retainer rings for securing large objects (motorcycles, boxes, etc.) are positioned on both sides of the garage on some models.



### ATTENTION

If you want to secure a scooter or motorcycle inside the garage locker without using a stand, fix it to the attachments in such a way that only certain points will come under stress. Use suitable straps. Never use elasticised ropes.



### **REGULATIONS ON THE USE OF THE GAS SYSTEM**

- The entire gas system must be turned off during travel in accordance with legal requirements. Also close the valve on the cylinder and all the taps (red) on the gas distribution unit located in the motorhome.
- Regularly check the gas tubes and connections. Have these checks performed by a workshop authorised by TRIGANO.
- Perform regular leakage checks of the tube connection to the portable gas cylinder. The gas tube must not indicate any cracks or porosity. Contact a workshop authorised by TRIGANO to replace the gas tube with a new approved tube by and not later than the date indicated on the tube.
- The gas system in your motorhome is supplied by one or more portable gas cylinders, connected to a pressure reducer.
- The system distributes gas to the following equipment: stove burners, oven, heating system, boiler and fridge.



#### **ATTENTION**

TRIGANO does not accept responsibility for tampering or modifications made to the original gas system.

Check conditions of the hoses on a regular bases and replace them with others of the type-approved type in all cases by the expiry date shown on the hose itself.

For external LPG supply, check that pressure is not lower than 0.3 BAR and not higher than 0.5 BAR



#### **CAUTION**

While the vehicle is moving, turn off all gas appliances, except those designed to operate while driving. Always close the main valve of the cylinders when the gas system is not in use.

## Living in your motorhome

### GAS CYLINDERS

Transfer the gas cylinders only into the appropriate ventilated storage compartment, which is accessible from outside the motorhome. Ensure that the air vents are always free.

- Secure the gas cylinders in the storage compartment in a vertical position so that they cannot rotate or overturn.
- Before removing the gas tube or regulator, close the main shut-off valve.
- Fit the ring nut on the cylinder pressure regulator manually; only use a wrench to close finally.

The gas is supplied by the external portable cylinders and is delivered to the equipment via the pressure reducer and a distribution unit to various taps, one for each piece of equipment. The taps are located inside the cupboard below the kitchen area.

- Each gas operated item is fitted with a safety valve with thermocouple which interrupts the supply of gas in the event that the flame is accidentally extinguished.

The dimensions of the garage locker vary from model to model. The minimum dimensions of the garage locker are:

Height	690mm
Width	700mm
Depth	390mm

It is advisable to use gas cylinders having the following maximum dimensions:

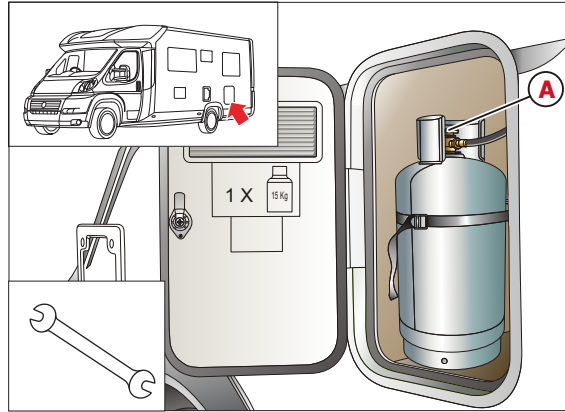
Height	600mm
Diameter	310mm



- The gas cylinder compartment is designed to contain one or two cylinders; the total weight of the cylinder(s) must not exceed 15 kg.
- In the event of gas leakage, aerate the compartment and immediately close the cylinder and then the gas distribution unit (in this order). Closing the cylinder will secure the gas leak. Contact the closest dealer to identify the leakage with precision and repair it.
- NEVER use gas operated equipment for uses other than those specified. (For instance, the gas burners must never be used to heat the interior of the motorhome; the heater must never be used to cook or heat food.)

### HOW TO REPLACE THE GAS CYLINDERS

- Do not smoke or ignite any flame when replacing the gas cylinders.
- Close the main valve of the gas cylinder **A**. Turn the handle in the direction indicated by the arrow.
- Turn the ring nut of the pressure regulator clockwise and remove the regulator from the valve on the cylinder.
- Release the fastening strap and remove the gas cylinder from the storage compartment.
- Position the new gas cylinder in the compartment. Secure the cylinder with the fastening strap.
- With every gas cylinder change, replace the gasket of the pressure regulator with a new one provided with the new cylinder.



- Screw the pressure regulator onto the main valve of the cylinder and fit the ring nut on the gas regulator.

### **CAUTION**

It is essential that the gas cylinder outlet is fitted with a 30 Mbar pressure regulator with fixed calibration and MAXIMUM capacity of 1 kg/h, as well as a connection fitting compatible with the tap present on the gas cylinder, conforming to standard EN 12864. Installation must comply with EN 1949.

If you use your motorhome during winter, ensure that the cylinder contains propane gas which does not freeze in low temperatures.

If the gas freezes, the supply is blocked and the burners and heating will not function. The ring nut of the pressure regulator has a left-handed thread; fit it by turning anti-clockwise.

## Living in your motorhome

### SMOKE AND CARBON MONOXIDE DETECTOR

Some vehicles are provided with smoke and carbon monoxide detectors. The devices are positioned on the wall or roof of near the entrance door.

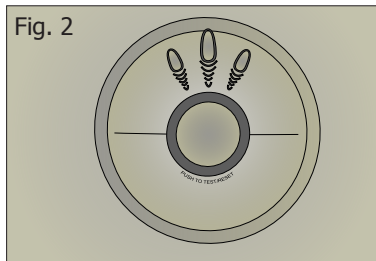
Fig. 1



The carbon monoxide detector (Fig.1) warns if the gas amount exceeds the permitted limit. The device will blink with green light once a minute when the batteries are connected to indicate that it is working.

Check operation of the alarm and of the device by holding the button pressed for one second: the alarm should sound and the indicator should light up red. The smoke detector (Fig.2) warns if the smoke amount exceeds the permitted limit. The LED of the device will blink once a minute when the batteries are connected to indicate that it is working. Check operation of the alarm and of the device by holding the button pressed for approximately three seconds: the alarm should sound and the LED should start blinking rapidly.

Fig. 2



#### ATTENTION

Refer to the manual of the device fitted on the vehicle.



#### CAUTION

It is advisable to check operation of the carbon monoxide and smoke detectors once a week. The devices will generate an alarm every minute to indicate that the batteries are nearly flat and must be replaced. It is advisable to replace the batteries of both devices once every 12 months.



#### ATTENTION

The carbon monoxide detector has a maximum working life of 7 years.

### RULES ON THE USE OF THE ELECTRICAL SYSTEM

#### ELECTRICAL CONTROL UNIT BOARD



#### Commands:



Internal lights on/off indicator



Button with indicator for turning pump on/off



External lights on/off indicator

#### Displays:



This symbol appears when the 230V supply is present



This symbol appears when the motorhome is travelling and the two batteries are coupled when connected to the 230 V socket and the service battery is charged



This symbol turns on when a diverter NE 185 fuse has blown



Press this button to display the internal temperature (IN); press it once again to display the external temperature (OUT). If "OPT" (optional) appears, the external temperature sensor is not present. If the temperature sensor is faulty, " - " will appear. The display will remain visible for about 30 seconds.



Press this button several times to display in % the level of the relative tank identified by symbols S1, R1, R2. If S1 is empty or R1, R2 are full, the display will flash. If the connection to the tank is faulty, "----" will appear. The display will remain visible for about 30 seconds.



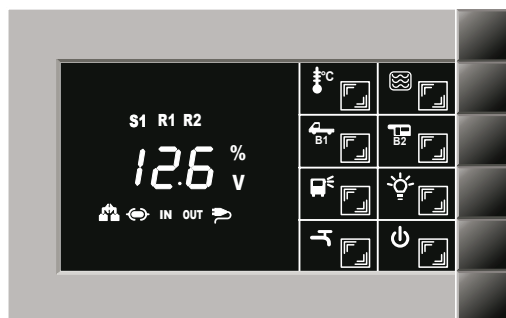
Push this button once to display the service battery B2 voltage; press it once again to display in % the remaining battery charge. The display will remain visible for about 30 seconds.



Press this button once to display the voltage of the start-up battery B1; press it once again to display in % the remaining battery charge. The display will remain visible for about 30 seconds.

### RULES ON THE USE OF THE ELECTRICAL SYSTEM

#### ELECTRICAL CONTROL UNIT BOARD



#### Commands:



Internal lights on/off indicator



External lights on/off indicator



This symbol appears when the 230V supply is present



This symbol appears when the motorhome is travelling and the two batteries are coupled



Button with indicator for turning pump on/off

#### Displays:



This symbol turns on when a diverter NE 185 fuse has blown



Press this button to display the internal temperature (IN); press it once again to display the external temperature (OUT). If "OPT" (optional) appears, the external temperature sensor is not present. If the temperature sensor is faulty, " - " will appear. The display will remain visible for about 30 seconds.



Press this button several times to display in % the level of the relative tank identified by symbols S1, R1, R2. If S1 is empty or R1, R2 are full, the display will flash. If the connection to the tank is faulty, "---" will appear. The display will remain visible for about 30 seconds.



Push this button once to display the service battery B2 voltage; press it once again to display in % the remaining battery charge. The display will remain visible for about 30 seconds.



Press this button once to display the voltage of the start-up battery B1; press it once again to display in % the remaining battery charge. The display will remain visible for about 30 seconds.

### RULES ON THE USE OF THE ELECTRICAL SYSTEM

#### ELECTRICAL CONTROL UNIT BOARD



#### Commands:



Internal lights on/off indicator



External lights on/off indicator



Button with indicator for turning pump on/off



Press to activate or deactivate the WIFI connection (if the WIFI NE315 module is installed)

#### Displays:



This symbol appears when the 230V supply is present



This symbol appears when the motorhome is travelling and the two batteries are coupled



This symbol appears when the alarm clock is enabled with the time shown below



This symbol appears when the remote WIFI connection is active (if the WIFI NE315 module is installed)

#### Function buttons:



Press this symbol to open and close the settings menu



Press this symbol to confirm the selection



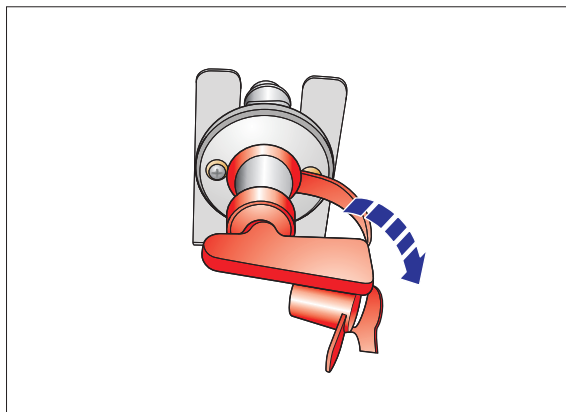
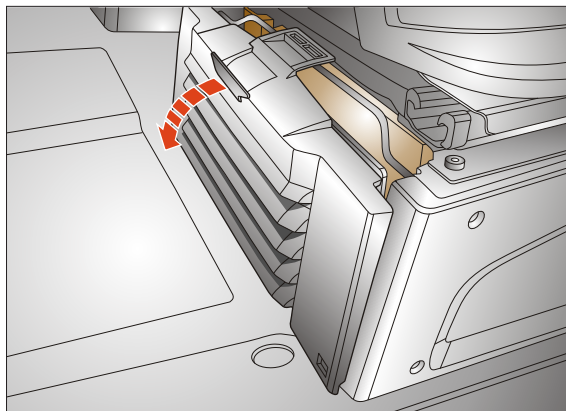
Press these symbols to navigate the settings menu and view the service battery, engine battery, tank and service battery charging/discharging current levels



## Living in your motorhome

### BATTERY CUT-OFF BUTTON

This device disconnects the battery power to system equipment. This enables you to prevent the battery from being discharged by power absorption by electrical parts not being used. The battery cut-off button is located under the driver or passenger seat.



### ATTENTION

- Any intervention on the electrical system must only be performed by personnel of workshops authorised by TRIGANO.
- All electrical equipment, radio telephones, LCD televisions, DVD readers, etc. subsequently installed in the motorhome and used while travelling, must have specific characteristics: EC mark, EMC (electromagnetic compatibility) and E1 tested. Perfect functioning during travel can only be guaranteed if these requirements are met.

### 12V POWER SUPPLY

- The service battery supplies power at 12V. Depending on the model, it is positioned in an appropriate compartment inside the vehicle.
- The service battery powers the equipment inside the living space of your motorhome, providing electricity to equipment such as the fridge, control unit, heaters, etc., as well as accessories and lights.
- The electrical parts related to the chassis and cab are powered by the vehicle's own battery.
- Both batteries are recharged when travelling by the alternator.
- In order to prevent the vehicle battery from being discharged by the equipment used when the engine is off, a relay disconnects the batteries from one another and turns off the fridge, which will switch to gas if set to automatic mode. This function is specifically intended to ensure that the vehicle battery has enough power to start.
- You can check the battery charge by consulting the electronic control unit.

### 230V MAINS POWER SUPPLY

- Naturally your motorhome can also be connected to the 230V mains power supply. All equipment can be freely used and the power supply is protected by a 30 mA safety switch.



### CAUTION

- Of all the appliances, the fridge exhausts the auxiliary battery the quickest and, therefore, should be switched off when the engine is not running. If you cannot connect to the mains power supply, it is advisable to use energy inside the vehicle economically since the battery's power supply is limited.
- On vehicles with inverter (e.g. with coffee maker), the inverter must only be used if the service battery voltage is higher than 12.1 volt.



### ATTENTION

Any intervention you wish to make on the electrical distribution panel must be performed with the fuse switch on "0" or "OFF".

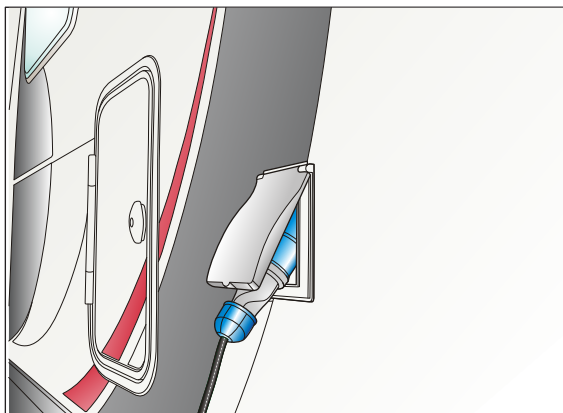
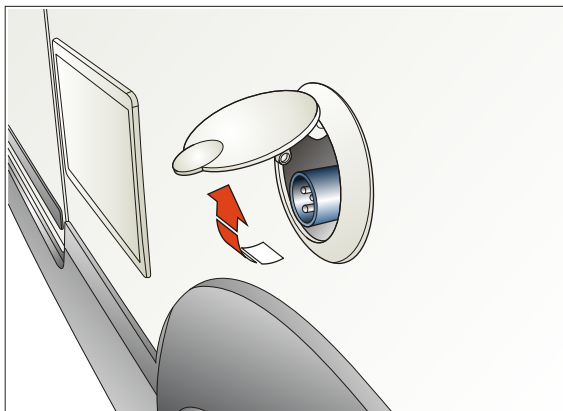
The vents inside the vehicle must be used only for the dedicated appliances.

Appliances plugged to an inside socket cannot be used outside.

## Living in your motorhome

### EXTERNAL CONNECTION TO THE 230V MAINS POWER SUPPLY

- The mains connection cable (not supplied with the vehicle) must have specific characteristics.
- The plug and the socket must have an earth contact in compliance with standard CEI 23-12.
- The cable must be flexible and type H07 RN-F or equivalent.
- The power feeder, transformer or battery charger, is located between the external power plug connector and the service battery. The power feeder is operated by connecting it to the external mains power supply. It is responsible for recharging the battery and feeding low voltage equipment, transforming the external mains supply voltage of 220V AC to the value required for recharging.
- The power feeder is fitted with an internal safety fuse against overheating. Once the optimal battery charge is reached, current flow is regulated to avoid boiling.

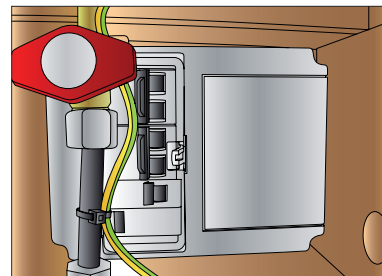


### 230V DISTRIBUTION BOARD

- If the safety switch trips to "0" or "OFF", it is advisable to identify the cause of the fault before re-connecting the power.
- Check the control unit panel and always check the battery charge, in particular, whether recharging is taking place correctly.

### TANK PROBES

- We recommend that you do not leave water in the tank for long periods, in particular, grey water. This may damage the probes.



### BATTERIES

- The service battery should be disconnected if you do not intend to utilise the vehicle for an extended period of time. Simply disconnect the appropriate quick-release clamp.
- If the battery must be replaced, use only sealed, maintenance-free batteries, specifically AGM or lead gel "Le Piombo GEL" batteries. No intervention on such batteries is permitted.
- If replacing the battery, always have a dealer or authorised workshop perform the operation.
- Even when using maintenance-free batteries, it is always advisable to read the manufacturer's instructions, in particular, regarding the recharge time, which generally should not be less than 10 hours in the event that the battery becomes fully discharged.
- It is good practice to fully recharge the service battery every 4 to 5 months.
- We advise you to start your motorhome and run the engine every 2 to 3 months in order to maintain the battery in good condition.
- Before setting off on a journey, check the charge of the auxiliary battery, even if it will be recharged while travelling. The duration of the journey may not be sufficient to fully recharge the auxiliary battery. It is, therefore, advisable to connect to the mains power supply as soon as possible.
- You can check the battery charge directly on the control unit; the value must not be lower than 12.5V.
- A fully discharged battery reaches the value of 12.5V only after it has been connected to the mains power supply for 12 hours.



#### CAUTION

The auxiliary battery must be replaced with one of the same type and specifications as the one originally installed and specified by the manufacturer. Switch off all accessories and lights before connecting or disconnecting the auxiliary battery.



#### ATTENTION

If a battery is kept discharged for a long period of time, it may permanently lose its capacity to be recharged. Remember that the higher the external temperature, the faster the battery will become discharged. The same applies to very low ambient temperatures.



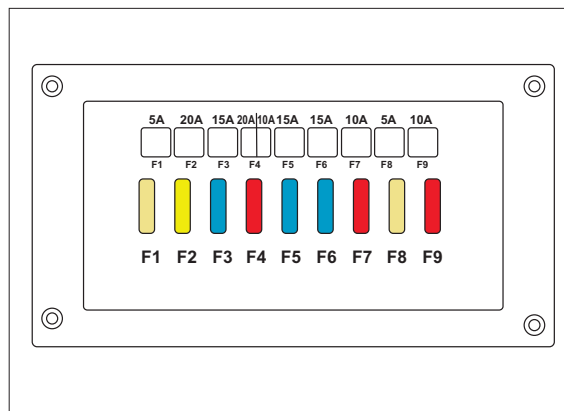
#### CAUTION

- Starting the engine with the service battery disconnected may cause a short circuit.
- If a battery is left discharged for more than six months, it will be irreparably damaged and will permanently lose its capacity to be recharged.

# Living in your motorhome

## FUSES

- Ensure that when you replace a blown fuse, the device to which it is connected is turned off. Replace with an original fuse with the same value and colour.
- Finding the cause of a blown fuse is not easy or possible in all cases. We recommend that you consult an electrician or a trusted dealer if the replaced fuse blows again.



- F1** Fuse 5A Side market lights
- F2** Fuse 20A Fridge
- F3** Fuse 15A Step (if present)
- F4** Fuse 20A/10A Webasto (20A) or Combi (10A)
- F5** Fuse 15A Light Group 1
- F6** Fuse 15A Light Group 2
- F7** Fuse 10A Fridge, boiler, water pump
- F8** Fuse 5A Courtesy lights and external light switch
- F9** Fuse 10A Heater, WC, gas, etc.



### CAUTION

Replace a blown fuse only after you have identified the cause.

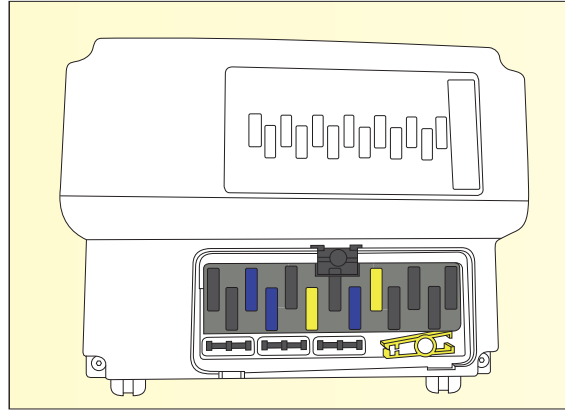


### CAUTION

The main fuses of the motorhome are grouped in the fusebox protected by a plastic cover which may be located on the front of the dinette on driver's side or passenger's side according to the model.

### FUSES

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- F1** Light Group 1
- F2** Light Group 2
- F3** Fuse 10A Compressor refrigerator
- F4** Fuse 15A AES refrigerator
- F5** Fuse 5A Side marker lights



#### CAUTION

Replace a blown fuse only after you have identified the cause.



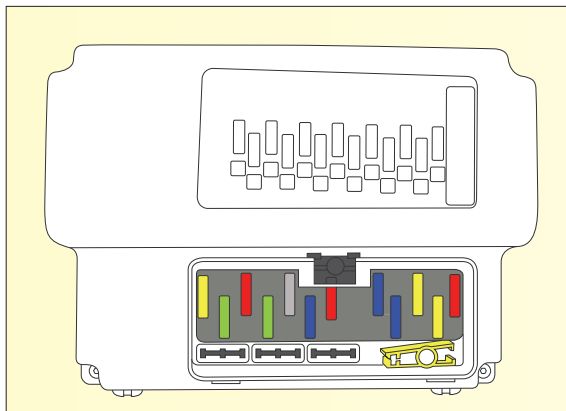
#### CAUTION

The main fuses of the motorhome are grouped in the fusebox protected by a plastic cover which may be located on the front of the dinette on driver's side or passenger's side according to the model.

## Living in your motorhome

### FUSES

- Ensure that when you replace a blown fuse, the device to which it is connected is turned off. Replace with an original fuse with the same value and colour.
- Finding the cause of a blown fuse is not easy or possible in all cases. We recommend that you consult an electrician or a trusted dealer if the replaced fuse blows again.



- F1** Fuse 5A Starter battery for powering side markers
- F2** Fuse 20A Starter battery for fridge and solar panel
- F3** Fuse 10A Service battery
- F4** Fuse 20A/10A Webasto (20A) or Combi (10A) and solar panel fuse
- F5** Fuse 10A 12V power
- F6** Fuse 15A Step power
- F7** Fuse 25A Pull-down bed
- F8** Fuse 1A Combi panel
- F9** Fuse 15A Light Group 1
- F6** Fuse 15A Light Group 2
- F11** Fuse 5A Courtesy lights and external light switch
- F12** Fuse 5A Ignition (wc, gas, etc..).
- F13** Fuse 10A Boiler and pump switch for powering pump



#### CAUTION

Replace a blown fuse only after you have identified the cause.

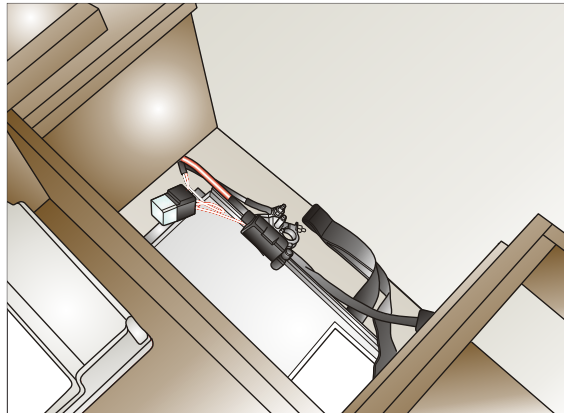
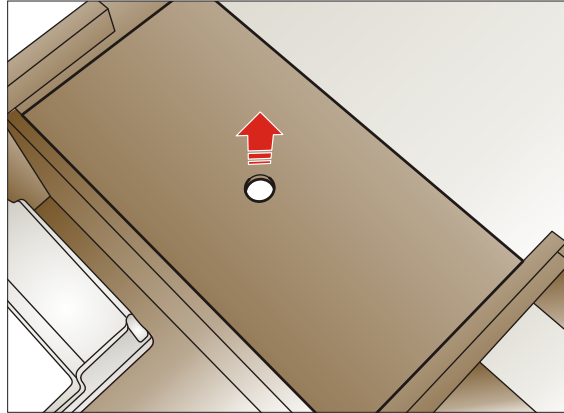


#### CAUTION

The main fuses of the motorhome are grouped in the fusebox protected by a plastic cover which may be located on the front of the dinette on driver's side or passenger's side according to the model.

### MAINTENANCE AND CHARGING THE AUXILIARY BATTERY

- The service battery compartment may be arranged in different positions according to the vehicle configuration; it may be on the right or left side in the chair or sofa closest to the driving cab.
- The most common positions are in an appropriate compartment inside the vehicle, or under the driver or passenger seat depending on the model.
- The battery may be arranged in the required position by accessing the lower rear part of the seat and slanting the battery forwards. If this operation is particularly difficult, dismantle the seat to position the battery.
- Check on the presence of the cables (red and black) and the battery fixing plate.



- Before purchasing an auxiliary battery, we recommend that you evaluate its size and compare it with the compartment in which it is to be installed.
- With the exception of 230V sockets, the auxiliary battery powers all the electrical equipment in the living area of your motorhome (this excludes the cab and chassis).



## *Living in your motorhome*

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### **CHARGING THE BATTERIES**

- The service battery can be recharged in two ways other than while travelling: connecting the vehicle to the mains power supply or by means of an external charger.
- In the second case, we recommend that the battery is dismantled.
- If you wish to dismantle or replace the battery, remember to first disconnect the negative pole and then the positive pole.

### **CONSERVATION OF BATTERIES DURING WINTER**

- During winter batteries quickly lose their charge. If possible, periodically connect the power supply cable to the mains electricity supply to renew the charge.
- When re-installing the battery, proceed in the reverse order, first connecting the positive pole and then the negative pole.



### **CAUTION**

The compartment where to house the auxiliary battery may be in the chair or sofa closest to the driving cab on the right or left side or under the driver or passenger seat.

### WATER SYSTEM

All our vehicles are equipped with a water system to distribute drinking water from the storage tanks to the various facilities. Activate the water system with the water pump button located on the control unit.

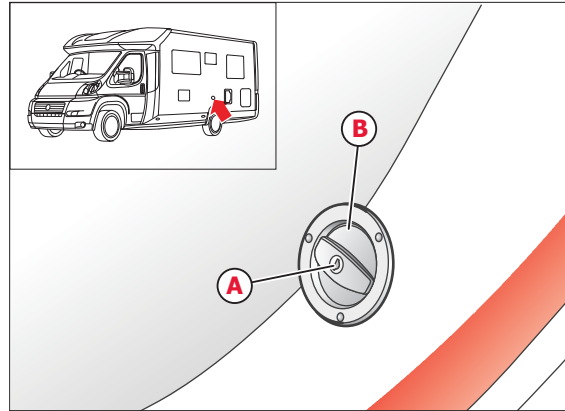
### CLEAN WATER TANK

The clean water tank is filled externally via the appropriate inlet which can be on the right-hand or left-hand side of the motorhome depending on the model.



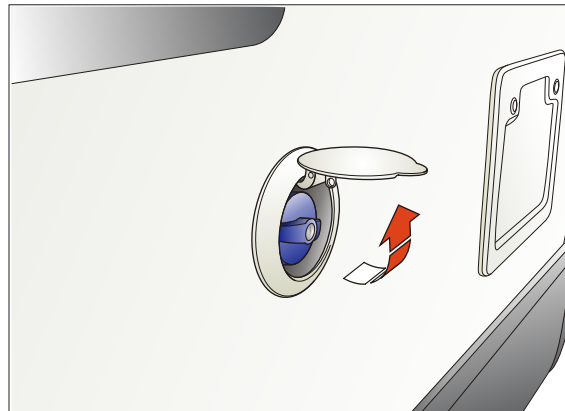
#### ATTENTION

Any intervention on the water system must only be performed by personnel of workshops authorised by TRIGANO.



### WATER FILLING INLET

- A flap is fitted on some models to access the water filling cap.
- A water filler cap is provided on some models.
- Insert the key into lock **A**, turn anti-clockwise and remove the key.
- Turn handle **B** anti-clockwise to remove the cap.
- Fill the tank.
- Repeat the same procedure in reverse to close the inlet.



#### TIPS

- Clean the tank periodically to avoid deposits. Use purifying products, such as weak bleach.
- Do not use products that are harmful to your health.

## Living in your motorhome

- The tank is fitted with a probe which signals the water level on the control panel. You need to consider your water consumption if you are to have enough water for two to three days for four people.



### ATTENTION

The water contained in the clean water tank is not to be considered drinkable.



### ATTENTION

To increase the payload, the clean water tank must contain 20 litres while travelling.



### ATTENTION

Water contained in the tank loses its hygienic characteristics after a few days, even with additives. We recommend that you do not use this water for cooking. It is good practice to change the water frequently after internally cleaning the tank with a disinfectant.



### TIPS

We advise you to empty the tank completely when you are not using your motorhome.



### ATTENTION

Before using the motorhome, flush the tank and tubes well with potable water, pour water through the filling inlet and flush the water out by leaving the bathroom and kitchen taps open. The tank has an internal inlet for you to use in this case (see chapter on maintenance).

WATER SYSTEM PROBLEM SHOOTING		
PROBLEM	CAUSE	SOLUTION
The pump does not start when you open the tap	The water tank is empty	Fill the tank
	The battery is flat	Check the battery charge and, if necessary: <ul style="list-style-type: none"><li>• Connect to the 220 V mains power supply if available</li><li>• Turn on the engine and travel a distance to allow the battery to recharge</li></ul>
	The contacts are oxidised	Clean the pump contacts thoroughly
	The fuse has blown	Check the fuse panel and replace the damaged fuse if necessary
	The cable is disconnected	Check that the power supply cable to the pump is connected properly
The pump starts when the taps are closed	The shut-off valve is leaking	Contact a workshop authorised by TRIGANO to replace the valve
	There is a water leak in the system	Check the tubing and contact a workshop authorised by TRIGANO if you detect a leak
	The pump is damaged	Contact a workshop authorised by TRIGANO to check and replace the pump if necessary
The pump does not stop when the taps are closed	The pressure switch is faulty	Contact a workshop authorised by TRIGANO to check and replace the switch if necessary
	There is a water leak in the system	Check the tubing and contact a workshop authorised by TRIGANO if a leak is detected
	There is air in the system	Open all the taps to accelerate charging the system

## Living in your motorhome

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WATER SYSTEM PROBLEM SHOOTING		
PROBLEM	CAUSE	SOLUTION
Water does not flow from the taps	The water tank is empty	Fill the tank
	There is air in the tubing	Open all the taps to accelerate charging the system
	The tap is blocked	Verify by opening another tap and contact a workshop authorised by TRIGANO if necessary
	The water tube is bent	Place the tube in the correct position. In any event, contact a workshop authorised by TRIGANO for a replacement tube
	The filter is blocked	Clean the filter following the instructions provided in the User and Maintenance manual of the pump manufacturer
	The tube is frozen	Heat the tube to defrost

### GREY WATER TANK

- The motorhome is equipped with a grey water tank (excluding WC) under the body. The water level of the tank is shown on the control unit panel. The level in the tank can be checked using the control unit.



#### CAUTION

Do not pour water used to cook pasta down the drains. The high content of starch and grease will form deposits in the tank and result in unpleasant odours.



#### CAUTION

To avoid possible problems with the grey water tank in winter or in very low temperatures, add anti-freeze in the proportions indicated on the product's packaging. Pour it into the tank through one of the sink drains.



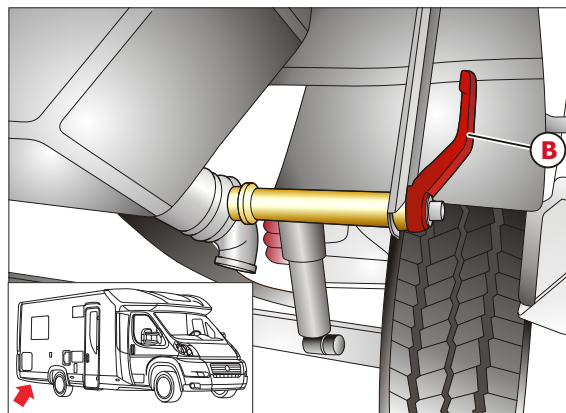
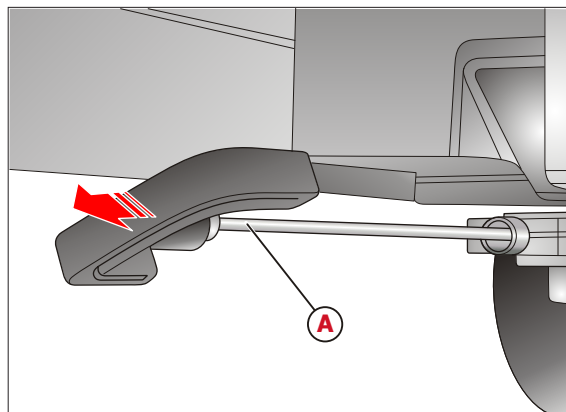
#### TIPS


Close the sink and shower drains with the appropriate plugs to avoid unpleasant odours when these are not in use.

## Living in your motorhome


### EMPTYING THE GREY WATER TANK

- Your motorhome is equipped with a grey water tank (excluding water from the WC which has a separate cassette). The water level of the tank is shown on the control unit panel by means of a visual and acoustic signal. To drain the tank (in permitted areas) simply pull the lever of valve **A** located outside the vehicle or operate the lever of tap **B**.
- In some models the discharge valve has a special attachment for an extension (flexible tube). This extension allows you to drain the water within a specific radius without having to move the motorhome.
- On some models, the handle **C** must be turned to drain the grey water tank.

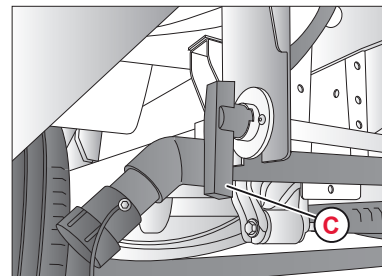


**CAUTION**

The location of the grey water tank varies according to the model; consequently, the location of the discharge valve also varies.

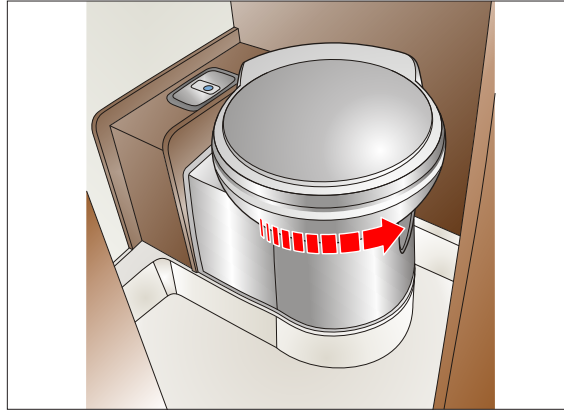
**ENVIRONMENT**

Empty the grey water tank only at the disposal points provided or in permitted areas (wells) in camp grounds.



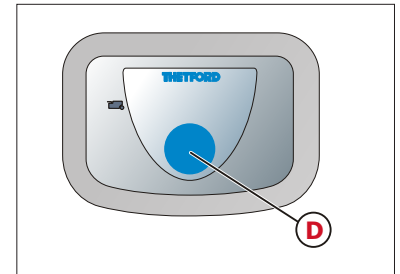
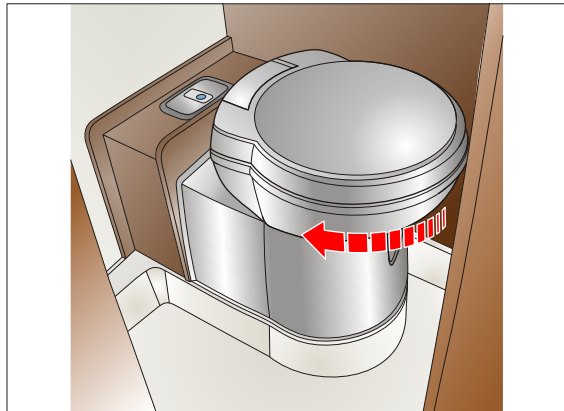
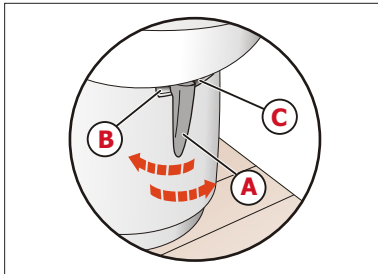
### TOILET WITH CASSETTE

- The motorhome is equipped with a cassette WC, with water flush from the clean water tank. The WC may vary depending on the model of motorhome.
- The water inlet and drainage are activated by means of lever **A** located on the toilet. To flush press button **D** located above the toilet. The cassette is located outside the motorhome in line with the WC.



### FLUSHING

- Move lever **A** to position **B** to open the discharge outlet.
- Flush using button **D**, keeping it pressed for the time required.
- Move lever to position **C** to close the discharge outlet.

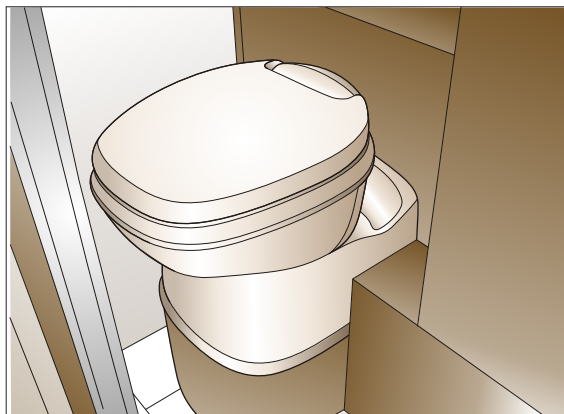
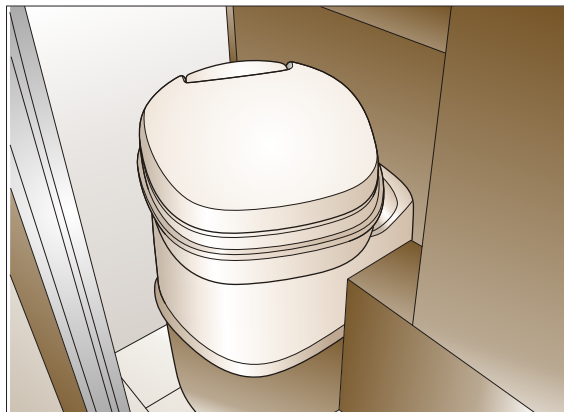
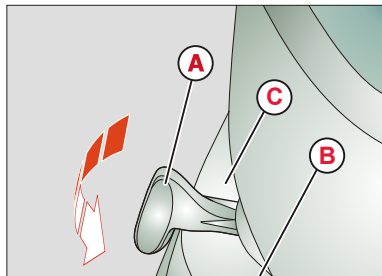




## Living in your motorhome

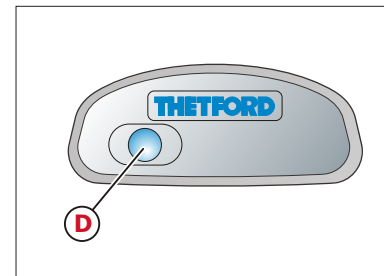
### TOILET WITH CASSETTE

- The motorhome is equipped with a cassette WC, with water flush from the clean water tank. The WC may vary depending on the model of motorhome.
- The water inlet and drainage are activated by means of lever **A** located on the toilet. To flush press button **D** located above the toilet. The cassette is located outside the motorhome in line with the WC.



### FLUSHING

- Move lever **A** to position **B** to open the discharge outlet.
- Flush using button **D**, keeping it pressed for the time required.
- Move lever to position **C** to close the discharge outlet.

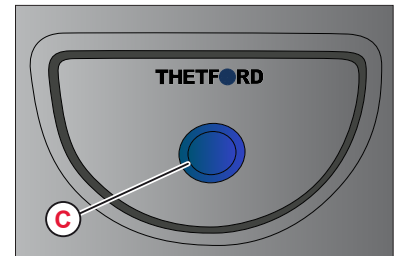
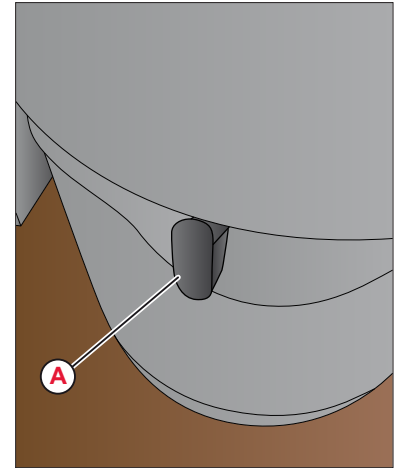
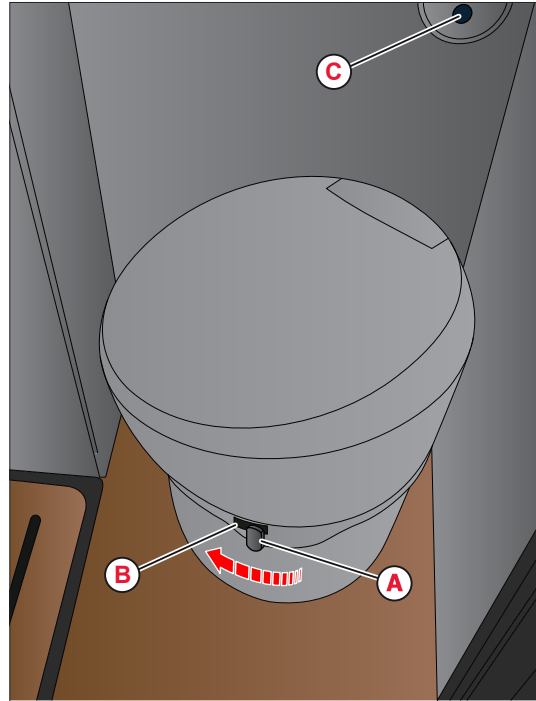


### TOILET WITH CASSETTE

- The motorhome is equipped with a cassette WC, with water flush from the clean water tank. The WC may vary depending on the model of motorhome.
- The water inlet and drainage are activated by means of lever **A** located on the toilet. To flush press button **C** located above the toilet. The cassette is located outside the motorhome in line with the WC.

### FLUSHING

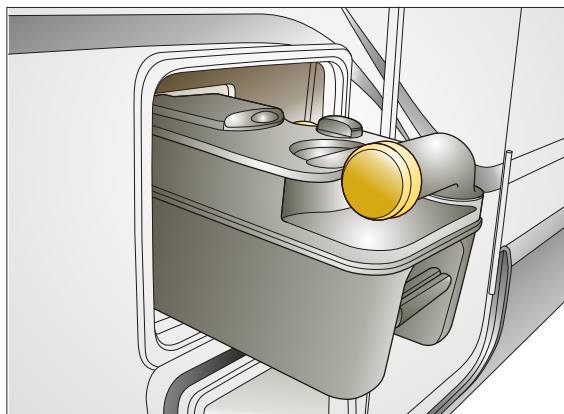
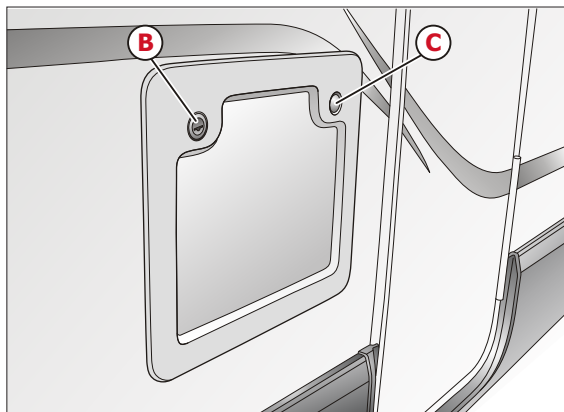
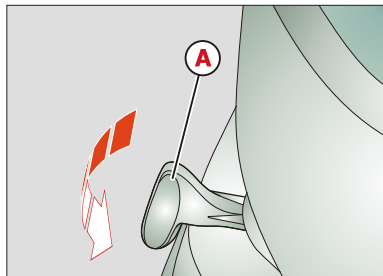
- Move lever **A** to position **B** to open the discharge outlet.
- Flush using button **C**, keeping it pressed for the time required.
- Move lever to position **A** to close the discharge outlet.



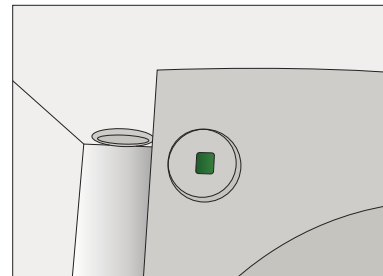
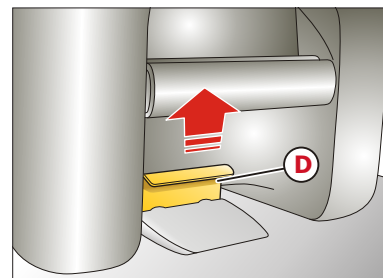
## Living in your motorhome

### EMPTYING THE CASSETTE

- Depending on the model of your motorhome, the cassette can be accessed on the right-hand or left-hand side of the vehicle.
- The tank must be emptied as soon as the red warning light (LED) appears on the toilette or WC control panel.
- Ensure that the toilet drainage is closed and that lever **A** is in the central position.
- Use the key provided to open lock **B**, then remove the key.
- Press button **C** and open the panel.



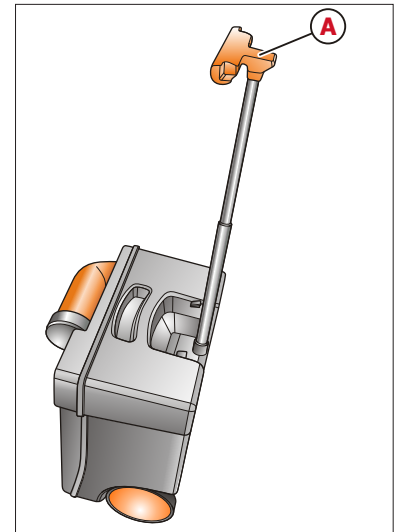
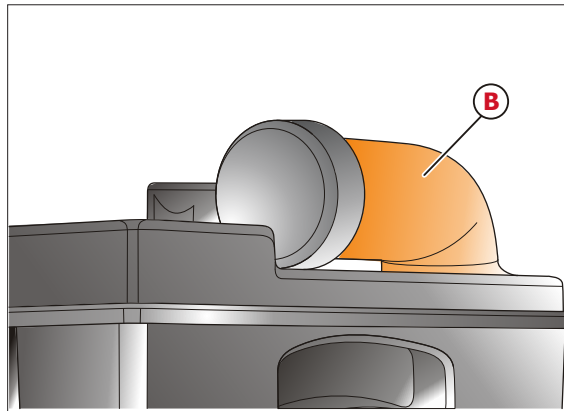
- Exert slight pressure upwards on handle **D** and extract the cassette.
- Cover the discharge valve with the cap provided.



### TOILET CASSETTE HANDLING PROCEDURE

Extract and lift the cassette using handle **A** from locking position, carry the cassette to an authorised dumping point holding it by the handle.

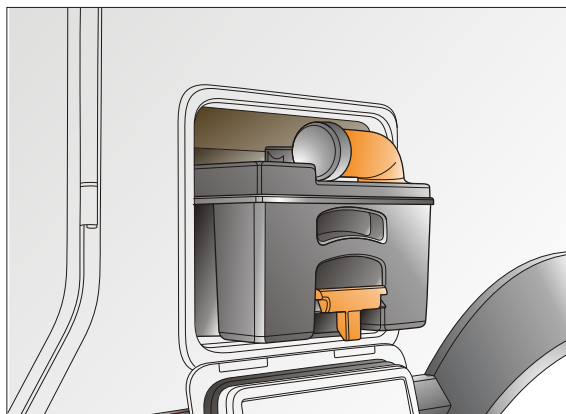
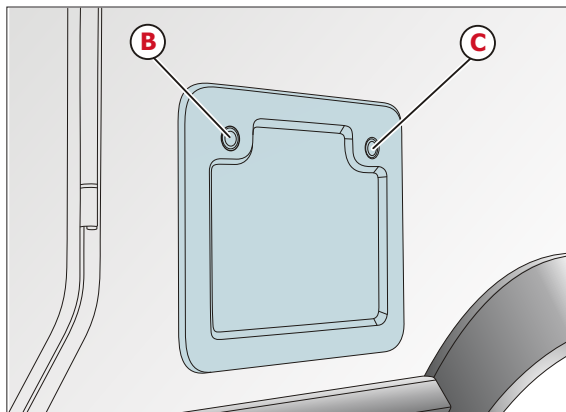
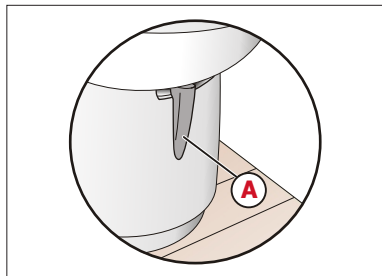
Put the handle back, turn the coupling **B**, remove the dispenser cap, pour specific toilet fluid into the cassette, add approximately 2 litres of water and grasp the tank so as to hold the ventilation button pressed while emptying.



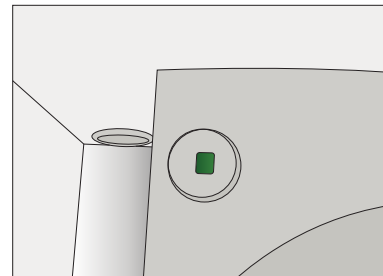
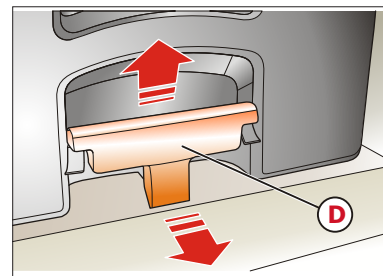
## Living in your motorhome

### EMPTYING THE CASSETTE

- Depending on the model of your motorhome, the cassette can be accessed on the right-hand or left-hand side of the vehicle.
- The tank has a capacity of about 18 l and must be emptied as soon as the red warning light (LED) appears on the toilette or WC control panel.
- Ensure that the toilet drainage is closed and that lever **A** is in the central position.
- Use the key provided to open lock **B**, then remove the key.
- Press button **C** and open the panel.



- Exert slight pressure upwards on handle **D** and extract the cassette.
- Cover the discharge valve with the cap provided.





### **ATTENTION**

The “full” signal is only visible if the pump switch on the control unit is on.



### **CAUTION**

Lubricate the lip gasket at least once a year using appropriate products. Wash and disinfect the cassette with water and disinfectant products.



### **ENVIRONMENT**

Empty the cassette at waste collection points (camper service facilities) or campground collection points. Emptying the cassette out into the toilets of campgrounds is prohibited.



### **CAUTION**

Do not force the cassette into its storage compartment. This may cause serious damage. If you are having difficulties, check that the discharge valve is in the correct position.



### **CAUTION**

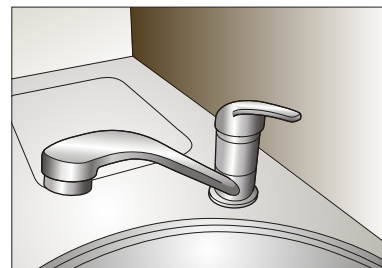
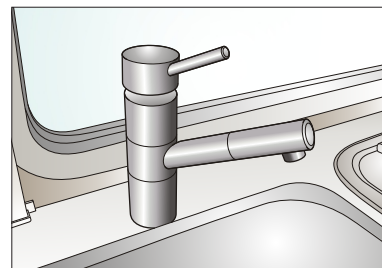
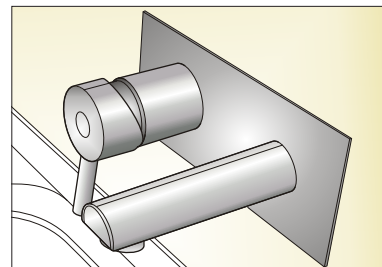
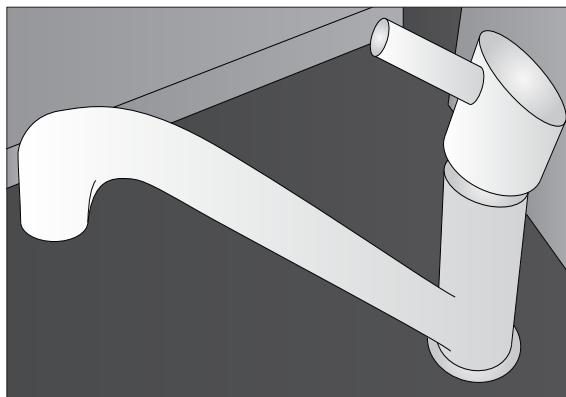
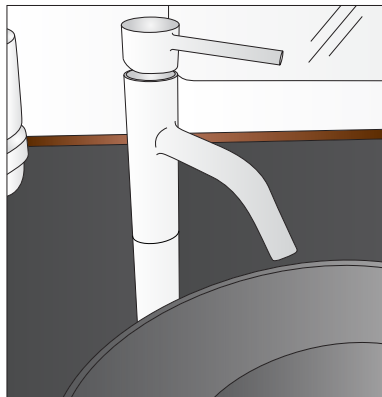
Never add toilet liquid through the discharge valve as this may damage the lip gasket of the discharge tank. Only add liquids via the discharge coupling.

## *Living in your motorhome*

### **TAPS AND PIPING IN GENERAL**

The taps are illustrated by way of example only. The shape and position of taps may vary according to the model.

- The water system piping connects all equipment. The pipes are made of non-toxic material which is suitable for food. The piping consists of a cold line (BLUE pipe) and a hot line (RED pipe).
- Follow procedures indicated for domestic uses with regard to the functioning, maintenance and cleaning of the taps and fittings in your motorhome.

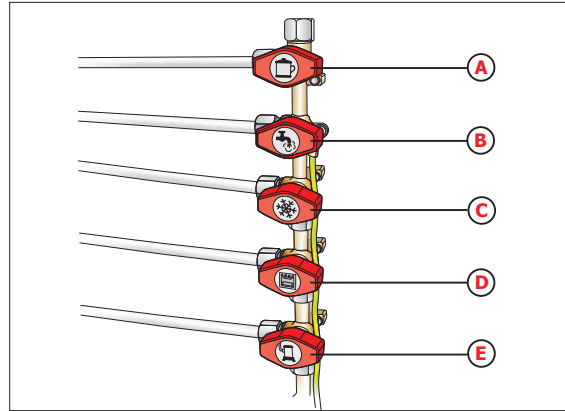


### GAS DISTRIBUTION CONTROL UNIT

Depending on the model, your motorhome is fitted with a stove, oven, fridge, heater and boiler.

Before putting into operation installed and gas-operated equipment, open the main shut-off valve of the gas cylinder and the tap of the corresponding gas cylinder.

- A** - Stove top tap
- B** - Boiler tap
- C** - Fridge tap
- D** - Oven tap
- E** - Stove tap



### ATTENTION

Read the instruction manual supplied by the manufacturer when you use gas appliances for the first time.



### CAUTION

The gas control unit may vary according to the fittings in the motorhome.



# Living in your motorhome

## HEATING SYSTEM

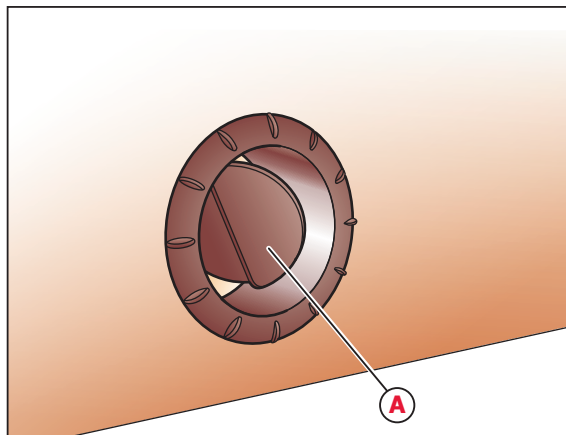
All our motorhomes are equipped with an internal hot air distribution system. Depending on the model of your motorhome, at least one of the following systems is available:

- Combi heater
- Air Top and Airtronic heater
- Dual Top

## USING THE HEATING CORRECTLY

Several air outlets are installed in your motorhome. A series of pipes carries the hot air to these outlet points. Direct the outlets by moving flap **A** so that the hot air exits in the desired direction.

The air flow can vary depending on the opening of the outlet. You can ensure maximum hot air flow if the outlets are fully open, and reduced air flow if the outlets are partially open. When all outlets are open the hot air from each outlet is limited. The hot air flow can vary depending on the number of open outlets.



## ! ATTENTION

Have a workshop authorised by TRIGANO check the discharge elements of all gas appliances once a year. In particular, check the heater discharge which must function efficiently and be free of obstructions and breakages. Take the utmost care to avoid crushing, holes, tears or detachments of the heating discharge pipes in order to avoid the release of carbon dioxide.

## ! ATTENTION

The heat exchanger must be replaced after 10 years from its initial operation. It must be replaced by the heater manufacturer or by a workshop authorised by TRIGANO.

## ! CAUTION

Do not obstruct the air vents in your motorhome.

## TIPS

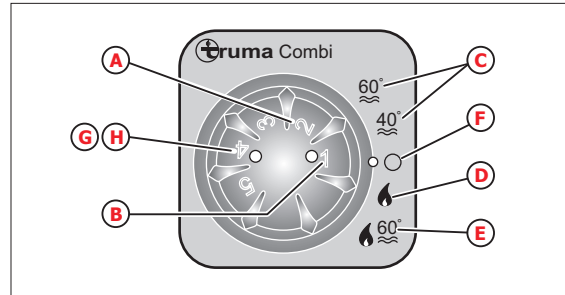
The Dual Top heating system may also be used while travelling.

### COMBI HEATER

When the heating system is turned off, empty the circuit to prevent it from freezing.

Some motorhomes are equipped with a combination heater-boiler model. This system is very compact and combines a high-performance air heater and an efficient water boiler. This Combi heating system automatically selects the heating level required by the ambient conditions. Once the selected ambient temperature is reached, the thermostat turns the heater off. When the temperature inside the motorhome drops, the heating will automatically turn on again. During heating the water (about 12 l) is automatically brought to the maximum temperature. In the summer setting, the water is heated to 40° or 60°C.

The Combi heater has a safety discharge valve which opens automatically below 4°C in order to avoid the water inside the system freezing.



- A** Ambient temperature dial
- B** Green LED on: Flashing green LED "Working": the delay function is active to reduce the temperature of the appliance
- C** Summer mode (water temperature 40° or 60° C)
- D** Winter mode (heating **without** controlled water temperature or with empty water system)
- E** Winter mode (heating with controlled water temperature)
- F** "Off" switch
- G** Yellow LED on: Boiler heating mode
- H** Red LED on: Flashing red LED "Fault"



### CAUTION

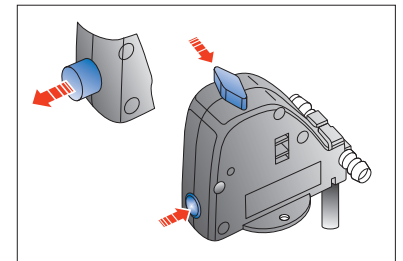
It takes about 15-30 minutes to heat the water.

### STARTING THE COMBI HEATER:

- Open the gas tap associated with the Combi heater L.
- Turn dial **A** on the Combi control panel as shown in Fig. 1. Select the desired temperature.

### SAFETY DISCHARGE VALVE

The safety discharge valve can operate without electricity. The water contained in the boiler will be automatically discharged via the discharge tube in the event of freezing temperatures.



## Living in your motorhome

### COMBI CP PLUS

#### BASIC FUNCTIONS

- The basic functions (ambient temperature, water temperature and energy mode) can be adjusted in a few steps.
- The control unit implements a number of new functions.
  1. Hot water priority
  2. Fan mode
  3. Timer
  4. Time
  5. Error messages

#### NEW COMFORT FUNCTIONS

##### Fan settings

- **ECO:** slow fan speed, quiet operation to save power.
- **MID:** faster fan speed for larger vehicles and better warm air distribution.



- **HIGH:** much faster heating with temperature differences higher than 10°C. Heating power is available for much longer. This is supported by a faster fan speed.
- **VENT:** air recirculation function only available when not in heating or preparing hot water.

#### Hot water priority setting

Priority is given to water heating until the set temperature or temperature higher than 60° C is reached. The previous mode is reactivated afterwards. For instance, the system will switch to heating mode if this is set. Furthermore, water is kept at a higher temperature with the Combi gas variant. This function remains active until the hot water priority function is deactivated on the control unit.

#### Ambient and water temperature setting


The ambient temperature and the required water temperature are set independently. Obviously, both temperatures can be set at the same time. Any combination is possible according to needs.

### TIMER



#### Combi function programming using the timer

The timer can be used to program the required functions (ambient temperature, water temperature, energy mode, fan) freely (the starting and stopping time can be determined as required). In this manner, the setting can be lowered at night to save power.

To program the timer, select symbol  using the knob/button, go to the next setting level pressing the button.

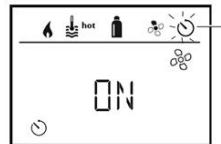


- **Enter the start time**  
Set the hour and then the minutes using the knob/button.
- **Enter the end time**  
Set the hour and then the minutes using the knob/button.
- **Set the ambient temperature**  
According to the connected appliance, select stove, A/C system or AUTO using the knob/button. Select the required ambient temperature using the knob/button.
- **Hot water level setting**  
select the required hot water level using the knob/button
- **Power type setting**  
select the fuel type using the knob/button
- **Fan speed setting**  
select the fan speed using the knob/button



### CAUTION

The timer symbol will blink if the timer is programmed.



## Living in your motorhome

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- **Timer activation**

Activate the timer using the knob/button, press the button to confirm.

- **Timer deactivation (OFF)**

Select the symbol ⌚ using the knob/button, go to the setting level by pressing the button, deactivate the timer using the knob/button, press the button to confirm.



### ATTENTION

The heater will be lighted when the timer is activated also if the vehicle is parked. Fumes from the heater may cause poisoning in closed rooms (garage, workshop). When the vehicle is parked in closed rooms: - shut down the fuel feed to the heater - deactivate the timer - switch off the heater from the Truma CP Plus control unit.

### BOILER AND COMBI HEATER

Both the boiler and the Combi system heat water. The boiler is a proper bathroom water heater and the Combi, as explained in the specific chapter, also provides hot air to heat the motorhome. The two systems are separate and are NEVER present in the motorhome at the same time.

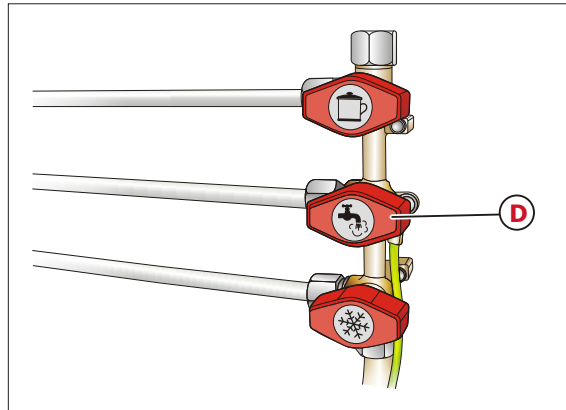
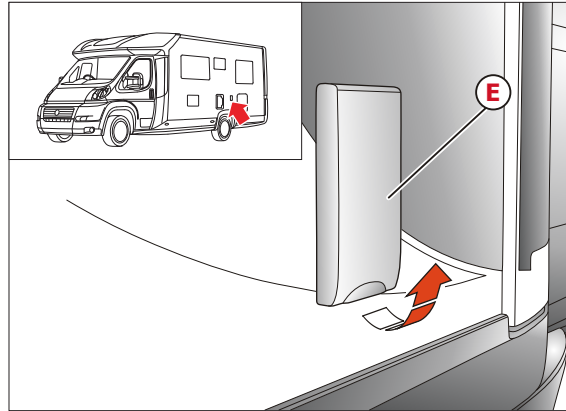
#### SWITCHING THE BOILER ON:

- Remove the protection cover **E** located on the external air intake.
- Open gas tap **D** associated with the boiler.
- Open the tank valve so that the water can flow in the circuit.



**CAUTION**

It takes about 15-30 minutes to heat the water.



- Activate switch **A** (next page) on the control panel and select the desired temperature **B** (next page, 50° or 70° C).

#### SWITCHING THE BOILER OFF:

- Switch the boiler off by activating switch **A** (next page) on the control panel.
- Place protection cover **E** over the external air intake.



**CAUTION**

If you are not using the boiler for an extended period, close the gas tap and the quick-closing valves.



**CAUTION**

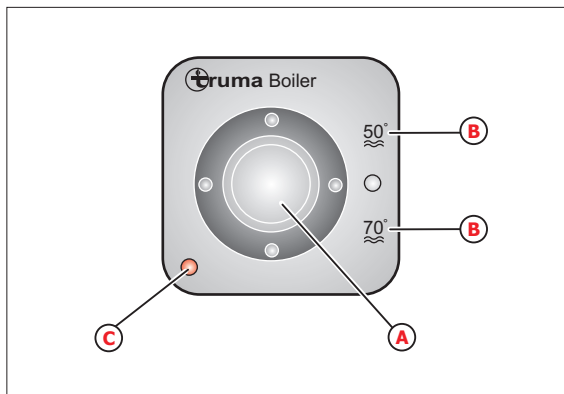
Empty the boiler if there is a risk of freezing.

## Living in your motorhome

In the event of a fault, the red LED on the heater/boiler control panel will turn on (see chapter on maintenance).

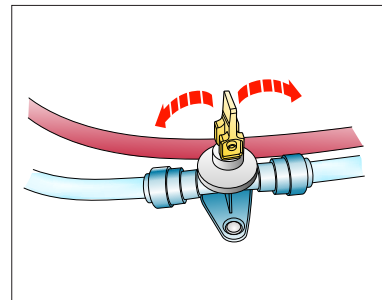
### RED LED SWITCHES ON

- In the event of a fault, red LED **C** turns on. The causes may include insufficient gas, air in the gas circuit, overheating sensor response or external protection removed. Check that the safety/discharge valve for cold water delivery is closed.



- A** On switch
- B** Temperature setting
- C** Red LED: Fault

- If the water pump is functioning and you detect an external water leak, it is possible that the discharge valve was not closed after having emptied the boiler. Check and close the valve if necessary.

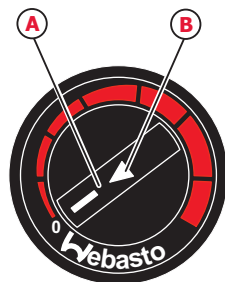


### CAUTION (BOILER AND COMBI HEATER)

- Always keep the exhaust gas flue and combustion air outlet clean. When using the door of the rear storage locker, take care not to leave it open in proximity of the exhaust gas pipe. If the Combi heater or boiler is in operation, the exhaust fumes can damage the locker door.
- It takes about 15-30 minutes to heat the water.
- If the system has not turned on after two attempts, wait for 10-15 minutes before repeating the same operation so that any hazardous gas fumes can dissipate.

### AIR TOP HEATER

Some motorhomes are fitted with an AIR TOP heating system located under the floor of the living space in your motorhome. The air taken from the vehicle is heated by coming into contact with a heat exchanger. Combustion inside the heat exchanger is ensured by fuel from the fuel tank of the vehicle. A sophisticated electronic control unit guarantees and ensures correct and constant temperature regulation. This system can be used even when travelling, guaranteeing limitless heating. Two types of heaters are available: one with a maximum power of 3500 kW and one with a maximum power of 3900 kW. They are installed on the basis of the type of motorhome.



Air Top

- A** Control for:
- Turning on/off
  - Setting the ambient environment
  - Reset in case of fault
- B** Start-up check / Fault code indicator



### ATTENTION

After having turned off the heater and before removing the power supply to the vehicle by disconnecting the battery, ensure that the heater has finished the cooling/cleaning cycle. The heating system may be damaged if the power is cut during the cooling/cleaning cycle.



## *Living in your motorhome*

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### **DUAL TOP HEATER**

Some motorhomes are fitted with a DUAL TOP heating system located under the floor of the living space in your motorhome. The air taken from the vehicle is heated by coming into contact with a heat exchanger. Combustion inside the heat exchanger is ensured by fuel from the fuel tank of the vehicle. A sophisticated electronic control unit guarantees and ensures correct and constant temperature regulation. This system can be used even when travelling, guaranteeing limitless heating. The DUAL TOP heater can also be used as water heater.



#### **ATTENTION**

Do not operate the heater in closed environments (e.g. garage): danger of poisoning and suffocation.



#### **ATTENTION**

Switch off the heater before refuelling.



#### **CAUTION**

To guarantee safe operation, the heater must be inspected every two years at an authorised Webasto Service Centre.

### OPERATION

The Dual Top heater can operate in various modes:

- **Summer mode (only hot water)**

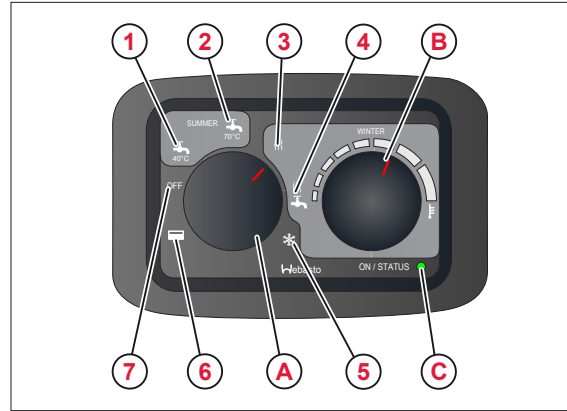
The heater can be used to supply drinking hot water. The water is heated and kept at a temperature of 40 °C or 70 °C. Interior heating is not activated.

- **Winter mode (heating without hot water production)**

The required temperature in the passenger compartment may be adjusted using the internal temperature selector (from 5 to 35°C)

- **Winter mode (heating with hot water production)**

The heater is used for heating the cab and for producing hot water. The required temperature in the passenger compartment may be adjusted using the internal temperature selector (from 5 to 35°C). The water is heated to a temperature of 70°C.



### Control panel

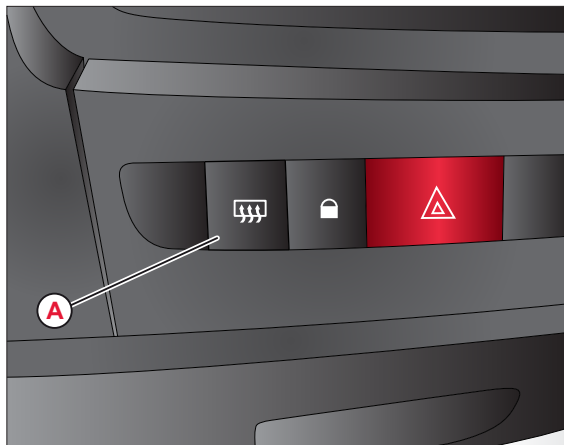
- A = Mode selector
- B = Internal temperature selector
- C = Operation/fault message indicator light (green/red)
- 1 = Summer mode, water temperature 40°C
- 2 = Summer mode, water temperature 70°C
- 3 = Winter mode, heating without hot water production
- 4 = Winter mode, heating with hot water production
- 5 = Anti-freeze mode
- 6 = Boiler emptying
- 7 = Off



The cab can always be heated with or without water in the boiler

### **HEATED WINDSCREEN**

The heated windscreen (where fitted) is crossed by a very thin mesh of resistors along the entire surface. It is operated by pressing button **A** on the vehicle control panel. It can rapidly defrost the entire windscreen, including the wiper blades, if necessary.



### **KITCHEN VENTILATION SYSTEM**

The kitchen ventilation system removes vapours, fumes and unpleasant odours during cooking. Operate it by simply pressing the relevant button. Remember to make limited use of the ventilator and avoid excessive consumption.

#### **ATTENTION**

- Before using the stove, make sure that there is adequate ventilation by opening the windows and skylight.
- Never use the stove or oven as a heater.

#### **ATTENTION**

Do not bring flammable or easily flammable objects near the gas burners when they are on.

#### **CAUTION**

Do not use the glass cover of the stove as a support surface.

#### **CAUTION**

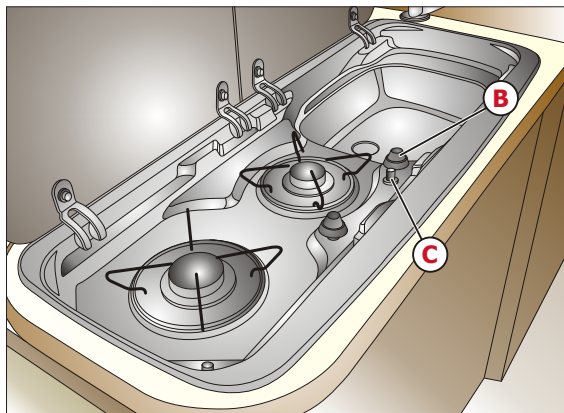
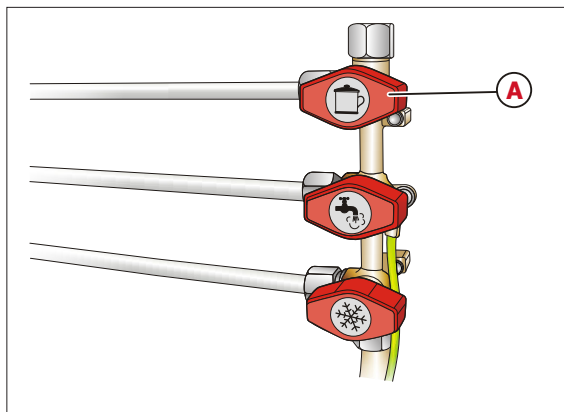
Lower the stove cover while travelling.

## Living in your motorhome

### STOVE TOP

The stove tops are illustrated by way of example only. The shape and position of stove tops may vary according to the model.

- Turn on the stove by opening the shut-off valve on gas cylinder **A** and the kitchen gas tap.
- Turn rotating knob **B** corresponding with the burner required to the on position.
- Press the rotating knob and keep it depressed.
- Ignite the flame by means of piezoelectric ignition **C**. Some models are not provided with piezo-electric device.
- Keep the rotating knob depressed for about 10-15 seconds after ignition to allow the safety valve to supply gas independently.



#### CAUTION

Do not close the glass cover when the stove is still hot.

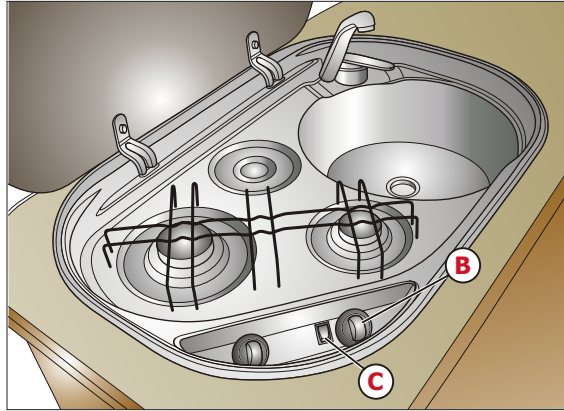


#### CAUTION

A flame guard is available near the stove and can be dismantled for washing purposes if necessary. Ensure that the flame guard is installed when the stove is being used.

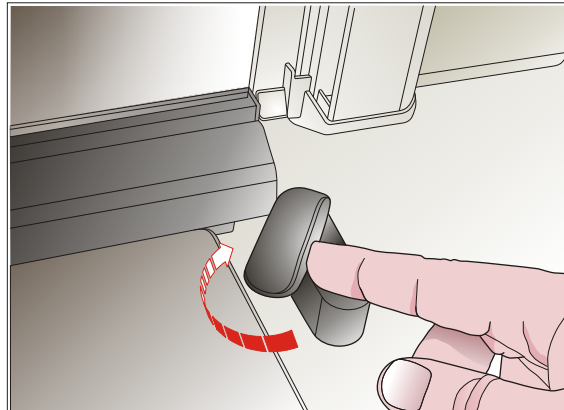
- Release the rotating knob and turn it to the desired position.
- Repeat the procedure from the beginning if you are unable to turn the burner on at your first attempt. Turn the knob to the 0 position to switch off the burner. The flame will go out

A device for locking the glass in open position is provided on some stove tops. Raise the glass and turn the upper part of the device by approximately 90° to lock the glass.



### ATTENTION

The safety valve automatically closes the gas supply if the flame goes out.



## Living in your motorhome

### FRIDGE MODEL A

- A** On/off switch
- B** OK button
- C** Arrow buttons
- D** Source symbols
- E** Cooling level indicators
- F** Anti-condensation warning light (where fitted)
- G** Flat battery warning light (optional)
- H** Error code
- I** Touchscreen

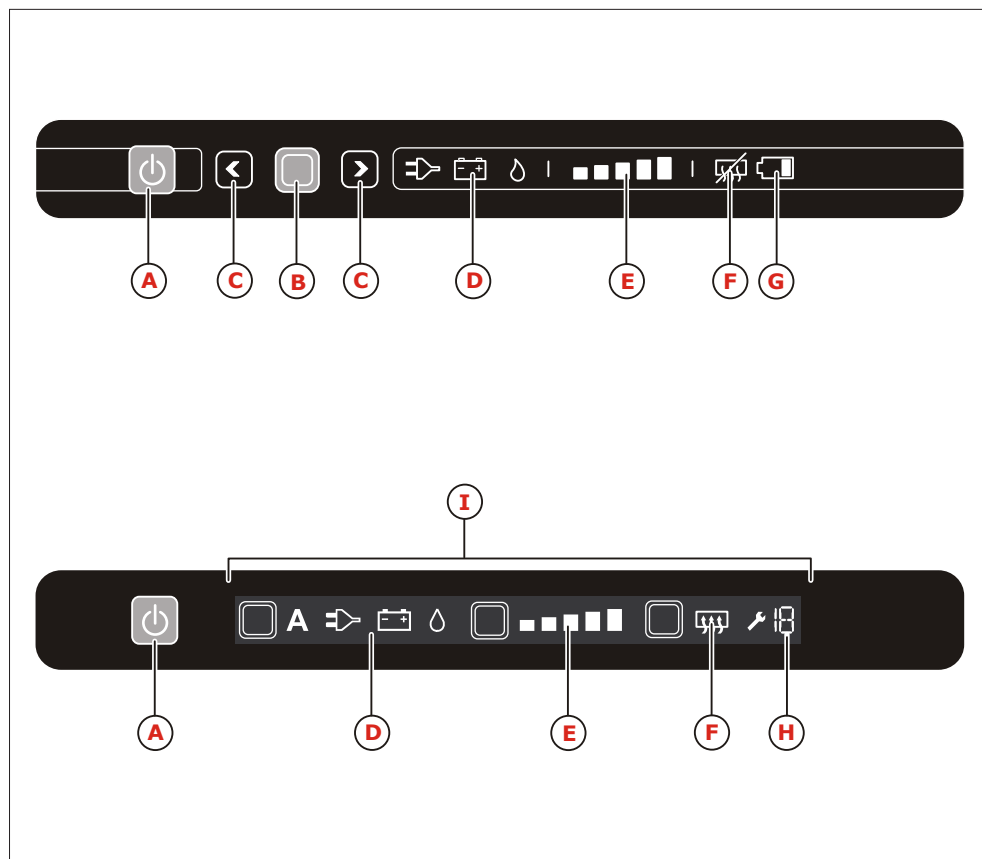


### CAUTION

Read the instruction manual of the component carefully.

### SWITCH THE FRIDGE ON

- It is advisable to clean the inside of the fridge very carefully before using it.
- Hold the on/off switch pressed for 1 second to turn the fridge on.



### SELECT A SOURCE.

- After having turned the fridge on, hold the OK button pressed for 2 seconds. The source warning lights will start blinking.
- Press the arrow buttons to select the source.
- Press the OK button to confirm your selection.

### SOURCES

**230 V** the fridge will run on electricity.

**12 V** the fridge will be powered by the vehicle battery.

**Gas** the fridge will run on gas from a cylinder.

### SELECT THE COOLING LEVEL

- After having turned the fridge on, hold the OK button pressed for 2 seconds.
- The source warning lights will start blinking. Press the OK button again. The cooling level indicators will start blinking. Press the arrow button to select the required cooling level. Press the OK button to confirm your selection.
  - Minimum cooling level
  - Maximum cooling level

### HOW TO USE THE FREEZER

- The freezer can be used to keep frozen food or make ice-cubes using the special tray provided.



### CAUTION

Never store carbonated beverages in the freezer.



### CAUTION

A constant temperature cannot be guaranteed in the freezer if the refrigerator needs to work for a long time with the temperature inside the vehicle colder than 10°C. The temperature may rise and the food could defrost.



### CAUTION

Do not eat ice-cubes or lolly ices directly from the freezer. May cause injury.



## *Living in your motorhome*

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### **CAUTION**

To speed up the process, make ice-cubes during the night when the fridge is most efficient. Place the ice-cube tray on the bottom back of the empty freezer.



### **CAUTION**

The refrigerator must not be gas-powered while travelling.

### **SWITCH THE FRIDGE OFF**

Switch the fridge off to defrost the fridge or leave the vehicle. Press the on/off switch as shown and hold it pressed for 2 seconds to switch the fridge off. All lights will go out.

### FRIDGE MODEL B

#### FRIDGE OPERATION

This fridge can operate using three types of power

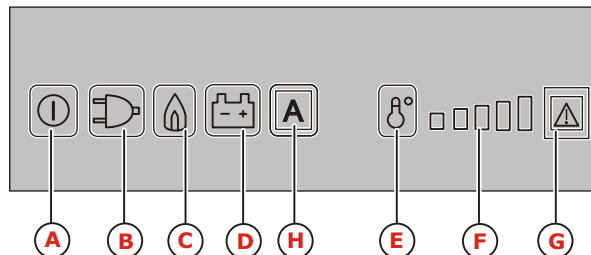
- 230 V mains power voltage
- Direct voltage (12 V battery)
- Gas (liquid propane/butane gas)

The power is selected by means of the power selector (models with battery starter device) or power switch (MES, AES). Devices with automatic power setting (AES) also have a supplementary automatic function. The AES electronic system automatically selects the best power source available at any time.



#### CAUTION

Read the instruction manual of the component carefully.



#### MANUAL SELECTION OF MES AUTOMATIC POWER/ON SETTING

- A** ON/OFF button
- B** 230V power selection button
- C** Gas power selection button
- D** 12V power selection button
- E** Temperature levels button
- F** Temperature level indicator
- G** Fault LED/GAS FAULT reset button
- H** "AUTOMATIC MODE" selection button (optional)

## *Living in your motorhome*

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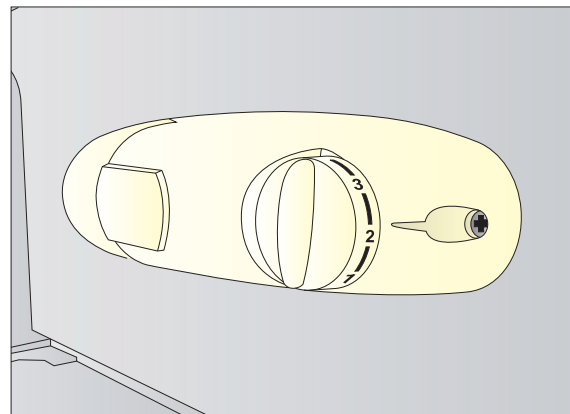
### **AUTOMATIC AES AUTOMATIC POWER/ON SELECTION**

- A** ON/OFF button
- B** 230V power selection button
- C** Gas power selection button
- D** 12V power selection button
- E** Temperature levels button
- F** Temperature level indicator
- G** Fault LED/GAS FAULT reset button

### **ON/OFF**

- Press button 1 for longer than 2 seconds to turn on.
- Press button 1 for longer than 2 seconds to turn off.

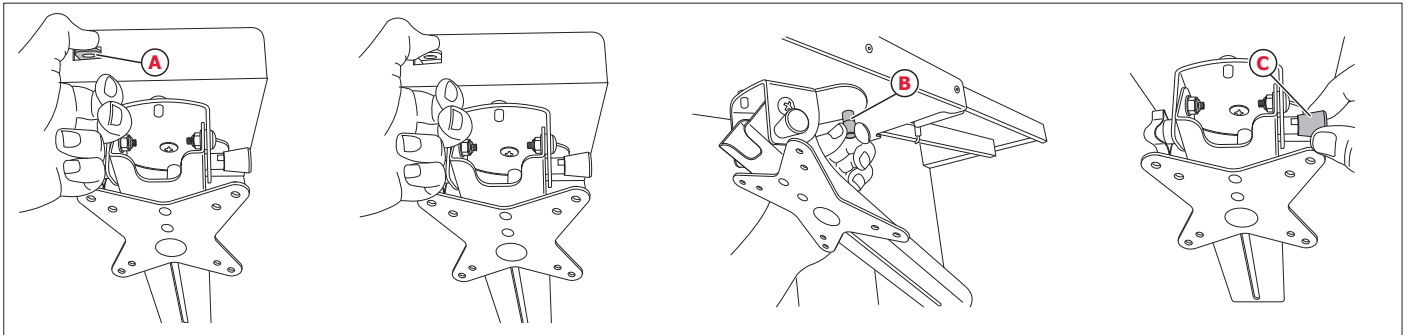
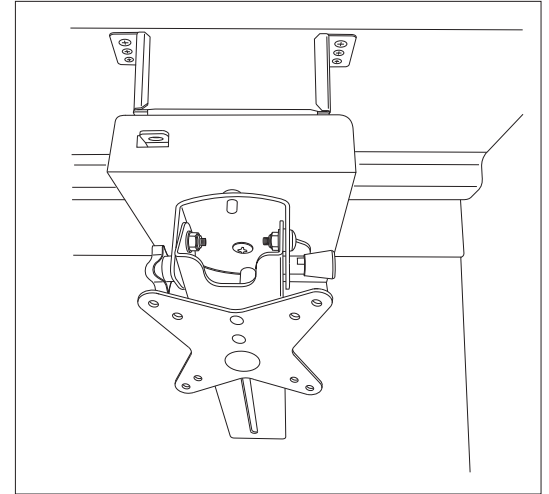
A compressor refrigerator is present on some models. It is powered at 12V only and the temperature may be set using the knob inside the refrigerator.



## LCD SCREEN MODELS

### MODEL A

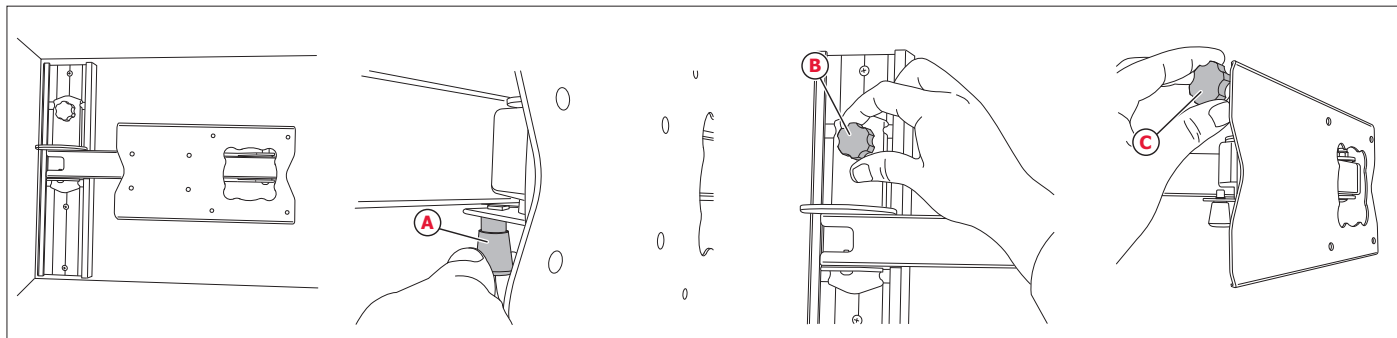
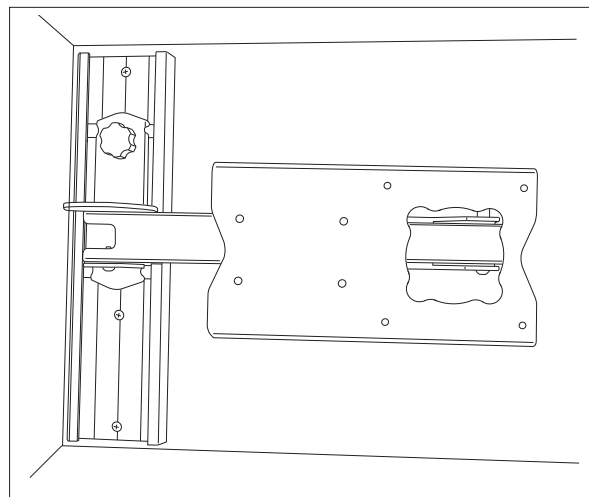
- The LCD screen bracket is located in the wall unit. Press lever **A** to release it and guide the bracket out of the wall unit.
- Pull knob **B** to adjust the bracket towards the right or the left.
- Pull knob **C** to the right to adjust the angle of the LCD screen.



## Living in your motorhome

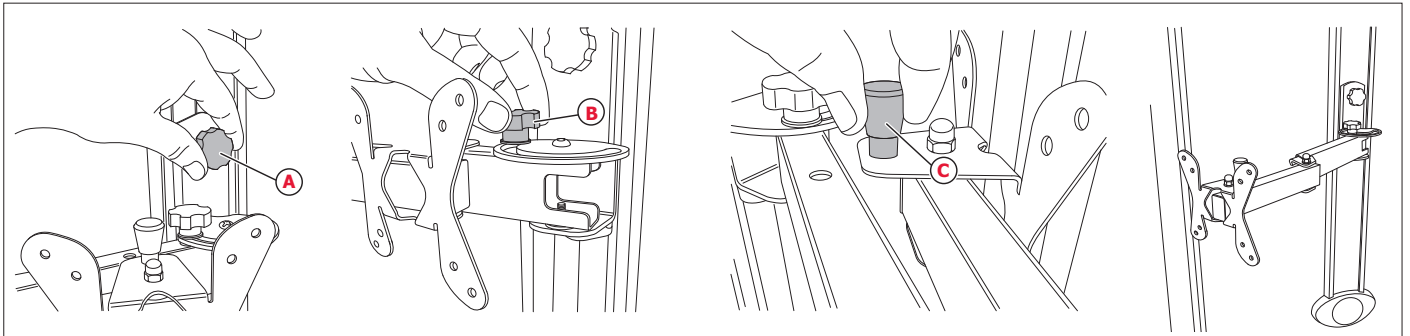
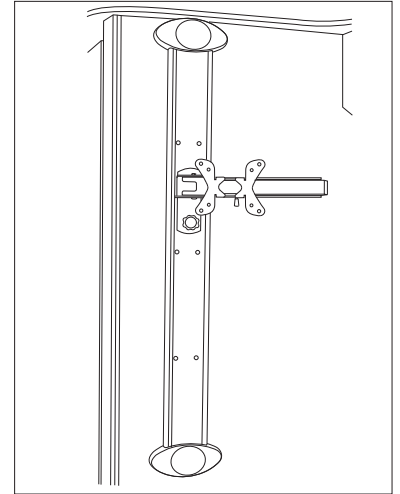
### MODEL B

- The LCD screen bracket is located inside the wall unit above the dinette. Pull downwards knob **A** located behind the bracket plate to release it.
- Turn knob **B** to adjust the height of the bracket plate.
- Turn knob **C** to adjust the angle of the LCD screen bracket.



### MODEL C

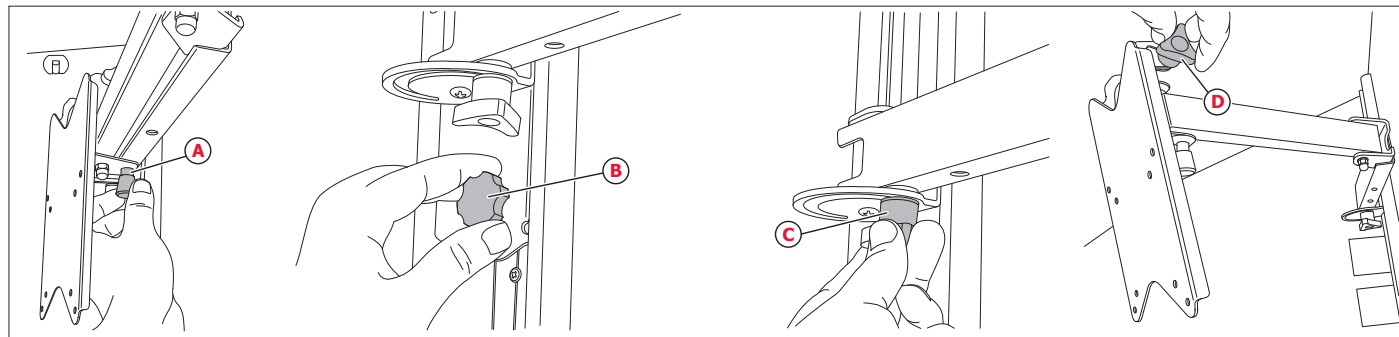
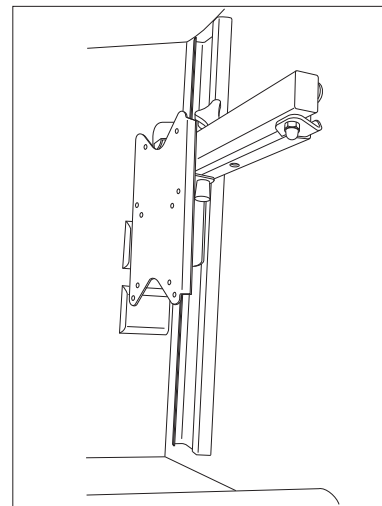
- The LCD screen bracket is mounted on the wall. Turn knob **A** to adjust the height of the bracket.
- Turn knob **B** to adjust the bracket towards the right or the left.
- Lift knob **C** to extend the arm and adjust the angle of the bracket.



## Living in your motorhome

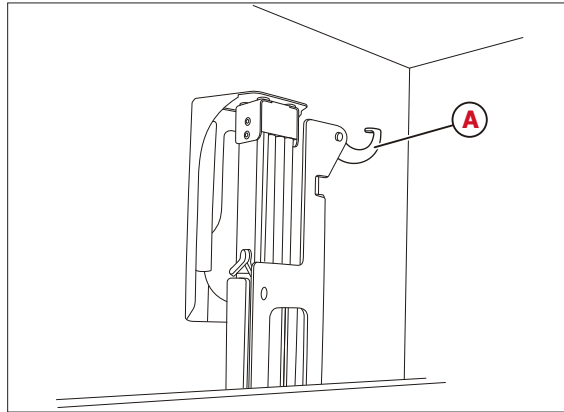
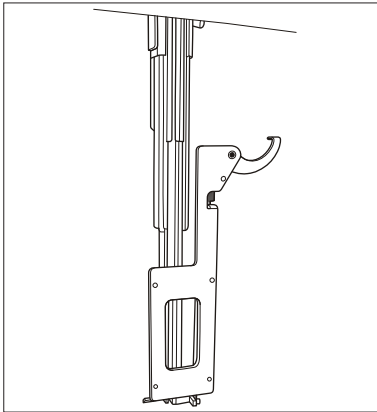
### MODEL D

- The LCD screen bracket is located inside the dome above the driver cab. Pull downwards knob **A** located behind the plate in order to release the bracket.
- Turn knob **B** to adjust the height of the bracket.
- Turn knob **C** to adjust the bracket towards the right or the left.
- Turn knob **D** to adjust the vertical angle of the LCD screen bracket plate.



### **MODEL E**

- The LCD screen bracket is located in the wall unit. Press lever **A** to release it and guide the bracket out of the wall unit.
- The angle of the LCD screen bracket can be adjusted.



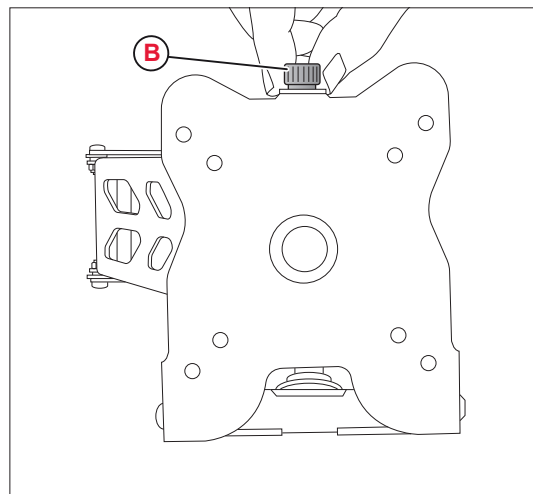
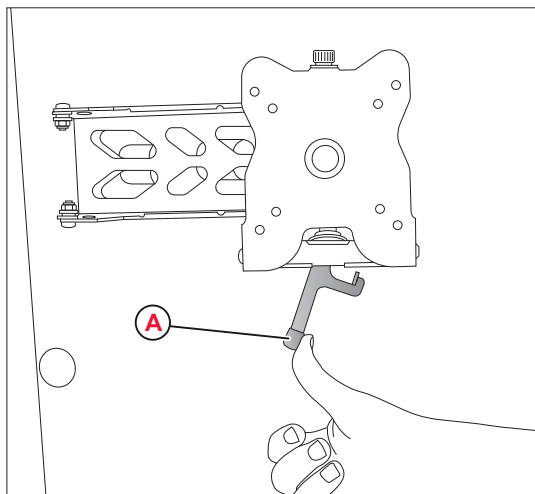


## Lcd screen models

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### MODEL F

- The LCD screen bracket is fixed to the wall. Press release lever **A** and guide the LCD screen bracket.
- Turn knob **B** to adjust the inclination of the LCD screen bracket.





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*Maintenance*

**7**

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## Maintenance

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### SCHEDULED MAINTENANCE

#### ORIGINAL SPARE PARTS

#### EXTERNAL CLEANING

The motorhome is made of materials which are particularly resistant to the elements and atmospheric conditions. Periodically wash your motorhome with a water jet from top to bottom. Use neutral and non-aggressive cleaning agents. Do not use hard brushes. Dry surfaces with soft leather. Take special care in selecting products to clean plastic parts, bumpers and side straps. Do not use alcohol-based products or solvents. Refer to workshops authorised by TRIGANO for advice on recommended products.

#### INTERNAL CLEANING

To keep the interior of your motorhome always looking new it is essential to ensure thorough and periodic cleaning. Advice on cleaning various components is provided below:

#### FURNISHINGS

Use a soft, slightly damp cloth with neutral soap for cleaning the internal and external surfaces of furnishings, furniture handles and various plastic parts.

#### CUSHION COVERS, CURTAINS AND FABRICS

Dry clean fabrics to avoid shrinking and discolouring. Do not wash cushions.



#### ATTENTION

- Do not use abrasive substances or sponges when cleaning as these may ruin and scratch shiny surfaces.
- To better protect your motorhome's painted surface, avoid washing it after it has been in the sun for a long time
- Do not wash your motorhome with pressure washers or at high temperatures.
- Do not direct the water jet towards the fridge and roof air vents.
- Do not clean the external graphic elements with alcohol or solvents.
- If the surface of your motorhome has some opaque areas, use non-abrasive car body polish over the area.

# Maintenance

## SINK AND STOVE

Do not clean the sink and stove with abrasive products. Use water and a suitable thick detergent. Clean the gas stove with a damp sponge. Avoid water entering the gas stove openings as it may cause damage.

## WINDOWS, SHADES AND FLYSCREENS

Pay particular attention to windows. They are made of acrylic glass and must be handled carefully.

Brush the flyscreens and shades with a soft brush. Use soapy water at 30°C to clean the grease on shades near the gas stove.

## BATHROOM

Use only a solution of soap and water to clean the bathroom. Do not use alcohol-based products.

## FLOOR

Use a solution of neutral soap in warm water. Rub with a non-abrasive, soft sponge. Rinse with warm water.

## GREY WATER TANK

We recommend that you clean the waste water tank after using your motorhome. Use a detergent and rinse with plenty of water.



### CAUTION

- Do not rub acrylic glass surfaces when they are dry. Grains of dust may scratch them.
- Wash acrylic glass with warm water, a neutral detergent and a soft cloth.
- Do not use glass cleaning agents containing alcohol or chemical additives. These may permanently damage the acrylic glass surface.
- Apply glycerine to rubber gaskets of windows.



### ATTENTION

For safety reasons, spare parts for an appliance must comply with the manufacturer's specifications and must be installed by the manufacturer or authorised person.

### CLEAN WATER TANK

Ensure that you completely wash out the clean water tank and pipes at least once a month. Use disinfectants available from pharmacies. Do not use water from the clean water tank for drinking. To wash out the tank, use inlet **A** located on the upper part of the tank. Unscrew the cap. To empty the tank, open filler **A**, introduce your hand into the tank, grasp and turn the "T"-shaped plug (fig. 2) upwards by 90° (fig. 3), pull and extract the plug (see fig. 4). Reposition the plug after having emptied the tank.

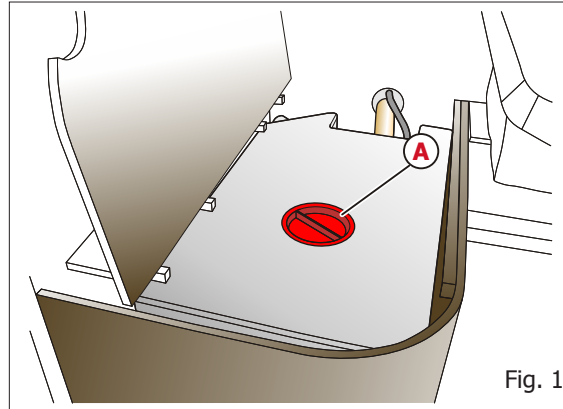


Fig. 1

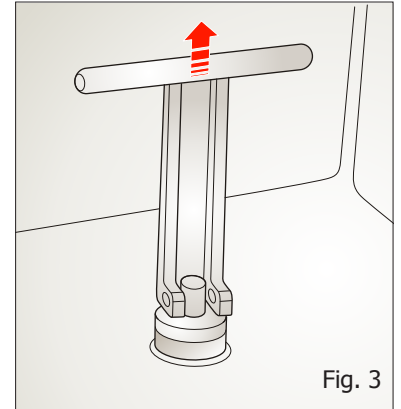


Fig. 3

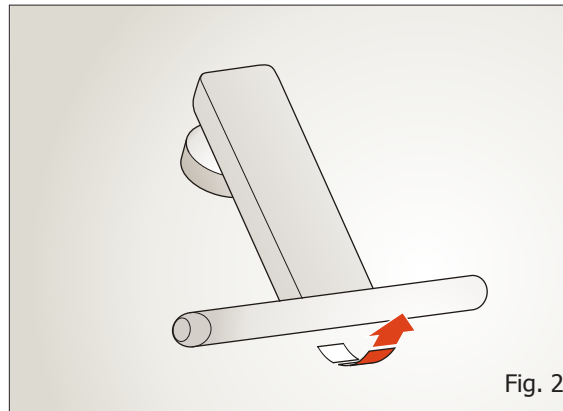


Fig. 2

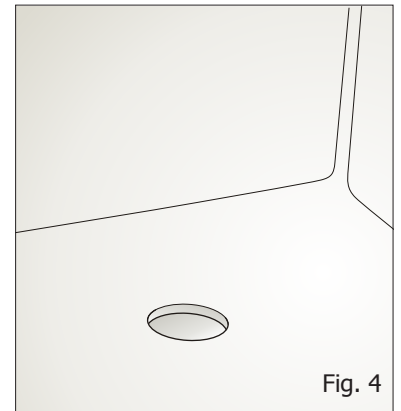


Fig. 4



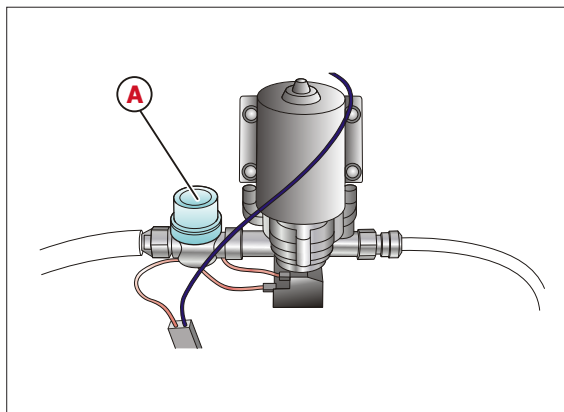
# Maintenance

## WATER SYSTEM

### CLEANING THE FILTER OF THE WATER PUMP (INTERNAL)

Clean the external filter periodically or when the volume of water running from the taps is reduced. There must be water in the tank and the pump must be in operation. First clean the tap filters, then clean the pump filter if necessary.

- Turn the water pump switch on the electronic control panel off.
- Empty the water tank, as well as the piping of the water system.
- Unscrew the plastic connection between the filter and the discharge tube.
- Unscrew cover **A** of the filter and remove the filter.
- Wash the filter with water and a sponge.



### CAUTION

Have a workshop authorised by TRIGANO check the connections of the pipe clamps for the pump, taps, boiler, sink discharge, etc., and in particular, for the hot water pipes.



### CAUTION

The internal filter must be cleaned by a workshop authorised by TRIGANO.

### IN THE EVENT OF A PUNCTURE

Motorhomes not equipped with a spare tyre are equipped with a 12V compressor for inflation, which is plugged into the cigarette lighter socket. A puncture repair kit is also available. Instructions for using the kit and the compressor are on the packaging.

Some models on Fiat Ducato chassis are provided with spare wheel. Extension **A** is provided to facilitate access to the spare wheel, which is located between the two side rails of the chassis, in addition to the tools provided by Fiat. Insert part of the extension of the tool **B** provided by Fiat, and insert the other end in the pin **C** also provided by Fiat. Fig. 1 shows the tool complete with all components and where to apply it to access the spare wheel.

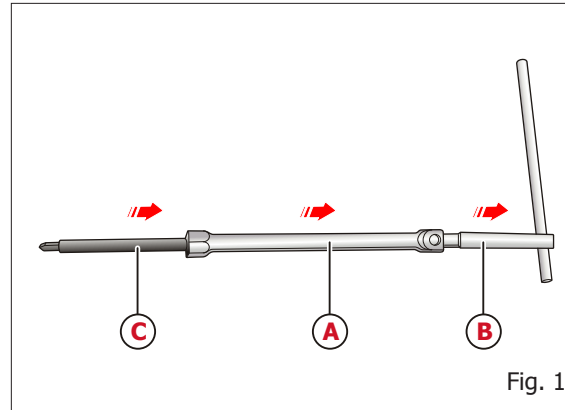


Fig. 1

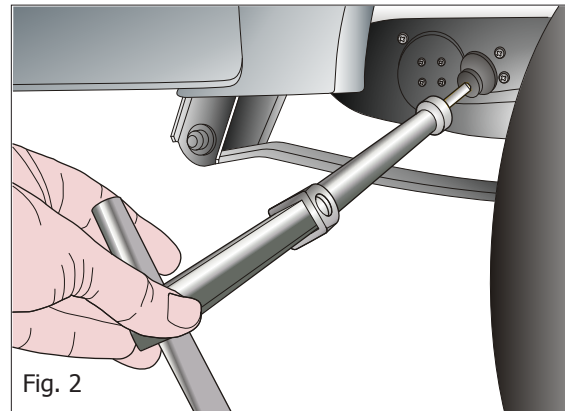


Fig. 2

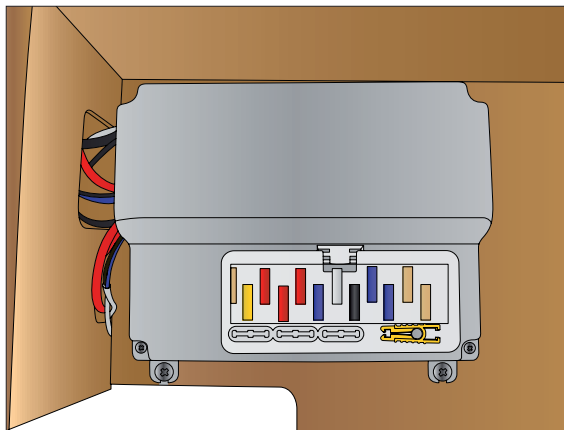
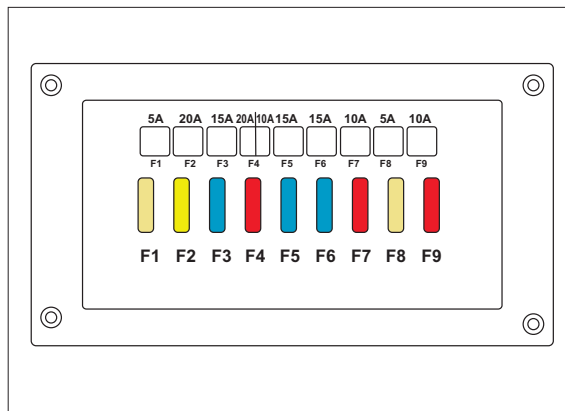
### **ATTENTION**

The repair made with the kit is temporary and only serves to reach the closest tyre repair workshop. If you have repaired a tyre with the kit, take care to drive slowly. You may not exceed a maximum speed of 80 km/hr.

# Maintenance

## ELECTRICAL SYSTEM

The main fuses of the motorhome are grouped in the control unit.



### CAUTION

Before replacing the external lights (especially if they are halogen lights), carefully read the instructions contained in the User and Maintenance manual of the chassis manufacturer.

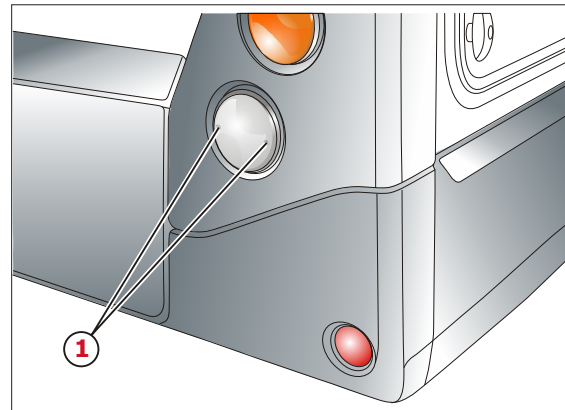
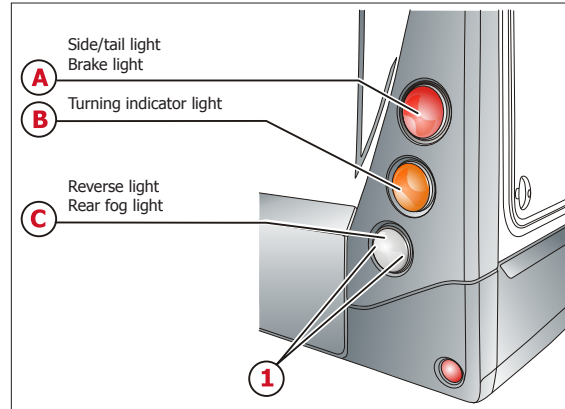
## EXTERNAL LIGHTS REPLACEMENT

### REAR LIGHT SET

The rear light set consists of single lights.

- A** – Brake light
- B** – Turning indicator light
- C** – Reverse/rear fog light

- Turn off the external lights and remove the key from the ignition.
- Unscrew fixing screws **1** of the transparent cover and remove.
- Remove the faulty light bulb (bayonet fitting) by pressing it gently and rotating in an anti-clockwise direction.
- Insert the new light by pressing it gently and rotating in a clockwise direction.
- Replace the cover and secure it with the screws.



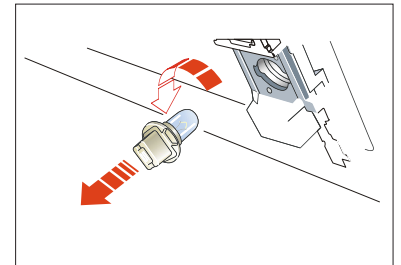
### TIPS

Do not tighten the screws excessively to avoid damaging the transparent cover.



### CAUTION

The voltage of the new bulb must be the same as that of the faulty bulb.



# Maintenance

## EXTERNAL LIGHTS REPLACEMENT

### REAR LIGHT SET

The rear light set consists of LEDs.

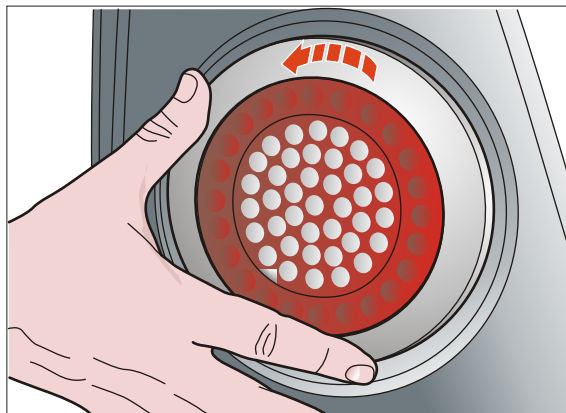
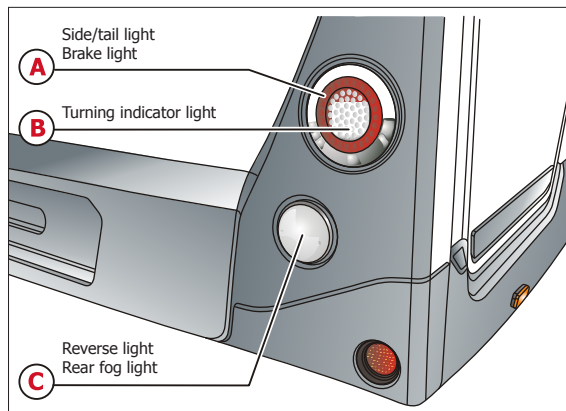
- A** – Brake light
- B** – Turning indicator light
- C** – Reverse/rear fog light

#### REMOVAL

- Turn off the external lights and remove the key from the ignition.
- Turn the bulb frame **1** anticlockwise.
- Loosen the fastening screw of the bulb and remove it from its seat.
- Disconnect the electric connection.

#### REFITTING

- Restore the electric connection of the new bulb.
- Fasten the bulb with its screws.
- Turn the bulb frame **1** clockwise to fasten.



### TIPS

Do not tighten the screws excessively to avoid damaging the transparent cover.

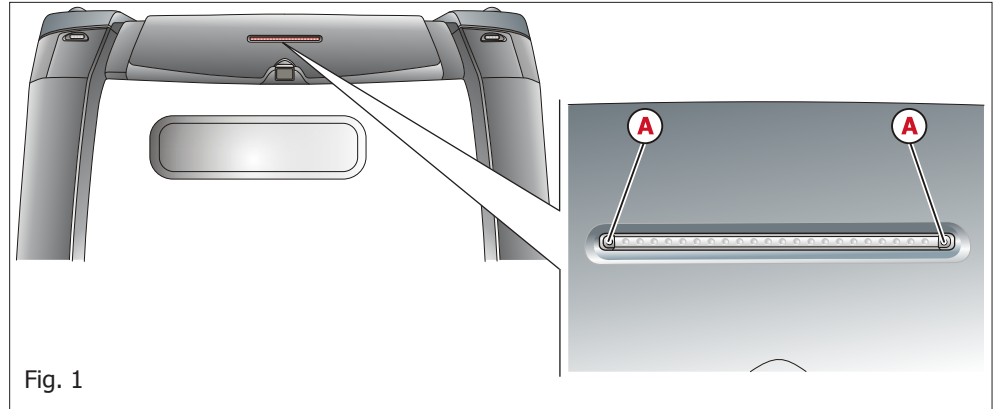


### CAUTION

The voltage of the new bulb must be the same as that of the faulty bulb.

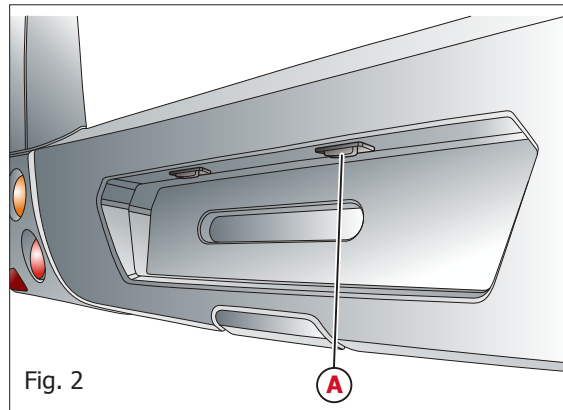
### THIRD BRAKE LIGHT

- Turn off the external lights and remove the key from the ignition.
- Unscrew fixing screws **A** of the third stop light and remove.
- Remove the connector by pressing it gently.
- Connect the new third brake light to the connector.
- Secure with screws **A**.



### REGISTRATION PLATE LIGHTS

- Turn off the external lights and remove the key from the ignition.
- Registration plate light **A** is fitted in the bumper. It can be removed with a screwdriver.
- Remove the faulty bulb and replace it.
- Refit the registration plate light and secure it with the two screws.



#### TIPS

Do not tighten the screws excessively to avoid damaging the transparent cover.



#### ATTENTION

The voltage of the new bulb must be the same as that of the faulty bulb.

# Maintenance

## CLEARANCE LIGHTS

### SIDE LIGHTS (Fig. 1)

- Turn off the external lights and remove the key from the ignition.
- Unscrew the two clamping screws of transparent cover **A** and remove.
- Remove the faulty bulb and replace it.
- Replace the cover and secure it with the screws.

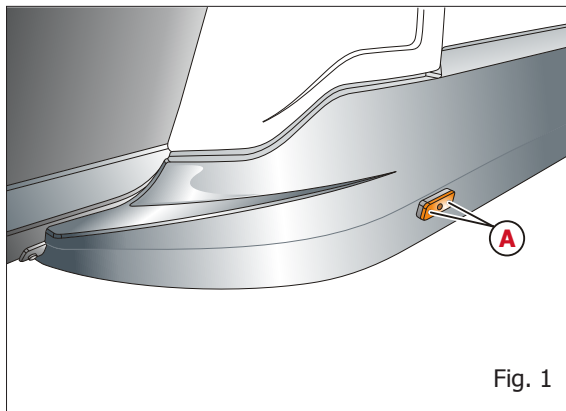


Fig. 1



### TIPS

Do not tighten the screws excessively to avoid damaging the transparent cover.



### ATTENTION

The voltage of the new bulb must be the same as that of the faulty bulb.

### OVERCAB CLEARANCE LEDS

(Fig. 2)

- Turn off the external lights and remove the key from the ignition.
- Loosen the two screws **A**, disconnect the cable and remove the LEDs.
- Connect the new LEDs and position them in the housing.
- Screw the two screws **A**.

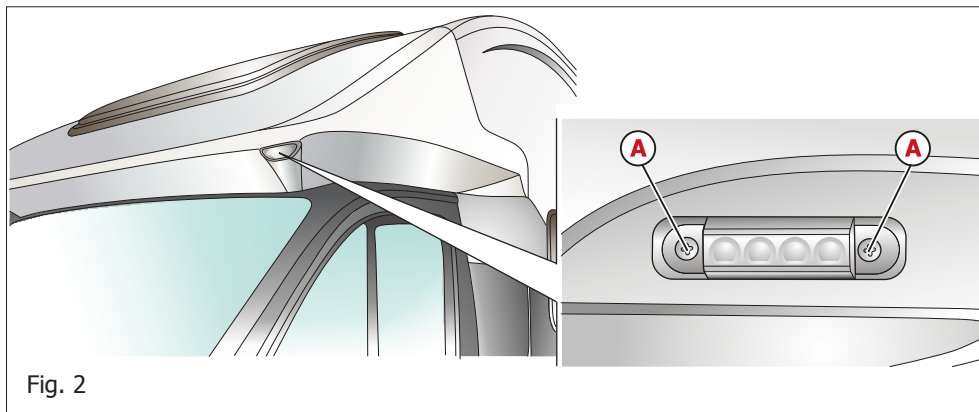
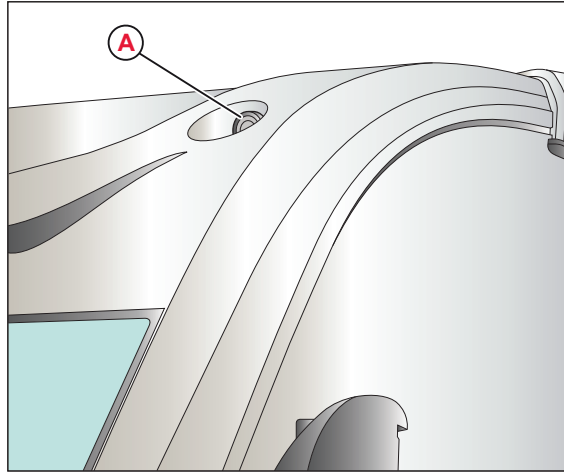


Fig. 2

### OVERCAB SIDE MARKER LED LIGHTS

- Switch off the exterior lights and remove the ignition key.
- Remove the side marker **A** and disconnect the connector by pressing it slightly.
- Connect the new light connector and position it in its housing.



### CAUTION

Restore the sealing after having replaced a side marker light.



# Maintenance

---

## PERIODS OF INACTIVITY

### SHORT-TERM INACTIVITY

If your motorhome is to remain inactive for a short period of time, certain measures need to be taken:

#### VEHICLE

- Fill the fuel tank with winter diesel to avoid condensation forming which can result in corrosion causing damage to the fuel supply system.
- If it is not possible to slightly raise the motorhome by means of jacks in order to ease the weight on the tyres, move the motorhome every 3 to 4 weeks to avoid deformation of the tyres.
- Protect the tyres from direct sun rays to avoid cracking.
- Check that there is sufficient air circulation between the ground and the underbody



### CAUTION

Recharge the batteries for at least 20 hours prior to a period of inactivity.



### CAUTION

When the safety discharge valve is disengaged, the water system is no longer protected against freezing.

## LIVING AREA

- Clean the fridge, leave the fridge and freezer doors half-open.
- Cover the dinette and seat cushions with a breathable sheet.

## GAS SYSTEM

- Close the main shut-off valve of the gas.
- Close all the gas taps.
- Remove the gas cylinders even if empty

## ELECTRICAL SYSTEM

- Fully charge the service and vehicle batteries.
- Disconnect the battery cut-off switch (under the driver's seat).

### WATER SYSTEM

- Empty the water system completely, including the water pipes. Leave water taps open. Leave all discharge taps open.
- Disconnect the safety discharge valve on the electrical control unit. This is to prevent the battery from discharging quickly.



### CAUTION

Humidity and lack of air caused, for example, by sheets or nylon coverings, can result in marks and stains on the motorhome surface.

### ACTIVITY DURING WINTER

Additional measures need to be taken during the winter period:

#### VEHICLE

- Thoroughly clean the bodywork and underbody
- Fill the fuel tank with winter diesel to avoid condensation forming which can result in corrosion causing damage to the fuel supply system.
- Check the anti-freeze in the radiator.

#### MOTORHOME

- Leave the forced ventilation open.
- Clean and lubricate all door and cupboard hinges.
- Cover all gaskets with talcum powder.

#### LIVING AREA

- Remove the cushions and backrests of the dinette and store them in a dry place.
- Aerate the interior of the motorhome every 2 to 3 weeks.
- Leave all cupboards and shelves empty. Open cupboard doors and drawers.
- Carefully clean inside cupboards.

#### ELECTRICAL SYSTEM

- Remove the vehicle and service batteries and store them in a place protected from freezing.

#### WATER SYSTEM

- Clean the water system using the products indicated.

## Maintenance

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### STANDARD FEATURES FOR INSTALLING ACCESSORIES

Depending on the model, your motorhome is fitted with standard features necessary for the installation of certain components and/or accessories.

These features may included:

- Bike rack attachments
- Power supply cable
- TV connection
- LCD TV bracket
- Veranda
- Heating system for grey water tank
- External light

#### BIKE RACK ATTACHMENTS

Four attachment points for a bike rack are present on the back wall of the motorhome. The bike rack is supplied as an optional.

#### POWER SUPPLY CABLE

A power supply cable is present in the roof of the motorhome for the possible installation of an electrical mechanism on the skylight. The cable connects the middle or rear skylight to the connection located on the control panel, in the cupboard or wall unit depending on the model. Voltage of 230V or 12V is available.



#### ATTENTION

Even if your motorhome has the standard features for installing accessories, we recommend that you always consult a dealer authorised by TRIGANO.



#### CAUTION

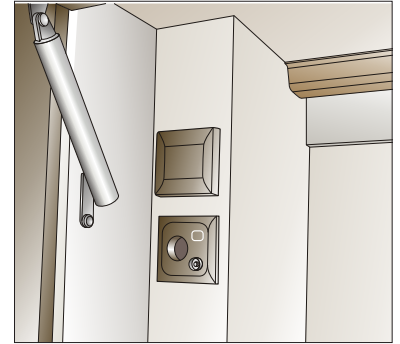
Check the power supply voltage of the component and/or accessory which you intend to install before connecting to the power supply cable. For further information, contact your TRIGANO dealer.

### TV CONNECTION

An area is provided in the motorhome for the installation of a television. The TV cable connection is located near this area.

### LCD TV BRACKET

Some motorhomes are provided with LCD TV bracket (optional) and aerial socket (standard). The type and installation of the LCD TV bracket varies according to the motorhome model.



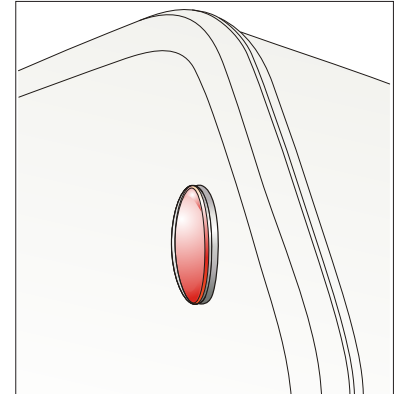
### VERANDA

An external veranda can be installed on the door side of the motorhome .



### CAUTION

The clearance lights support fixed to the wall must be fitted when installing the awning.



## Maintenance

### EXTERNAL LIGHT

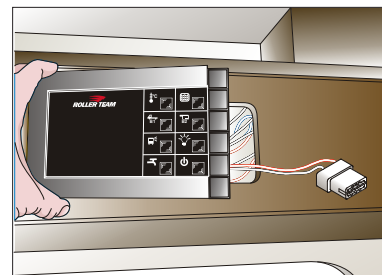
A setup for fitting the external light is provided on some vehicles.

As shown in the drawing, a power wire to be connected to the external light wire is provided in the control panel.



### ATTENTION

Do not install a connection without having connected a device with a shut-off valve; this would allow the water to continue flowing out of the system.



## Optional features

### OPTIONAL FEATURES

Depending on the model, the optionals supplied by TRIGANO are indicated in the technical data. Other optionals are available and supplied by official TRIGANO dealers. Verify with the dealer the applicability of the optionals before purchasing since different types of optional are designed for the various motorhome models. You can request some optional features after purchasing your motorhome, while others which are difficult or impossible to install are only available if requested at the time of purchase of the motorhome. Refer the installation of optionals to an official TRIGANO dealer who will make available their trained personnel to ensure no damage is caused to your motorhome and its passengers. Before installation, always check the compatibility of the optional features with your motorhome model.

A satellite dish powered via the fusebox can be installed on some models.

The satellite dish closed automatically when the engine is started. The satellite dish will not close if the vehicle starts off with the battery on/off switch in the off position.



#### TIPS

Read the instructions and warnings provided with the optionals installed.



#### CAUTION

The optionals and any accessories added to the original motorhome increase the unladen weight of the motorhome and proportionally reduce the useful weight. It is essential not to exceed the maximum permitted weight of the vehicle at full load.



#### CAUTION

It is important that you use homologated electrical components compliant with European Directive 2006/28/ EC regarding the suppression of radioelectric disturbances caused by spark-ignition engines. This measure avoids radioelectric interference between the vehicle's components.



#### CAUTION

The clamping bolts on alloy rings do not allow the installation of cast iron rings.

### BIKE RACK



Position the bicycles with the largest next to the wall. The rack can carry a maximum load of 60 kg. Take the greatest care not to obstruct the rear lights when using the bike rack. In the event that the lights are obstructed, mount a light unit to duplicate the rear lights. In the case of motorhomes with WC cassette storage compartments in the rear section, install the bike rack at least 40 cm from the compartment. To mount the bike rack closer to the rear wall, shorten the rack and use it only for small bikes or move the rack to the opposite side of the compartment so that the door can be opened without having to remove the bike rack. Remember that it is against the road code to obstruct the tail lights of the vehicle with the bike rack or bike being transported.

### SKYLIGHTS



Before setting off close the skylight and open the flyscreens and shades. To create shade when the skylight dome is closed on sunny days, do not close the shades completely. Rather leave the flyscreen open by a third and the shades by the remaining two thirds. This will prevent the heat becoming trapped between the dome and the shades, causing damage to the dome and frame. When the vehicle is not being used for a long period of time, keep the flyscreen and shades open.

## Optional features

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### WINTER PACK

The kit contains:

external heating pipe insulation, waste water tank pipe insulation, step insulation, insulated curtain and heated insulated tank with thermal probe. The heating element and thermostat can be easily connected to the cable provided installed near the tank. A switch can be installed in this compartment to turn on the thermal probe. The end of the cable is installed into the control unit compartment.

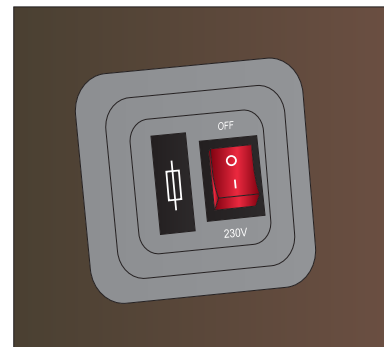
### HEATED FLOOR

Use the switch in the dinette to switch the floor heating on and off. The system is connected to the 220 V line and protected by a circuit breaker.

The floor heating is automatic according to the perceived temperatures. A film powered by a transformer connected to the 220 V line is present under the PVC mat.

The main advantages are:

- Energy efficiency and cost saving (100/320W average consumption)
- Automatic head adjustment
- No risk of overheating





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*Warranty*

8

### **WARRANTEE**

The Warranty Certificate describes in detail all the services and conditions provided to the customer and is given by the dealer to the customer at the time of purchase. This document indicates:

- Model (commercial identification)
- Chassis number
- Registration date

Please quote these details in your correspondence with our Technical Service Department.

The chassis warranty certificate will be given to you by the dealer when you purchase the vehicle. This procedure will be applied until otherwise instructed by the chassis manufacturer.

With regards to the chassis on which your motorhome is installed, please read the chassis manufacturer warranty certificate and the instruction manual provided by the chassis manufacturer. Follow all instructions it contains.

Any damage caused by improper use of components will not be covered by the present warranty.

The warranty does not cover modifications to and tampering with equipment or systems, or use of non-original spare parts. Aftermarket accessories installed are not the responsibility of TRIGANO.

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