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Motor Caravan

OWNERS
HANDBOOK

Issue 1



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WELCOME & INTRODUCTION

Thank you for choosing a motorhome manufactured by The Explorer Group.

Before you drive off, please familiarise yourself with the motorhome and read this owners' handbook. This will help you to obtain the maximum pleasure from your vehicle and avoid endangering yourself and others.

Additional information and detailed appliance instruction manuals are also contained in your Owner's Information Pack.

Your new Eddis motorhome has been designed as a recreational vehicle and is intended for recreational use only. It is not intended for business use or for permanent habitation. The Explorer Group accepts no liability if the motorhome is used for any purpose other than recreational/holiday use.

Please Note: All Explorer Group motorhomes are classified as Grade 3 and therefore meet with the thermal insulation and heat levels for specific climatic conditions as specified within the British and European Standard BS EN 1646 part 1.

By following the instructions provided in this handbook and maintaining your motorhome in a first class roadworthy condition, you are sure to have many years of carefree use. To ensure the very best quality and reliability all motorhome designs and new developments are rigorously tested. Therefore the Explorer Group Ltd will accept no liability or uphold the warranty if the motorhome is altered or modified in such a way that would adversely affect the reliability.

IMPORTANT

The Explorer Group serial number of your motorhome should be quoted in all correspondence, it can be found stamped on a plate fixed next to the motorhome door. It is also found within the engine compartment marked in blue ink. Your Explorer Group motorhome serial number can also be found on the NCC certificate that can be found within your Owner's Information Pack.

There is also a Peugeot serial number on the chassis cab or pillar, which should be quoted in any communications with Peugeot.

Changing market and supply situations may prevent us from maintaining the exact

specification details in this guide and we therefore reserve the right to alter specifications as materials and conditions demand and supply an alternative.

Enjoy your new motorhome.

End Of Life Vehicle Directive

Your new motorhome fully complies with the European Directive on the End of Life Vehicles. In order to obtain information on how to dispose of your motorhome at the end of its life please visit the Peugeot website. The Peugeot website contains full details on all Peugeot products together with details of their environmental and recycling policies. The site address is www.peugeot.co.uk.

Explorer Group Technical Approvals

All Explorer Group Motorhomes have been European Commission Whole Vehicle Type approved via the Vehicle Certification Agency (VCA). In order to ensure your new motorhome is safe to use the Explorer Group are members of and have been inspected by the following bodies.

National Caravan Council (NCC) who operate a certification scheme to ensure compliance with the European safety standards for motorhomes. National Inspection Council for Electrical Installation and Contracting (NICEIC) who carry out an annual inspection of the Explorer Group electrical installations within motorhomes.

Gas Safe Register™ approved installers carry out an annual inspection to ensure that the gas installation installed by the Explorer Group fully comply with all relevant regulations and standards.

The Explorer Group is an ISO 9001:2008 approved manufacturer certified by SGS Limited.

Please note: Explorer Group Motorcaravan model year.

The Explorer Group model year starts on the 1st September and runs to the 31st of August.



GENERAL SAFETY

Please read before using your new motorhome.

In order for you to get the most out of your new Explorer Group motorhome it is necessary for you to be aware of the following:

- (i) Do not obstruct ventilators (See Safety Section - Ventilation)
- (ii) Inspect the flexible gas hose regularly for deterioration and renew as necessary, with approved type, as and in any case no later than the expiry date stated on the hose.
- (iii) It is recommended that you provide a dry powder fire extinguisher complying with ISO 7165 of at least 1 KG capacity by the exit door and a fire blanket next to the cooker. Ensure you read the 'advice to occupier label' fitted to your motorhome.
- (iv) Never use portable cooking or heating equipment inside your motorhome. Do not use your fitted cooking equipment as heating at any time.
- (v) Never allow modification to your gas or electrical system unless qualified persons carry them out. A Gas Safe Register™ approved gas fitter should carry out all modification to the gas system. Any modifications carried out on the electrical system should be carried out by an electrician on the roll of the NICEIC or be a member of the ECA.
- (vi) Never exceed your motorhome's Maximum Technical Permissible Laden Mass.
- (vii) Never exceed the front or rear axle maximum load as specified by the Peugeot weight plate under the bonnet.
- (viii) Please ensure extra care when young children use high level bunks and always use the safety net provided.
- (ix) With the exception of the Alde heating system ensure all the gas taps for the appliances are turned off before travelling.
- (x) Do not leave children under 14 years of age unattended in your motorhome.

- (xii) Only those seats designated for travelling should be occupied when the motorhome is in motion.
- (xiii) Please note that motorhomes are covered by the new seat belt regulations, which came into force in October 2006. These require children that are under 12 years old and also under 135cm in height to be seated in either child seats or on bolster cushions.

Proper And Safe Use Of Storage Areas In Motorhomes

The storage areas provided in your motorhome are designed solely for the purpose of carrying personal possessions; these areas must not be used:

- As a habitation area (e.g. living, sleeping or cooking).
- To carry passengers, animals or livestock.
- For the installation (or use) of any LPG gas operated appliances, (unless supplied fitted by the manufacturer).
- For carrying LPG gas bottle cylinders, (unless designated by the manufacturer).
- To carry any flammable liquids, (unless properly stored, sealed and secured).
- For the operation of an electrical generator.
- In such a way that the loading exceeds the payload limit, as defined by the manufacturer.
- Such that the weight distribution of the vehicle means non-compliance with the vehicle axle loads.

Care must be taken to ensure that exterior doors are closed, locked and that all possessions are properly stored and secured before setting off on any journey.



VENTILATION

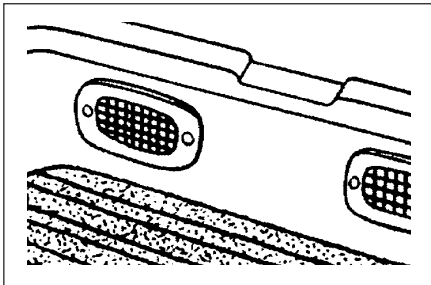
All motorhomes manufactured by The Explorer Group are ventilated at both high and low level in accordance with BS EN 721 Safety Ventilation. The fixed ventilation points fitted in your motorhome must not be blocked under any circumstances as your safety may depend upon them. It is advisable that the fixed ventilation points are checked and cleaned (where necessary) on a regular basis.

High-Level Ventilation

This is always provided by fixed ventilation within the fitted roof skylight. All roof skylights fitted by Explorer Group provide fixed free area ventilation. These roof skylights should be cleaned annually by use of a small brush to remove any dust that may have accumulated around the mesh fitted. On some roof skylights the mesh can be easily removed to aid cleaning. On fan-assisted roof skylights it is essential that the fan is switched off prior to cleaning

Low-Level Ventilation

The vents built into the step by the main entrance door provide lowlevel ventilation. These vents should be kept clear and cleaned regularly using soapy water.



Ventilation in Separate Bedrooms

In motorhomes with separated sleeping areas, separate ventilation is required and is provided via a roof skylight at high level and a ventilator at low level within a bed box.

Gas Dispersal Holes

All appliances and gas unions have a gas dispersal hole nearby. It is essential that these are not blocked or made ineffective.

FIRE SAFETY

Fire Extinguishers

It is recommended that a 1 kg (2lb) minimum capacity dry powder fire extinguisher be carried inside your motorhome at all times. Fat pan fire must not have an extinguisher aimed at it, but must be smothered with a fire blanket.

In Case Of Fire

- (i) Get everyone out of the motorhome as quickly as possible using whichever exit is quickest including windows. Do not stop to collect any personal items.
- (ii) Raise the alarm. Call the fire brigade.
- (iii) Turn off gas container valve if safe to do so.

Fire Retardant Foams

Under the requirements of the Consumer Protection Act 1987, the manufacturer has a responsibility to ensure that their product is as safe as possible. With this in mind all motorhomes are equipped with either Combustion Modified High Resilient (CMHR) foam cushions or sprung mattresses. These foams are very much safer from a fire point of view than those previously used. In addition all upholstery is made of fire retardant fabric.



PREPARING FOR THE ROAD

Before venturing out on to the road with your motorhome, it is important that you prepare correctly.

MOTORHOME WEIGHTS EXPLAINED

Mass in Running Order

The weight of your motorhome as it leaves the factory, as new with standard fixtures and fittings, plus an allowance for the driver of 75kgs and the mass of the fuel when the tank is full, 90% of the water carried in the water tank and an allowance for the gas bottles.

Maximum Technically Permissible Laden Mass

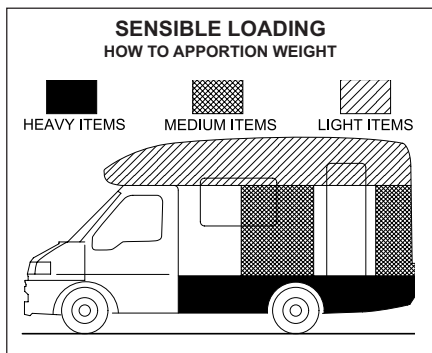
The maximum mass the vehicle can be when fully laden for use on the road.

User Payload

The load margin (payload), this represents the difference between the Mass in Running Order and the Maximum Technically Permissible Laden Mass. It shows the maximum weight that can be loaded into your motorhome, covering items such as food, crockery, cutlery, clothing, bedding, etc.

Loading

It should be noted that even weight distribution is a major factor in making your motorhome an easy and pleasant vehicle to drive. Care should therefore be taken in balancing the load, ensuring that heavy items are well spaced and are in as low a position as possible, for example, low cupboards and bed boxes.



IMPORTANT: Do not exceed recommended maximum loading for your motorhome.

Roof Racks

Some models of motorhomes have, available as an option, a roof rack and ladder. Care is needed when using this facility. We recommend you exercise extreme caution when loading and unloading.

CAUTION

Do not allow children to climb onto the roof. Do not exceed the stated maximum load. Items fitted other than standard equipment will deplete the payload stated in this handbook.

Roof Loading

All motorhomes have a specially designed roof rack system fitted or available as an optional extra. The roof of each motorhome is strengthened to accommodate the roof rack, however, the strengthened area only relates to that contained within the roof rack area, and to step beyond this area may cause damage to the roof.

Please Note: The roof rack is capable of withstanding a maximum weight of 12 stone/ 76kgs. Static roof loading or top box loading should be limited to a maximum of 76kgs including contents, or the limit set by the top box manufacturer, whichever is the lower figure.

WARNING: Under NO circumstances walk on the over cab roof section

Before venturing out on to the road with your motorhome, it is important that you prepare correctly.

Roof loads should be evenly distributed and securely fastened, but care must be taken not to overtighten straps or ropes to the point where roof rails or brackets may become distorted, particularly as during braking and cornering, forces exerted by straps or ropes are greatly increased.

It is also worth noting that when carrying heavy or large objects on the roof, the vehicles handling may change due to the resultant displacement of the centre of gravity and the increased area exposed to the wind.



BEFORE MOVING OFF

Whenever making a journey with your motorhome, either setting off on holiday or returning home, it is good practice to run through this simple checklist.

- (i) Close and secure all cupboards and drawers and check for any loose articles.
- (ii) Do not store tins, bottles, etc. in overhead lockers.
- (iii) Close and secure all windows and roof lights.
- (iv) Leave all curtains and blinds open to aid visibility.
- (v) Check that gas cylinders are securely fastened and that the valve on the gas cylinder is turned off. Also ensure that the gas locker door is securely fastened.
- (vii) Switch off 240volt supply at source; disconnect mains cable and store in an appropriate place.
- (viii) Check that the battery is secure and that the battery box lid is fastened.
- (ix) Ensure the fridge is on 12V operation and door lock is set. (Note: the electrical relays will allow the fridge to be run on the vehicle battery when the engine is running.)
- (x) Remove any external fresh water connections etc.
- (xi) Make sure any heavy articles are stored in accordance with the loading procedure. Tables should also be made secure.
- (xii) Lock the motorhome exterior door (remember to take out your keys).
- (xiii) Check your external rear view mirrors and adjust if necessary.
- (xiv) If a step is used, ensure it is put away before moving off.
- (xv) Your new Explorer Group motorhome has been designed to carry passengers in designated passenger seats only. The fitting of a 3-point seat belt can identify these seats. Any seat not fitted with a 3point seat belt is not designated as a passenger seat.

- (xvi) You are strongly recommended not to carry passengers unless they are seated in a designated passenger seat.

For Safety

- (i) Ensure all the tables have been stored in their designated table storage position.

Pulling Off

- Engage the clutch smoothly.
- Avoid wear and tear on clutch and transmission by taking extra care.
- Change gears smoothly.
- Try not to jerk the clutch.



MOTORWAY HANDLING

Best Practice

To gain the most enjoyment and ensure a long life for your motorhome, the following should be observed:

- Do not bump kerbs with wheels.
- When passing other vehicles allow more than the normal clearance.
- Allow longer to get up speed to pass. Do not suddenly swing out.
- Carry out all manoeuvres as smoothly as possible.
- Use the nearside wing mirror to check your motorhome has cleared when overtaking.
- Slow down and take care when driving over raised speed bumps, 'sleeping policemen' or when embarking/ disembarking ferries.
- In high or cross winds, travelling downhill or in conditions of poor visibility reduce your speed.
- High-sided vehicles can cause air buffeting so extra care must be taken when passing or being passed. Leave as much space as possible when overtaking these types of vehicles

Speed Limits

Be sure to observe all statutory speed limits and adapt your speed to take account of prevailing weather and road conditions.

WARNING

Ensure the wheel is of the same construction and size as the one that has been removed.

Bicycle Racks

Fitting a bicycle rack to the rear panel of a motorhome will affect how weight is distributed. There are restraints to be aware of with such fittings.

We would advise you to carry a maximum of 75kgs on the bicycle rack provided this does not exceed the bicycle racks own weight limit.

The motorhome must also be balanced to take into account the new weight distribution. Weight must be distributed evenly.

Bicycle racks are not standard fit or supplied as an optional extra by The Explorer Group.

Explorer cannot be held responsible for problems related to a bicycle rack fitted by a third party. A copy of the rear panel drawing must be obtained from The Explorer Group to ensure correct fixing points are located.



ARRIVING ON SITE

CHECK SITE REGULATIONS

On arrival at a campsite, you should always check the site regulations. This will help avoid any unnecessary conflict with site management and other site users.

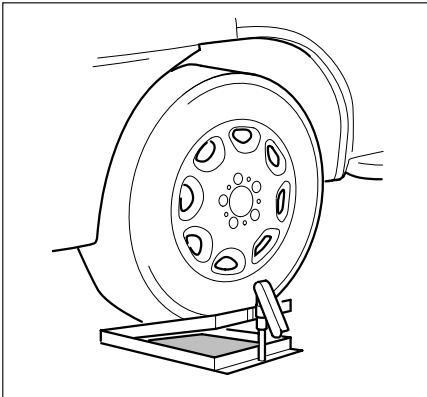
SELECTING A PITCH

Carefully select where you wish to place your motorhome. The site should be as level as possible, preferably not under or near trees, well drained and away from possible boggy areas. Consider how you will move the motorhome when it is time to leave the site. On sloping ground it is better to pitch facing downhill, especially during wet weather.

LATERAL LEVELLING (SIDE TO SIDE)

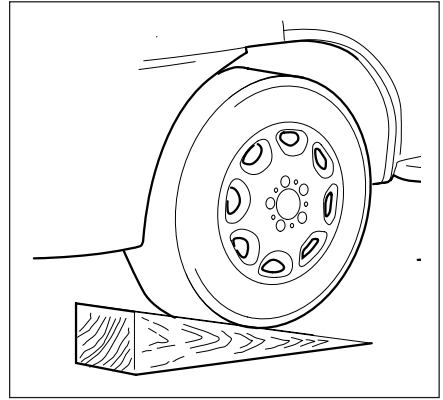
A quick glance at your pitch should tell you if you are likely to need side to side levelling i.e. levelling across the axle. On uneven ground lateral levelling is accomplished by the use of a leveler jack or ramp and a spirit level placed 'across' the motorhome floor.

LEVELLER JACK



Place the leveller jack, folded flat, in front of the wheel that is to be raised to level the axle. Drive the motorhome onto the leveler jack and adjust the height until the spirit level shows that the motorhome is laterally level.

RAMP



Reverse onto your pitch about a foot further back than you wish to end up. Then place the levelling ramp in front of the wheel that needs to be raised.

Place a spirit level parallel to the axle or just inside the motorhome door. It helps to have two people at this point. One should drive the motorhome very slowly forward moving the wheel up the ramp, and the other should indicate when the spirit level bubble is in the middle.

Whichever method you use, once level, apply the motorhome handbrake and chock the motorhome wheel if necessary.



GETTING STARTED

You have arrived at your destination and now want to start to enjoy your new Explorer Group motorhome. The following is a step by step guide to connecting your services and getting everything in your motorhome working.

ELECTRICITY

Power Supply Charger

Your motorhome is fitted with a power supply/charger. This will charge the motorhome leisure battery when fitted and also power the 12V systems in your motorhome.

It is recommended that you always carry a leisure battery.

The Charger is fully automatic and will not overcharge the leisure battery.

12v Systems:

Your motorhome is fitted with an automatic system for selection of power.

When connected to the 230V site supply the automatic Power Supply/Charger will charge the leisure battery and the 12V systems.

When the ignition is switched on the 12V system in the motorhome is automatically switched off, car power is supplied to the refrigerator and battery charging is in operation.

GENERATOR/CHARGER

When connecting to a generator, always switch off the RCD, start the generator and allow running for a few minutes to stabilize. When this has happened, switch the RCD to the ON position.

ELECTRICITY MAINS SUPPLY

Your motorhome's main electrical installation is designed to run on 230V at 50 hertz AC supply.

CONNECTING TO MAINS SUPPLY ON ARRIVAL AT SITE

Before connecting the motorhome installation to the mains supply, check that:

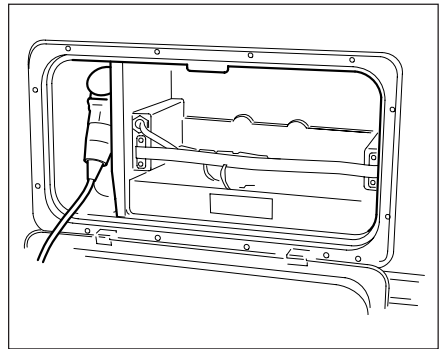
- (i) The mains supply is suitable for your installation and appliances, i.e. whether it is AC or DC and whether it is at the correct voltage and frequency.
- (ii) Your motorhome is properly earthed. Never

accept a supply from a socket outlet or plug having only two pins, or from a lighting outlet.

- (iii) Any residual current device (earth leakage circuit breaker) in the mains supply to the motorhome has been tested within the last month. In case of doubt, consult the site owner or their agent.
- (iv) Make sure that the switch at the site supply point is off and that all electrical equipment in the motorhome is switched off by ensuring your motorhome mains isolating switch on the MCB is in the 'OFF' position.

Once the above checks have been made:

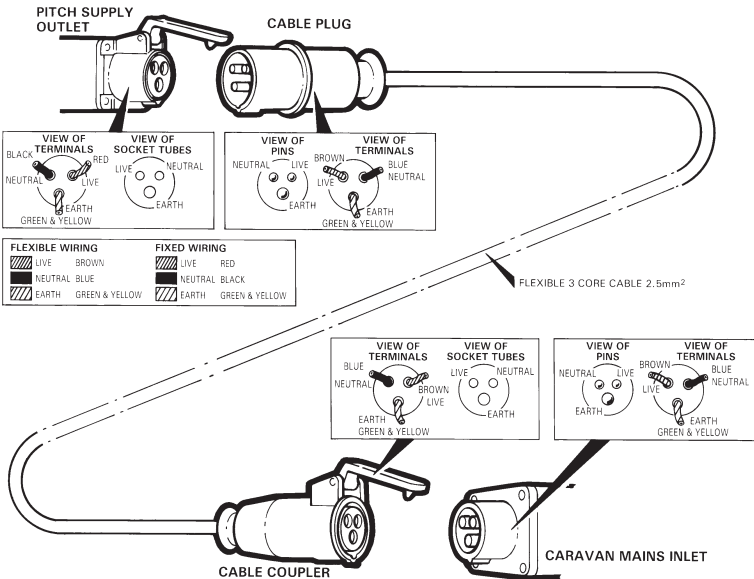
- (v) Remove any cover to the electricity inlet provided on the motorhome, and insert the female connector of the flexible orange supply cable as shown.



- (vi) Locate the site supply and remove any cover from the socket outlet provided at the supply point. Insert the male plug at the other end of the flexible orange supply cable. Switch on the main switch at the site supply point (if appropriate).
- (vii) Place any surplus cable under the motorhome. Ensure that the surplus cable is not coiled up as it could overheat.
- (viii) The MCB main electricity supply switch should be put in the 'ON' position.
- (ix) Check the RCD is working by pressing the test button. Once pressed all electrical lights and appliances should cease to operate. Reset, and then check the electrical system is operational.



WIRING OF CONNECTING CABLE AND MOTORHOME MAINS INLET



WARNING: It is essential that connections are made exactly as shown. If terminal markings are not in accordance with the above diagram they must be ignored.

- (x) Finally in order to get your 12V system operational, ensure the master 12V switch is in the 'ON' position.

DISCONNECTING MAINS SUPPLY WHEN LEAVING SITE

- (i) Switch 'OFF' at the motorway mains isolating switch.
- (ii) Remove the male plug from the site supply.
- (iii) Disconnect the female plug from the motorhome and store the cable in an appropriate locker.

OVERSEAS ELECTRICAL CONNECTION

Please Note: Connection to a mains voltage supply OVERSEAS requires particular attention.

Care must be taken when connecting supplies abroad since the supplies can be of REVERSE POLARITY.

The significance of REVERSE POLARITY is that when equipment is switched off, it may not be electrically isolated. The only certain way of making equipment safe is to unplug it.

A means of checking the polarity of the mains supply when overseas is recommended. There are available several proprietary makes of equipment for the purpose.

If it can be achieved, it is preferable to connect live to live, and neutral to neutral to maintain full electrical protection.

CHECK all motorhome equipment is set-up to accept the site supply before actually switching on.



GAS SUPPLY






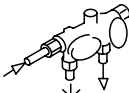
Your motorhome is designed to operate using either propane or butane liquefied petroleum gas at 30M/bar. Gas can be obtained from your motorhome dealer. Your motorhome is designed to accept a maximum 2 x 6kg Calor Lite propane cylinders available from motorhome dealers and Calor gas retailers. For further information please visit www.calorlite.co.uk.

Connection

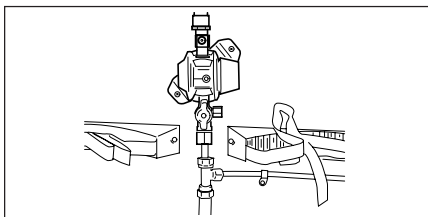
Make sure that heating and cooking appliances and gas cylinders are switched off.

Each gas appliance is connected to its own gas isolation tap under the cooker. These are identified on the tap via a label. Below is a key to identify each label.

To operate the tap the arrow on the tap shows the direction of flow for the gas. The arrow should be pointing towards the appliance for the appliance to operate. There will be a small label next to the bank of taps under the cooker, which is also reproduced below:

 Water Heater	 Cooking Appliance
 Space Heater	 Hob
 Refrigerator	 Gas On/Off

Gas Regulator



Your 2010 Motorhome is fitted with a Road safe gas regulator.

The operating instructions are given below.

Intended use

The Truma SecuMotion gas-pressure regulator is a device that ensures uniform gas pressure (30 mbar) with a permissible inlet pressure range of 0.3 - 16 bar.

SecuMotion regulates and monitors the consumption of liquid gas. If the specified consumption is exceeded or if the pressure at the regulator outlet falls below 27 mbar (due to gas pipe break, for example), the integrated gas flow monitor will shut off the flow of gas. A high pressure hose with a hose-break safety device is essential for connecting the SecuMotion gas pressure regulator to the gas cylinder.

Truma offers hoses with common connection fittings to enable use of gas cylinders with various valve connection sizes.

Your Motorhome has been supplied with a hose for connection to a propane gas bottle.

The integrated overpressure safety device complies with the requirements for a commercial safety device against impermissible pressure increases throughout Europe, a type tested liquefied-gas heating system **may be used** while driving (according to the EU directive 2001/56/EC) if the system includes a regulator with an appropriately configured gas installation.

Pressure regulating devices and hoses must be replaced with new ones no more than 10 years after their date of manufacture (every 8 years if used commercially). This is the responsibility of the operator.



ROAD SAFE GAS REGULATOR

Operating instructions

The use of upright gas cylinders from which gas is **taken in the gas phase** is mandatory for the operation of gas regulators, gas equipment and gas systems. Gas cylinders from which gas is taken in the liquid phase (e.g. for fork lifts) must not be used, since they would result in damage to the gas system.

Taking into operation

Open gas remote switch if present.

1. Open the cylinder's valve.
2. Firmly press the green reset button on the high pressure hose.
3. Press gas flow monitor reset button (green button) on gas pressure regulator **slowly**.
4. Release gas flow monitor reset button (green button) on gas pressure regulator **slowly** (3 seconds). If no pressure point is felt when the button is pressed again, the regulator is ready for operation (repeat procedure if necessary). Start the gas-burning devices if desired. If the gas cylinders are closed, SecuMotion may switch off after an extended period of no usage.

Changing a gas cylinder

Please use the included screwing tool to attach and remove the high pressure hoses. It will help you generate the necessary tightening torque and will prevent damage to the screw fittings, which may otherwise result from using an improper tool.

Residual gas: No smoking! No open flames!

- Close the empty gas cylinder's valve.
- Remove the high pressure hose from the gas cylinder and remove the clip-on adapter, if present.
- Attach the high pressure hose to the full gas cylinder and apply the clip-on adapter, if present.
- Open the full cylinder's valve.
- Press the hose-break safety device and the gas-flow monitor (see "Taking into operation").

Anytime after making changes, check the hose connection to the cylinder valve for leaks (see "Checking for leaks in the high pressure area").

Exchanging hoses.

Please use the included screwing tool to attach

and remove the high pressure hoses. It will help you generate the necessary tightening torque and will prevent damage to the screw fittings, which may otherwise result from using an improper tool.

Residual gas: No smoking! No open flames!

- Close the gas cylinder's valve.
- Remove the high pressure hose from the gas cylinder (or from the slip-on adapter) and from the regulator inlet.

When performing a hose change, please ensure that the white gasket provided with the hose (hose outlet - regulator inlet) is correctly installed and not damaged.

We recommend that the gasket (part no. 50020-76300) be replaced with every hose change.

- Screw country-specific high pressure hose to SecuMotion inlet and cylinder (or to adapter).
Open the gas cylinder's valve.
- Press the hose-break safety device and, if necessary, the gas-flow monitor (see "Taking into operation").

Anytime after making changes, check the hose connections to the cylinder valve and to the inlet of the SecuMotion gas-pressure regulator for leaks.



High Pressure Gas Hoses

You should only connect to this regulator using a length of approved high-pressure hose not exceeding 450mm from the gas cylinder to the regulator. These approved high-pressure hoses are available from your Elddis Retailer. These hoses are connected using screw thread fittings, which will make a seal if connected and tightened using a spanner. Once the hose is securely connected turn on the gas tap above the regulator, then turn on the gas bottle to allow gas to flow into the caravan.

In order to make all your caravan gas appliances operational it is necessary to open each appliance gas tap as detailed in previous column. All your gas appliances should now be operational. Instructions on how to use each appliance are detailed later in your handbook.

WARNING: Aerosols and highly flammable liquids must not be stored in the compartment behind, or adjacent to, any gas appliance. Some industrial LPG appliances operate at high pressure and require a 'high pressure' regulator. This often has an adjusting handle on it. NEVER use such a regulator on a caravan.

Ventilation holes must be clear at all times.

WATER SYSTEM

Filling your fresh water tank

Your new Elddis motorhome is fitted with a Whale Autofill water system. In order to fill up and automatically top up your water tank from either a fixed water supply or a water container please follow the instruction given on the next page.

Please take care not to over fill your tank it is advised that someone monitors the water level in the tank while filling is in progress.

Waste Water Tank

Your new Explorer Group motorhome is also fitted with a 60 litre waste water tank. All waste water excluding the toilet waste will run into the waste water tank. The level of water in the tank can be monitored using the control panel.

Opening the grey waste outlet provided on the outside of the motorhome empties the tank.

Open the tap when the outlet is over a drain and the water will run out of the tank.

Draining Down Your Water System

- (i) It is essential that you drain down your motorhome water system when it is not in use. This is most important during winter months to protect against frost damage
- (ii) Disconnect the water pump and switch off power supply.
- (iii) Remove the water heater fuse from the switch spur and store in a safe place.
- (iv) Open the safety drain valve on the water heater located next to the water heater.
- (v) Open all taps and remove all plugs from sinks and showers. Lever operated taps should have the lever put into the up and central position.
- (vi) Open both the blue and grey drain outlets on the outside of your motorhome.
- (vii) Adjust the level of the motorhome to ensure that the drain outlet is at the lowest point of the motorhome. This will aid the flow of water to ensure all water is drained off.

After 30 minutes level the motorhome and prepare it for storage if necessary.

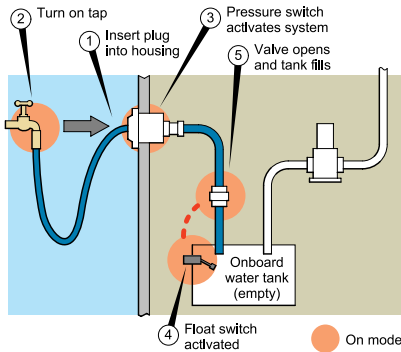


How to fill your motorhome's water tank

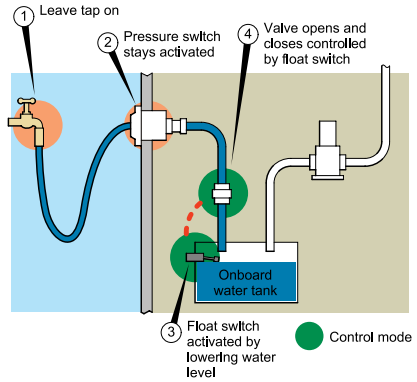
Your new Elddis motorhome is fitted with a Whale Autofill water system. In order to fill up and automatically top up your water tank from either a fixed water supply or a water container please follow the instruction given below.

Auto filling and top up using mains water stand pipe

Filling

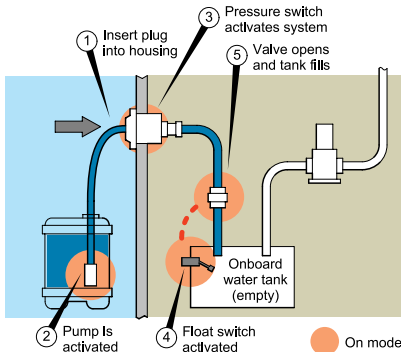


Top Up

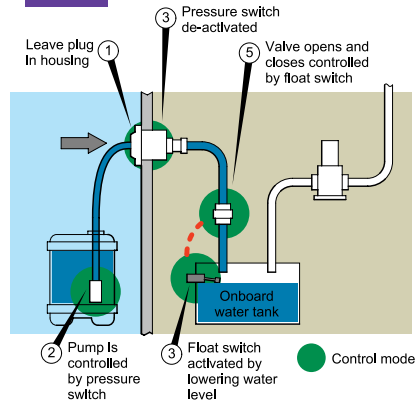


Auto filling and top up from water container using submersible pump

Filling



Top Up





GAS SAFETY ADVICE

In the event of a suspected gas leak the gas must be turned off using the isolation valve on the gas bottle. A competent gas fitter should then check the system before it is used/reused.

Regularly check flexible gas hose, joints and connections for tightness. Finally, make sure that each gas appliance is working efficiently to the recommendations of the appliance manufacturers.

See Index - Ventilation

FACTS ABOUT LPG

- LPG is not poisonous.
- Bi-products are harmless.
- LPG is dangerous if all air and oxygen is excluded.
- LPG has been given a smell by the manufacturers in order to identify leaks.
- The gas is heavier than air and therefore sinks to the lowest point.

AWNING SPACES, LPG AND APPLIANCE EXHAUST

There is no danger of pollution of an enclosed awning space from the LPG exhaust from a refrigerator venting into it. Space heaters may produce sufficient exhaust to pollute the awning space, if it is totally enclosed, from a general comfort, smell and hygiene point of view. In extreme cases there could be a build up of carbon dioxide to a dangerous level. Motorhome owners are advised to allow some fresh air circulation in the awning space when such appliances are in use.

Please Note: Ventilation holes must be clear at all times.

LPG GAS SYSTEM

The Explorer Group does not recommend the use of any external cylinders. All cylinders in use should be within the gas locker provided. If you wish to utilise a larger cylinder and have this outside the gas locker then the connecting hose must not exceed 750mm.

It is recommended that no flammable material is stored or placed within 300mm of any open flame. Your attention is also drawn to the fact that the surface of the Space Heater in your motorhome will get hot when in use. You are advised not to use any additional gas appliances outside your motorhome unless it is a Gas Barbecue connected via the Barbecue point supplied with your motorhome.

Please ensure that you have read the operating instructions for each gas appliance contained in your Owners Information Pack. Please ensure that any gas hose left unconnected is protected from dirt or other foreign bodies entering the hose.



ELECTRICAL SYSTEM

12v POWER SUPPLY

Battery Installation

Your motorhome will be fitted with a BCA Leisure charging and power distribution unit.

If you wish to install a leisure battery please ensure that it is placed on the battery tray supplied with your motorhome. Then place the tray in the battery locker fitted to the side of your motorhome. Connect the battery to the clamp fittings connected to the connection leads within the battery box.

The Explorer Group recommends that you use sealed for life leisure batteries of a minimum rating off 40 ampere-hours at 20 hours discharge rate.

Battery Maintenance

Your leisure battery should be maintained in accordance with the manufacturer's instructions. For information on the automatic charging system in your motorhome please refer to 'Automatic Charging System' in the index.

Do not charge your leisure battery with any charger other than that supplied. Failure to comply may cause damage to your battery. If you remove your leisure battery, ensure that it is not placed on a cold surface as the battery will deteriorate more rapidly than if stored at a suitable temperature

Generators / Charger

All electrical equipment fitted in your new motorhome can be run from either a controlled generator or charger whose output is maintained between 11volts and 14volts.

At least once every 3 years, the motorhome electrical installation should be inspected and tested, and a report on its condition obtained, as prescribed in British Standard BS7671.

230v POWER SUPPLY

Mains Unit

The Mains Unit replaces the conventional fuse box. Similar, but larger ones are often fitted in new houses. The unit, normally located in the wardrobe, gives overloads and earth leakage protection for the 230V electrical supply in your motorhome.

For normal operation all switches on the unit need to be in the ON position. The switches on the left of the unit are known as MCB's (miniature circuit breakers). These take the place of the conventional fuse but are more convenient. In the event of a fault the MCB 'trips' i.e. automatically moves to the OFF position. After elimination of the fault the MCB can be re-set by switching to the ON position (against the spring pressure in an upwards direction). If an earth fault develops, or a person was to touch a live piece of equipment, the leakage of current to earth should immediately operate the RCD (residual current device) and 'trip' the main switch, to the OFF position. This switch can only be re-set after elimination of the fault.

Please Note: In case of difficulty, consult an approved electrical installation contractor (who may be the local electricity board). It is dangerous to attempt modifications and additions yourself.

Caution: Lamp holder-plugs (bayonet- cap adaptors) should not be used under any circumstances.

Resetting the RCD

To re-set, operate the switch as for MCB's. Periodically, the RCD should be checked by operating the test button marked 'T'. The unit should immediately switch to the OFF position. If the unit does not switch off then a qualified electrician should be consulted. If the unit does switch off, the test is complete and the switch can be re-set restoring the supply back to normal.

Please Note: Simultaneous operation of all of the 230V mains electrical equipment may not be possible. A typical UK site mains hook-up point provides a maximum output of 16 amps and on some continental sites the available output may be as low as 5 amps. If your loading exceeds the site supply it may trip the site circuit breaker. Please check the available mains output with your site operator. The following items need to be added together if used simultaneously.

230V mains equipment typical consumption figures:

- Refrigerator 0.50 amps
- Charger 0.50 amps
- Water heater 3.9 amps
- Blown air heaters 8.5 amps
- Colour TV 2.50 amps



AUTOMATIC CHARGING SYSTEM

The battery charger will operate automatically when the motorhome is connected to the mains outlet on a motorhome site. The 12V system, with the exception of the 12V refrigerator and battery charging, will not operate when the motorhome is connected to the towing vehicle.

CHECK all motorhome equipment is set-up to accept the site supply before actually switching on.

INTERNAL LIGHTS

Your new Aspire caravan is fitted with all LED lighting.

You should not need to replace these long life lights, however should the need arise please only replace these lights with identical lights which are available from your Elddis retailer.

Please Note: Ensure that you only replace a blown bulb with one of the same rating. Never replace a bulb with one with a higher rating. You should ensure that when fitted, no bulb is in contact with the surface of the lamp or shade.



HOW TO USE YOUR MOTORHOMES EQUIPMENT

Within this section of your motorhomes handbook we will give you brief details on how to operate all of the motorhomes equipment from the gas cooking equipment to the window blinds. For further details on the major equipment within your motorhome please read the individual appliance instructions contained with your user information pack.

Please Note: Before attempting to use any gas equipment please ensure that the gas bottle is connected securely to the motorhomes regulator via a high pressure gas hose and the bottle valve is in the on position. Also ensure the appliance isolation valves are in the on position as shown in the gas system section.

Please Note: Before attempting to use any electrical appliance please ensure that you have connected the mains connection cable to a mains hook up and that the mains isolation switch is in the on position. Ensure the 12V master switch is in the ON position. This is found in the side of the unit next to the entrance door.

HOW TO OPERATE YOUR MOTORHOME ENTRANCE DOOR

From the Outside

To Unlock

Insert the key and turn key anti clockwise until it is in a vertical position, then return it to a horizontal position. This will unlock the door.

Now pull the handle toward you and the door should open.

To lock the door.

Ensure the locking pins on the inside of the door are in the position shown in figure 1 and then close the door using a reasonable force.

Note. The door fitted is of a burst proof type and therefore requires more force to close than a normal motorhome door.

Once the door is closed insert the key and turn the key clockwise until it is in the vertical position then returning it to the horizontal position. Remove the key then pull the handle to ensure the door is locked.



Figure 1

From the inside

To open the door

Ensure the locking pins on the inside of the door are in the position shown in figure 1 and then close the door using a reasonable force.

Note. The door fitted is of a burst proof type and therefore requires more force to close than a normal motorhome door.

Turn the inside door knob clockwise while simultaneously pushing the door open. The knob will return to its original position once you release it.

To close and lock the door

Turn the knob anti clockwise the knob will click into a position and remain there. The door is now locked. Please note that due to British Safety standards this door cannot be locked using a key from the inside.

CAUTION It is strongly recommended that only Gas Safe Register™ approved gas fitters carry out any work on your motorhomes gas installation.

High Pressure Gas Hoses

You should only connect to this regulator using a length of approved high-pressure hose not exceeding 450mm from the gas cylinder to the regulator. These approved high-pressure hoses are available from your Explorer Group Retailer.



These hoses are connected using screw thread fittings, which will make a seal if connected and tightened using a spanner. Once the hose is securely connected turn on the gas tap above the regulator, then turn on the gas bottle to allow gas to flow into the motorhome.

In order to make all your motorhome gas appliances operational it is necessary to open each appliance gas tap as detailed in previous column. All your gas appliances should now be operational. Instructions on how to use each appliance are detailed later in your handbook.

WARNING: Aerosols and highly flammable liquids must not be stored in the compartment behind, or adjacent to, any gas appliance. Some industrial LPG appliances operate at high pressure and require a 'high pressure' regulator. This often has an adjusting handle on it. NEVER use such a regulator on a motorhome.

Ventilation holes must be clear at all times.

ELECTRICAL CONTROL PANEL

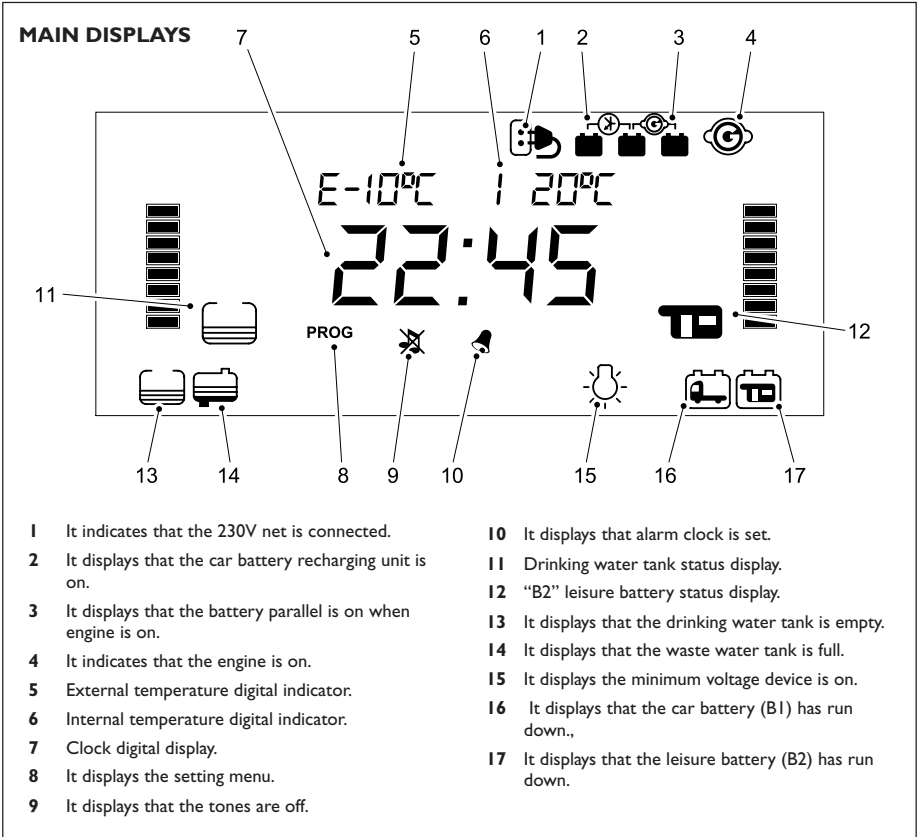


- 1 Button for control of car and leisure batteries voltage (in Volt) and for the regulation of the programmable parameters' setting (see SETTING).
- 2 Button for the control of drink water tank (in %), for drinking water refilling function operation (see "DRINK WATER TANK REFILLING" function) and for the regulation of the programmable parameters' setting (see SETTING).
- 3 "PROG" button for system setting (see SETTING).
- 4 On/off main button (to turn on/off press for 2 seconds): at the start-up the display carries out a functioning test and shows all symbols (including unused symbols). If the relevant LED is green the control panel is on, if it is red an alarm is on (batteries, tanks, etc.).

- 5 Button to switch the lights on and off.
- 6 Button to switch the pump on and off.
- 7 Awning light button; this ext. light switches automatically off when you start up the engine, depends on the button rif.5.

NOTE: The watch is supplied from the leisure battery (B2).

Should B2 be disconnected, the watch is able to keep working, without visualization, for about 2 weeks.



FUNCTIONS

CAR BATTERY ALARM (B1)

When car battery voltage goes below 12V, Car Battery Discharge alarm goes on and the symbol ref. 16 starts blinking. Alarm goes off when the voltage goes above 12.5V

CAR BATTERY RECHARGE (B1)

With battery charger: an electronic device allows the recharge (max 2A) of car battery (B1). Priority is given to leisure battery (B2) charge.

LEISURE BATTERY ALARM (B2)

When leisure battery voltage reaches 11.5V the leisure battery reserve alarm goes automatically

on, the symbol ref. 17 starts blinking, you hear a short beep. When the leisure battery voltage reaches 10.5V, the Leisure Battery Discharge alarm goes automatically on, the symbol ref. 17 starts blinking, you hear two short beeps. Alarms go off when the voltage goes above 12.5V.

LEISURE BATTERY RECHARGE (B2)

a) Through engine alternator: through spreader relays while engine is running. The ignition controls the relays electronically: parallel, fridge, awning light, etc.

b) through 230V net: pad system through battery charger.

c) through solar panel: through solar charge regulator.



FUNCTIONS (continued)

MINIMUM VOLTAGE CONTROL (BATTERY PROTECTION)

The electronic battery protection device disconnects the 12V users when leisure battery reaches 10V and disables: pump, lights, awning light, stove, 12V sockets, Omniventfans, motorized bed and TV antenna. Symbol ref. 15 is the visual alarm signal.

It is possible to connect all users for one more minute by pressing the on/off button (ref. 4 on control panel).

The control panel automatically turns off with a voltage lower than 9.5V.

Users are automatically reconnected with a voltage higher than 13.5V.

This device doesn't control the the 12V users connected directly to the leisure battery 132.

TANKS

a) Drinking water tank with electronic probe: visualization in % (steps of 5%). b) Waste water tank with screw probe.

DRINKING WATER TANK ALARM

Alarm turns on when drinking water level goes below 15% of the tank capacity and automatically turns off when level exceeds 25%. Alarm is acoustic (when engine is off), visual (symbol ref. 13 blinking).

WASTE WATER TANK ALARM

Alarm turns on when the waste water level exceeds the screw sensor level.

Alarm is shown acoustically (when engine is off) and visually with the symbol ref. 14 blinking.

DRINKING WATER TANK REFILLING

This function is used during the drinking water refilling and indicates the water level during refilling.

To activate this function press the "test tank" button ref.2 for more than 2 seconds, until the "water refilling" is displayed on the screen.

The control panel beeps in order to warn that tank is getting filled: one short beep at 75%, two short beep at 85% and a long beep at 95%.

To exit this function press buttons ref. 1 or 2.

AWNING LIGHT AUTOMATIC TURN OFF

An electronic device switches off the awning light when engine is turned on

DIGITAL CLOCK

To set clock see "SETTING".

ALARM CLOCK

To set and activate/deactivate the alarm clock see "SETTING". To reset alarm press any test button; there is no delayed alarm!

TEMPERATURE

- Both int. and ext. temperatures have a sensor, which is placed inside or outside of the vehicle.

- The precision of the temperature value is ± 1 °C.

ELECTRONIC BATTERY SEPARATOR

An electronic device controlled by the ignition switches on the batteries parallel when the car battery voltage is over 13,5V and switches off when engine is off or voltage is lower than 12.2V. This device operates only if the B2 leisure battery is connected.

This device controls the relays of the users depending from exit simulating +OUT D+ (3 way function fridge, awning light, antenna motion, etc.).




USER'S SETTING

- To enter the set mode, press the "PROG" button (ref. 3) for more than 2 seconds from the main clock screen.
- Select, by pushing the arrow keys ref. 1 and 2, the setting menu you want to operate and then confirm by pushing the "PROG" button ref. 3;
 - by selecting "CLOCK" you operate the menu to set only the parameters clock and alarm clock
 - by selecting "SYSTEM" you operate the menu to set all parameters.
- By using the arrow keys ref. 1 and 2 you can modify the setting of the parameters.
- Confirm the setting by pushing the "PROG" button (ref. 3), you then go automatically to next parameter.
- Press the "PROG" button (ref. 3) more than once to save the settings and exit the setting mode.
- To exit without saving wait 30 seconds without pressing any key.


CLOCK SETTING



- Clock setting
 - HOURS (blinking)
 - MINUTES (blinking)



- Activation of alarm clock
 - ON (activation)
 - OFF (deactivation)



- Set alarm clock time (only if alarm clock has been previously activated)
 - ON (activation)
 - OFF (deactivation)



SYSTEM SETTING

CLOCK
22:45
PROG

- Clock setting
 - HOURS (blinking)
 - MINUTES (blinking)

ALM. CLOCK
ON
PROG

ALM. CLOCK
23:45
PROG

- Activation of alarm clock
 - ON (activation)
 - OFF (deactivation)
- Set alarm clock time (only if alarm clock has been previously activated)
 - ON (activation)
 - OFF (deactivation)

COLOR
7
PROG

- Backlight colour selection

MIN. BRIGHT.
0 %
PROG

- Display's backlight setting when control panel is in stand-by

TONES
ON
PROG

- Activation/Deactivation of acoustic alarms



SYSTEM SETTING (continued)

<p>INT. TEMP. +20.5 PROG</p>	<ul style="list-style-type: none">• Setting internal temperature, step 0.5°C
<p>EXT. TEMP. +25.5 PROG</p>	<ul style="list-style-type: none">• Setting external temperature, step 0.5°C

<p>B2 SET 12.8V PROG</p>	<ul style="list-style-type: none">• Setting of the leisure battery "B2" voltmeter. Max. value +/- 0.5V, step 0.1V
<p>B1 SET 12.6V PROG</p>	<ul style="list-style-type: none">• Setting of the car battery "B1" voltmeter. Max. value +/- 0.5V, step 0.1V

<p>SMITTER ON PROG</p>	<ul style="list-style-type: none">• Activation/Deactivation visualisation in bars of the leisure battery and fresh water status in the starting page.<ul style="list-style-type: none">- ON (activation)- OFF (deactivation)
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COOKING EQUIPMENT

WARNINGS

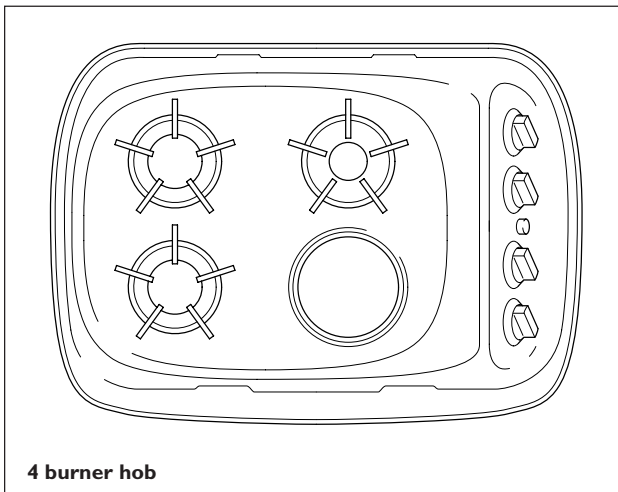
- (i) All pans should be mounted centrally over the burners, even when cooling, to protect adjacent walls.
- (ii) Do not lower the glass cover until hob has cooled down.
- (iii) Glass lids may shatter when heated. Turn off all burners and grill before shutting the lid. The glass cover should be raised when operating the grill.
- (iv) Accessible parts may be hot when the grill and oven are in use. Young children should be kept away.
- (v) Do not use grill or oven as a space heater.
- (vi) When you are cooking it is essential to provide additional ventilation, such as opening windows near grill, cooker and oven.

Gas Hob

USING THE APPLIANCE

CAUTIONS

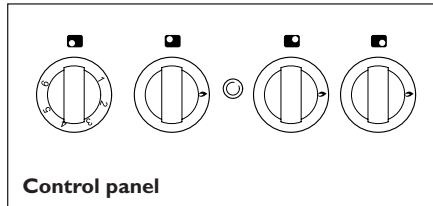
- Glass lids may shatter when heated. Turn off all hotplates and allow to cool before closing the glass lid.
- Remove all spillage from the surface of the glass lid before opening.
- The glass lid has a tendency to snap



shut towards the end of lowering. This is caused by the travel lock action of the hinges as it is activated. Make sure all fingers are removed from appliance when closing the lid.

- The appliance is not intended for use by young children or infirm persons without supervision.
- Young children should be supervised to ensure that they do not play with the appliance.

Electric Hotplate



Ensure the electricity is switched on.

The hotplate control is numbered from 1 to 6. To turn it on, rotate the knob either clockwise or anti-clockwise to the required position. Position 1 is the coolest setting.

To turn the hotplate off, rotate the knob until the line or pointer on the knob lines up with the zero on the control panel.

The hotplate is a sealed construction and transfers heat through conduction. For maximum efficiency a correctly sized pan with a flat heavy gauge base should be used. Pan size should be the same or slightly larger (up to 1 1/2.5cm oversize).

Before using your hotplate for the first time, we recommend that you prime and then season it.

To prime it, switch on the hotplate for a short period, without a pan, to harden and burn off the coating. Use a medium to high setting for 3-5 minutes. A non toxic smoke may occur during this process. Allow



it to cool, then season.

To season, first heat the hotplate for 30 seconds on a medium setting, then switch off. Pour a minimal amount of unsalted vegetable oil onto a clean dry cloth or paper towel, and apply a thin coat of oil to the hotplate surface. Wipe off any excess oil, then heat the hotplate on a medium setting for one minute. Occasional seasoning will help to maintain its appearance.

Gas Burners

Ensure the gas cylinder is turned on.

In the event of a gas smell turn off at the cylinder and contact supplier.

Burners - Each burner is controlled individually and is monitored by a flame supervision device. In the event of the burner flames being accidentally extinguished, turn off the burner control and do not attempt to re-ignite the burner for at least one minute.

To light the burner, press in and turn the knob anti-clockwise to the full rate position and apply a light to the burner or press the ignition button if fitted. It is necessary to hold the knob depressed during ignition and for approximately fifteen seconds after the burner has lit to allow the probe to reach temperature. Should the flame go out when the knob is released, the procedure should be repeated holding the knob depressed for slightly longer.

Using the appliance

For simmering, turn the knob further anti-clockwise to the low rate position.

To turn the burner off, rotate knob fully clockwise until the line on the knob lines up with the dot on the control panel.

The burners on this appliance have fixed aeration and no adjustment is required. Depending on the gas being used, the burners should flame as follows:

Propane - the flames should burn quietly with a blue/green colour with no sign of yellow tips.

Butane - Normally on initial lighting, as small amount of yellow tipping will occur and then slightly increases as the burner heats up.

Each burner will accommodate pans from 10 to 20cm apart from one burner which will accept a

22cm pan. For right hand control units this burner is the rear left, and for the left hand control units this burner is the front right.

In all cases, care should be taken not to overload the appliance as reduced performance may result. When using small pans, the flame should not spread beyond the base of the pan as this will reduce the efficiency of the burner.

Do's and Don'ts

- DO read the user instructions carefully before using the appliance for the first time.
- DO allow the burners to heat before using the first time, in order to expel any smells before the introduction of food.
- DO clean the appliance regularly.
- DO remove spills as soon as they occur.
- DO check that controls are in the off position when finished.
- DO NOT allow children near the appliance when in use. Turn pan handles away from the front so that they cannot be caught accidentally.
- DO NOT allow fats or oils to build up in the base of the hotplate.
- DO NOT use abrasive cleaners or powders that will scratch the surfaces of the hotplate.
- DO NOT under any circumstances use the appliance as a space heater.

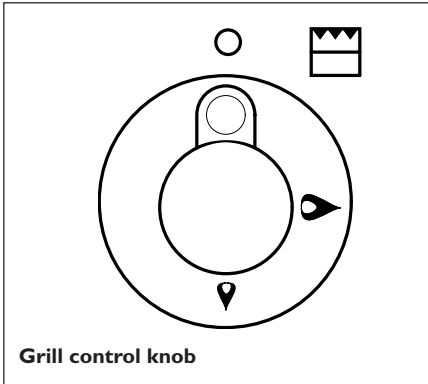
LEAKS

If a smell of gas becomes apparent, turn off supply **IMMEDIATELY** at the cylinder. Extinguish naked lights including cigarettes and pipes. Do not operate electrical switches. Open all doors and windows to disperse any gas escape. Butane/Propane gas is heavier than air; any gas escaping will therefore collect at low level. The strong unpleasant smell of gas will enable the general area of the leak to be detected. Check that the gas is not escaping from an unlit appliance. Never check for leaks with a naked flame; leak investigation should be carried out using a leak detector spray or soapy solution.



Gas Grill

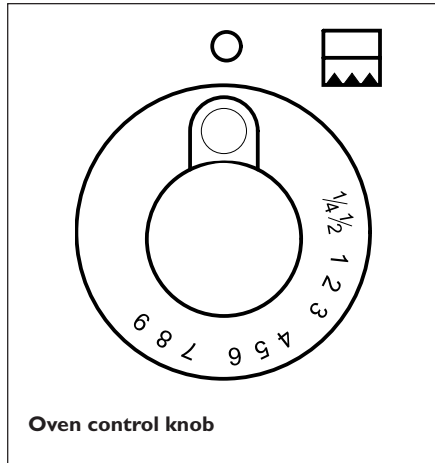
- (i) Turn the grill control knob to the high flame position and with the knob depressed press the electronic ignitor button. If the grill does not light within 20 seconds then turn off the grill control knob for at least 30 seconds before trying again.
- (ii) Once the grill lights it will be necessary to keep the grill control knob depressed for 5 to 10 seconds to ensure the flame failure device is heated enough to operate.



Grill control knob

Gas Oven

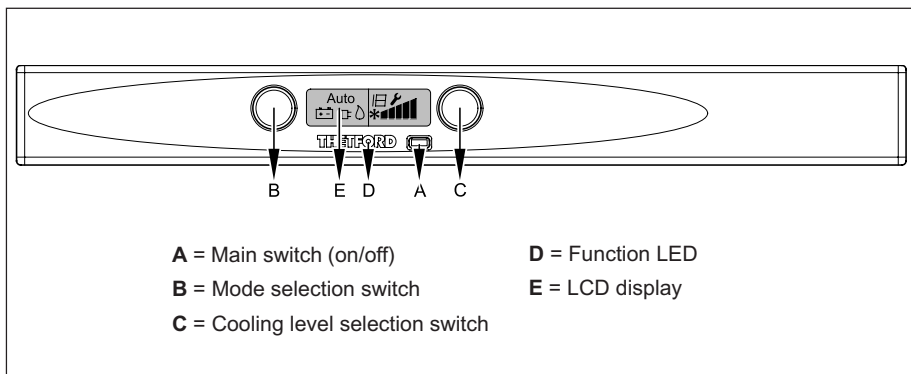
- (i) Turn the gas oven control knob to maximum then depress the knob while pressing the electronic ignitor button. If the oven does not light within 20 seconds turn off the control knob and wait for 30 seconds before trying again.
- (ii) Once the oven is lit it will be necessary to keep the control knob depressed for 5 to 10 seconds to ensure the flame failure device is heated enough to operate.



Oven control knob



REFRIGERATOR MODEL THETFORD NI 12 LCD



OPERATING INSTRUCTIONS

When the caravan is on tow, the refrigerator should only be operated electrically, i.e. from the 12V battery in the towing vehicle and not by means of the bottled gas.

The refrigerator can be run on 230V or LP gas whilst stationary.

CAUTION: Only use one source of energy at a time.




WARNING: The refrigerator should not be operated on LP gas whilst being towed or when on a petrol station forecourt.

Switching on the refrigerator

- Clean the inside of the refrigerator before you switch it on.
- Let the refrigerator run for at least eight hours before you place food in it for the first time.

SMART ENERGY SELECTION (SES)

When you start up the refrigerator (equipped with Smart Energy Selection (SES)) you should usually select the AUTO mode. The SES system will then automatically select the best of the three available energy sources. The system will apply the following priority:

- mains voltage (230V) 
- direct current (12V) 
- liquid gas 

If an energy source becomes available that has a higher priority than the source the refrigerator is currently using (e.g. if your vehicle engine is started), the system will stop using the current energy source and switch to the energy source with the higher priority.

If a fault occurs in one or more of the possible energy sources, the system will not generate an error message while an alternative energy source is still available. The SES system switches over automatically.

Note: If none of the energy sources are available, the blue LED flashes every second and an error code is shown in the display.

Automatic models additionally allow you to select the desired energy source manually.

Important: The memory of the SES system saves every change made to the setting. Consequently, the SES system will start up on each subsequent occasion in the last-selected setting.

1. Open the valve of the gas bottle.
2. Open the taps of the gas supply.
3. Press main switch (A). The function LED will turn blue and all symbols on the LCD display will light up.
4. Use the mode selection switch to select the "Auto" function or one of the power supplies that you want. The LCD display will show the option you have selected.
5. Set the desired refrigerating cooling level by



means of the cooling level selection switch (C).

The LCD display will show the cooling level setting you have selected.

- A. Use the main switch to switch the refrigerator on and off. The function LED will turn blue. The display LCD shows the most recent settings. After 10 seconds the LCD display's backlight will go out. The function LED remains blue.
- B. Press the mode selector switch and the LCD display backlight will show the setting for 10 seconds. Pressing the mode selector switch successive times takes you through the menu in the following sequence: AUTO, manual DC (12V), manual gas, manual mains voltage (230V) and back to AUTO. Select either the AUTO option or one of the other power supplies that you want to use. The LCD display shows the option you have selected. If you select the AUTO option, the system will choose the most suitable power supply and the AUTO symbol and the symbol of the power supply chosen by the system will both be shown on the LCD display. Ten seconds after release of the mode selector switch, the system will switch off the LCD backlight.
- C. Use the cooling level selector switch to control the temperature of the refrigerator. When you press the cooling level selector switch, the LCD backlight will light up and show the currently set temperature. Every time you press the cooling level selector switch again, you set the refrigerator one position cooler. On reaching the coldest temperature, the system will start again at the warmest temperature setting. Ten seconds after release of the cooling level selector switch, the system will switch off the LCD backlight.

POWERING WITH ELECTRICITY

Powering with electricity can be selected both by the Auto mode (only Automatic fridges) and manually.

Auto mode

Mains voltage (230V): This energy source will be selected if the mains voltage is greater than 200V. This power supply requires a continuous current of 12V to operate the electronic control system.

Direct current (12V): The SES system will select 12V powering only if a mains voltage (230V) is unavailable, the vehicle engine is running and a voltage higher than 11V is available. If a fault occurs during electrical powering (230V or 12V), an error message will not be shown on the display as long as another energy source is available. The system will automatically switch to the available energy source that has the highest priority.

Selecting electrical power manually

Mains voltage (230V): The LED warns you whenever insufficient voltage is available or if a fault occurs. If this happens, the LED will start flashing once per second and an error code is shown in the LCD display. When sufficient current is available again, or the fault has been resolved, the LED will emit a steady blue light again.

Direct current (12V): The LED warns you whenever your vehicle's engine is not running, or if a fault occurs, or if sufficient voltage is available. If this happens, the LED will start flashing once per second and an error code is shown in the LCD display. Once the engine is running, or the fault has been resolved, or sufficient voltage is available again, the LED will again emit a steady blue light.

NB: If the refrigerator has been manually set to operate at 12V, it will not automatically switch to another energy source when your vehicle's engine is not running. In this case, the refrigerator will stop cooling.

POWERING WITH GAS

Powering with gas can be selected both by the Auto mode (only Automatic fridges) and manually.

Auto mode

The system will select gas operation if mains voltage (230V) is unavailable; or the vehicle's engine is not running.

Once mains voltage (230V) is available again or the vehicle's engine is running, the system will switch to the available energy source that has the highest priority if the fridge is in Auto mode.

If the refrigerator switches from 12V DC to gas operation when it is in auto mode, the system will wait for about 15 minutes before igniting the



gas. During this time, however, the gas indicator lamp will come on. The delay is built in to avoid it switching to gas operation whenever you stop to refuel your vehicle. You can cancel the delay by immediately switching the refrigerator off and then on again.

If the system selects gas operation, the ignition will be activated automatically. The gas will flow to the burner and be lit by the electric ignition. If the flame goes out, the gas will immediately be lit again.

Selecting gas operation manually

If the flame cannot be lit within 30 seconds, the gas supply will stop and gas mode will be switched off. The LED will start flashing every second and an error code is shown in the LCD display.

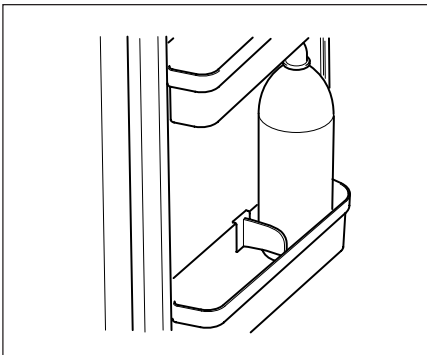
The gas mode can be reset only if the refrigerator is switched off. If you switch the refrigerator on again and the gas mode is still not working, the LED of the manual gas mode will flash to indicate that gas is unavailable and an error code is shown in the LCD display.

Switching off the refrigerator

Push the main switch (A). The blue LED will go out. The refrigerator is now completely switched off.

Use the special storage latch on the door locking mechanism to fixate the open door. This prevents unpleasant odours and mould in the refrigerator.

Securing products for driving



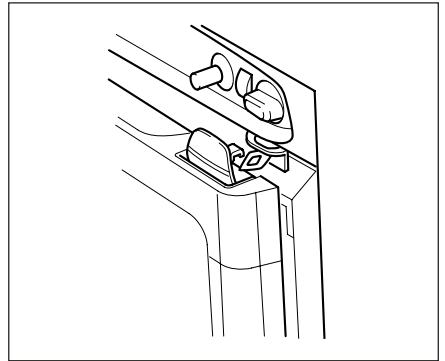
One of the racks in your refrigerator has a system for securing products during driving. The

system consists of a simple click-and-slide plastic strip. To secure products on the rack while driving, push the plastic strip as tightly as you can against the products on the rack.

In the storage space on the inside of the refrigerator door, there is the unique Thetford flexible bottle slide. The slide prevents bottles from sliding around during driving. Push the slide against the products in the door or place the products between the bottle slide.

Door locking mechanism

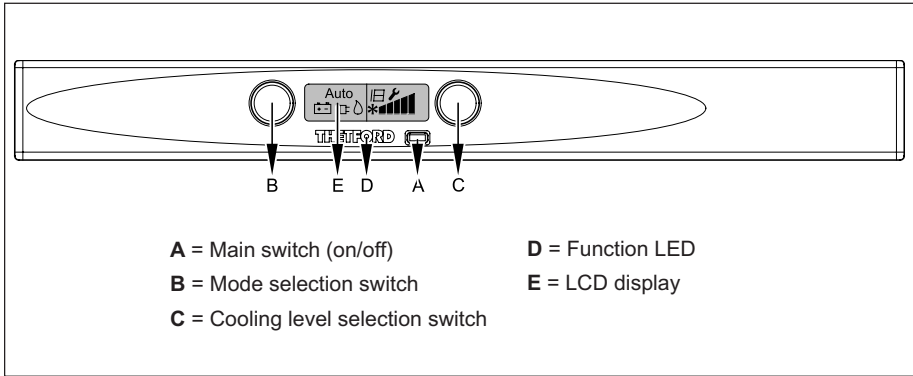
The refrigerator door has an automatic locking



mechanism. The door locks automatically when you press it shut firmly. The lock releases unnoticed when you open the refrigerator with your hand. This automatic locking mechanism also keeps the refrigerator door shut during driving. For some models an additional security device is fitted below the refrigerator. By pushing the locking bar over the pin when the door is closed, you can make doubly sure that the door does not come open during your journey.



REFRIGERATOR MODEL THETFORD NI75 LCD



OPERATING INSTRUCTIONS

When the caravan is on tow, the refrigerator should only be operated electrically, i.e. from the 12V battery in the towing vehicle and not by means of the bottled gas.

The refrigerator can be run on 230V or LP gas whilst stationary.

CAUTION: Only use one source of energy at a time.




WARNING: The refrigerator should not be operated on LP gas whilst being towed or when on a petrol station forecourt.

Switching on the refrigerator

- Clean the inside of the refrigerator before you switch it on.
- Let the refrigerator run for at least eight hours before you place food in it for the first time.

SMART ENERGY SELECTION (SES)

When you start up the refrigerator (equipped with Smart Energy Selection (SES)) you should usually select the AUTO mode. The SES system will then automatically select the best of the three available energy sources. The system will apply the following priority:

- mains voltage (230V) 
- direct current (12V) 
- liquid gas 

If an energy source becomes available that has a higher priority than the source the refrigerator is currently using (e.g. if your vehicle engine is started), the system will stop using the current energy source and switch to the energy source with the higher priority.

If a fault occurs in one or more of the possible energy sources, the system will not generate an error message while an alternative energy source is still available. The SES system switches over automatically.

Note: If none of the energy sources are available, the blue LED flashes every second and an error code is shown in the display.

Automatic models additionally allow you to select the desired energy source manually.

Important: The memory of the SES system saves every change made to the setting. Consequently, the SES system will start up on each subsequent occasion in the last-selected setting.

1. Open the valve of the gas bottle.
2. Open the taps of the gas supply.
3. Press main switch (A). The function LED will turn blue and all symbols on the LCD display will light up.
4. Use the mode selection switch to select the "Auto" function or one of the power supplies that you want. The LCD display will show the option you have selected.
5. Set the desired refrigerating cooling level by



means of the cooling level selection switch (C).

The LCD display will show the cooling level selection you have selected.

- A. Use the main switch to switch the refrigerator on and off. The function LED will turn blue. The display LCD shows the most recent settings. After 10 seconds the LCD display's backlight will go out. The function LED remains blue.
- B. Press the mode selector switch and the LCD display backlight will show the setting for 10 seconds. Pressing the mode selector switch successive times takes you through the menu in the following sequence: AUTO, manual DC (12V), manual gas, manual mains voltage (230V) and back to AUTO. Select either the AUTO option or one of the other power supplies that you want to use. The LCD display shows the option you have selected. If you select the AUTO option, the system will choose the most suitable power supply and the AUTO symbol and the symbol of the power supply chosen by the system will both be shown on the LCD display. Ten seconds after release of the mode selector switch, the system will switch off the LCD backlight.
- C. Use the cooling level selector switch to control the temperature of the refrigerator. When you press the cooling level selector switch, the LCD backlight will light up and show the currently set temperature. Every time you press the cooling level selector switch again, you set the refrigerator one position cooler. On reaching the coldest temperature, the system will start again at the warmest temperature setting. Ten seconds after release of the cooling level selector switch, the system will switch off the LCD backlight.
- D. The N175 Fridge/Freezer fitted in twin axle models has a divider heater. By heating the metal plate between the fridge and freezer cabinet, the divider heater prevents ice forming when the freezer door is opened and also prevents the freezer door from freezing stuck to the metal breaker of the fridge. To save energy, the divider heater can be switched off. The switch can be found on the side of the control panel near the latch.

POWERING WITH ELECTRICITY

Powering with electricity can be selected both by the Auto mode (only Automatic fridges) and manually.

Auto mode

Mains voltage (230V): This energy source will be selected if the mains voltage is greater than 200V. This power supply requires a continuous current of 12V to operate the electronic control system.

Direct current (12V): The SES system will select 12V powering only if a mains voltage (230V) is unavailable, the vehicle engine is running and a voltage higher than 11V is available. If a fault occurs during electrical powering (230V or 12V), an error message will not be shown on the display as long as another energy source is available. The system will automatically switch to the available energy source that has the highest priority.

Selecting electrical power manually

Mains voltage (230V): The LED warns you whenever insufficient voltage is available or if a fault occurs. If this happens, the LED will start flashing once per second and an error code is shown in the LCD display. When sufficient current is available again, or the fault has been resolved, the LED will emit a steady blue light again.

Direct current (12V): The LED warns you whenever your vehicle's engine is not running, or if a fault occurs, or if sufficient voltage is available. If this happens, the LED will start flashing once per second and an error code is shown in the LCD display. Once the engine is running, or the fault has been resolved, or sufficient voltage is available again, the LED will again emit a steady blue light.

NB: If the refrigerator has been manually set to operate at 12V, it will not automatically switch to another energy source when your vehicle's engine is not running. In this case, the refrigerator will stop cooling.

POWERING WITH GAS

Powering with gas can be selected both by the Auto mode (only Automatic fridges) and manually.



Auto mode

The system will select gas operation if mains voltage (230V) is unavailable; or the vehicle's engine is not running.

Once mains voltage (230V) is available again or the vehicle's engine is running, the system will switch to the available energy source that has the highest priority if the fridge is in Auto mode.

If the refrigerator switches from 12V DC to gas operation when it is in auto mode, the system will wait for about 15 minutes before igniting the gas. During this time, however, the gas indicator lamp will come on. The delay is built in to avoid it switching to gas operation whenever you stop to refuel your vehicle. You can cancel the delay by immediately switching the refrigerator off and then on again.

If the system selects gas operation, the ignition will be activated automatically. The gas will flow to the burner and be lit by the electric ignition. If the flame goes out, the gas will immediately be lit again.

Selecting gas operation manually

If the flame cannot be lit within 30 seconds, the gas supply will stop and gas mode will be switched off. The LED will start flashing every second and an error code is shown in the LCD display.

The gas mode can be reset only if the refrigerator is switched off. If you switch the refrigerator on again and the gas mode is still not working, the LED of the manual gas mode will flash to indicate that gas is unavailable and an error code is shown in the LCD display.

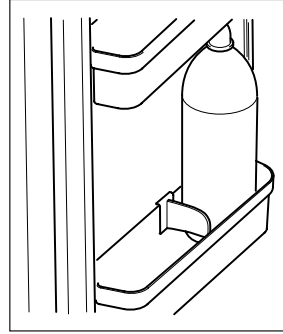
Switching off the refrigerator

Push the main switch (A). The blue LED will go out. The refrigerator is now completely switched off.

Use the special storage latch on the door locking mechanism to fixate the open door. This prevents unpleasant odours and mould in the refrigerator.

Securing products for driving

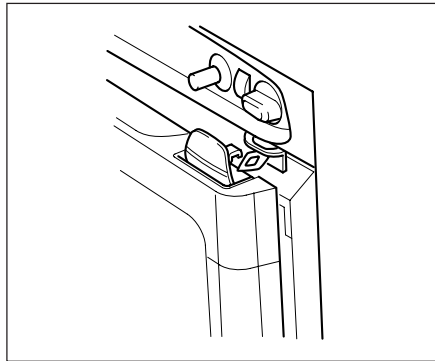
One of the racks in your refrigerator has a system for securing products during driving. The system consists of a simple click-and-slide



plastic strip. To secure products on the rack while driving, push the plastic strip as tightly as you can against the products on the rack.

In the storage space on the inside of the refrigerator door, there is the unique Thetford flexible bottle slide. The slide prevents bottles from sliding around during driving. Push the slide against the products in the door or place the products between the bottle slide.

Door locking mechanism



The refrigerator door has an automatic locking mechanism. The door locks automatically when you press it shut firmly. The lock releases unnoticed when you open the refrigerator with your hand. This automatic locking mechanism also keeps the refrigerator door shut during driving. For some models an additional security device is fitted below the refrigerator. By pushing the locking bar over the pin when the door is closed, you can make doubly sure that the door does not come open during your journey.



TROUBLESHOOTING

Before calling the authorised Service Department please check whether:

- The instructions in the section “Using the refrigerator” have been followed.
- The refrigerator is not tilted excessively.
- It is possible to operate the refrigerator with an available power source.

Failure: The refrigerator does not work in gas operation mode.

- | | |
|---------------------------------------|--|
| a) Gas bottle empty. | a) Change gas bottle. |
| b) Is the supply cut-out device open? | b) Open the cut-out device. |
| c) Air in the gas pipe? | c) Switch device off and on again 3-4 times to remove air from the gas pipe. |

Failure: The refrigerator does not work on 12V.

Possible cause

- a) On-board fuse defective.
- b) On-board battery discharged.
- c) Engine not running.

Action you can take

- a) Fit new fuse.
- b) Check battery, charge it.
- c) Start engine.

Failure: The refrigerator does not work on 230V.

Possible cause

- a) On-board fuse defective.
- b) No connection to supply voltage.
- c) AES: gas operation despite connection to the supply voltage?

Action you can take

- a) Fit new fuse.
- b) Establish power connection.
- c) Appliance switches to gas operation due to insufficient supply voltage (automatically switches back to 230V operation).

Failure: The refrigerator does not cool sufficiently.

Possible cause

- a) Inadequate ventilation to the unit.
- b) The thermostat setting is too low.
- c) There is too much ice on the condenser.
- d) Too much warm food put inside.
- e) Appliance running for a short time.

Action you can take

- a) Check that the ventilation grilles are not covered.
- b) Turn the thermostat to a higher setting.
- c) Check that the refrigerator door seals when shut.
- d) Let food cool down first.
- e) Wait several hours, check again.



MAINTENANCE

- Works on gas components and electrical installation may only be carried out by authorised personnel. We recommend to contact your Dometic Service Centre.
- EN 1949 stipulates that the appliance's gas equipment and its associated fume system must be inspected after installation and a certificate issued.

Afterwards a qualified technician must inspect according to EN 1949 every two years and a certificate issued.

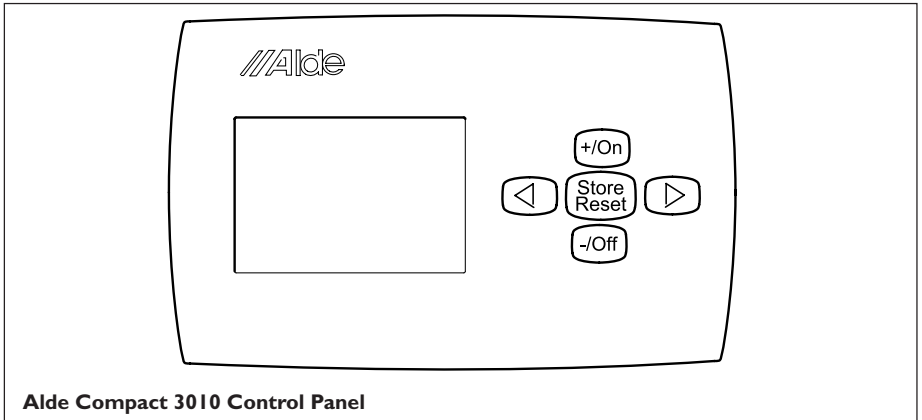
It is the user's responsibility to arrange for inspections after purchase.

- It is recommended that the gas burner be inspected and cleaned as necessary at least once a year.

We recommend maintenance following an extended shutdown of the vehicle.



ALDE HEATING



Alde Compact 3010 Control Panel

Pre-operational Check List

- Check the level of antifreeze in the header tank. When cold the fluid should be 10mm above the minimum mark. If you need to top up your system via the header tank use a 60/40 mix of water and ethylene glycol, this can be purchased at car accessory outlets nationwide.
- Ensure glycol mixture is at recommended strength. It not only prevents freezing but also stops corrosion and bacteria within the system. Blue antifreeze has a two year life.
- Propane gas is recommended as it works at lower ambient temperatures. Butane loses functionality below 10 degrees centigrade. Total failure occurs at -2 degrees centigrade when using Butane, this applies to all LPG appliances.
- The heating system can be operated with the domestic water drained down.
- If the vehicle is not in use and there is a risk of freezing the domestic water should be drained down. Frost damage is not covered under warranty.
- If leaving the caravan for very long periods of time without 230V supply disconnect 12V supply. The boiler draws a small 0.01 amp in standby mode. The circulation pump draws 0.18 amp when operating.

Fault Finding

Check LPG - Sufficient supply? Is the main tap fully open?

If the boiler has not been used for a long period or gas supply has been changed it may take more than one attempt to start.

Check that the boiler has 12V supply or if using electric elements that you have 230V supply.

The boiler is sensitive to current and needs a full 12V supply - check battery level.

Check all electrical connections are pushed firmly home and wires attached.






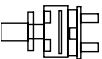
Tip: Use gas 6kW and electric 2kW combined for extra heat and hot water performance.



Quick Start Operating Instructions

Further information can be found in the appliance handbook.

1. Use the Left < and Right > arrow keys to select the symbol you want.
2. Use the +/On and -/Off keys to turn the function on and off.

OFF	Turn boiler off	With "OFF" displayed the boiler is shut down
ON	Turn boiler on	With "ON" displayed the boiler is in "standby"
	Shows desired temperature	Select your room temperature
	Hot water boost	30 mins increased hot water performance - also shuts down circulation pump
	Turn gas on	With this symbol shown the boiler will operate using LPG
	1kW or 2kW	When on 230V hook up, 1kW or 2kW can be selected
	Circulation pump	This symbol shows that the circulation pump is operating
	230V Supply	This symbol shows that the boiler is receiving 230V power



Systems Test

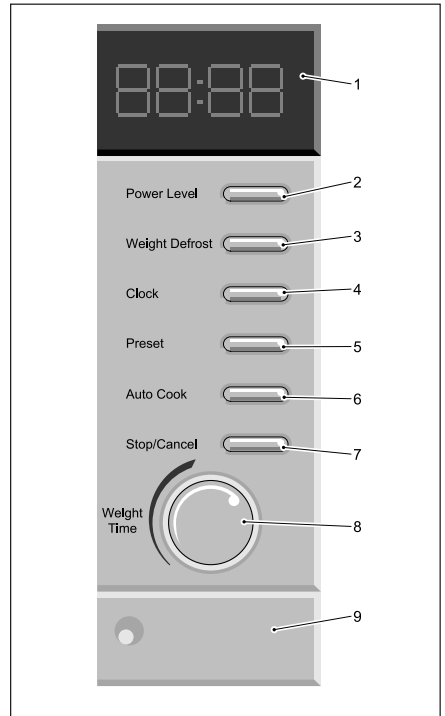
To ensure a fully operational system follow these steps:

1. Never operate the Alde boiler without ensuring the heating system has antifreeze in it. Check the header tank - 1cm above "Min" mark when cold.
2. Ensure LPG and 230V connections are in place - the 230V supply symbol should show.
3. Turn the boiler "ON" via the control panel.
4. Select a room temperature of 29 degrees on the control panel.
5. Select 2kW - the circulation pump symbol should now show.
6. Allow the boiler to operate until both flow and return pipes are warm.
7. Select 2kW and turn it off, circulation pump symbol should disappear.
8. Select gas and turn it on. Check the flue outside to ensure boiler is operational, circulation pump symbol should now be on.

MICROWAVE

Notes:

- 1 - Your microwave is connected to your 230V electricity supply via a non customer useable plug.
- 2 - Switch on Omnivent to extract when using microwave in cold ambient temperatures.



Controls:

1. Display screen
2. Power level
3. Weight defrost
4. Clock
5. Preset
6. Auto cook
7. Stop/Cancel
8. Twist to set weight/time,
Press to select option/start cooking
9. Push to release door

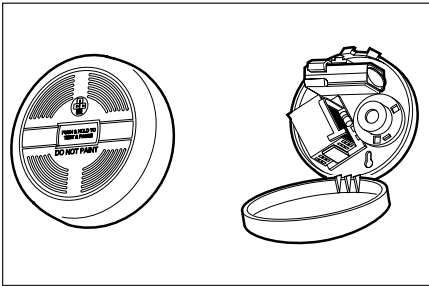


BATTERY CHARGER

The battery charger for the motorhome battery will automatically switch on when the motorhome is connected to a mains supply. The battery charger will also provide a 12V supply to the motorhome when a battery is not connected. Please note that the battery charger fitted is designed to keep your battery charged and is not designed for charging up a flat battery.

SMOKE DETECTOR

The motorhome smoke detector will become active once the 9V battery that should be



supplied with the smoke detector is connected. The smoke detector fitted to your motorhome has an alarm pause mode that will reduce the sensitivity of the alarm for a short period to allow for cooking within the motorhome. The alarm pause mode is activated by pressing the button marked HUSH on the smoke detector. While the detector is in the pause mode the detector will beep once per minute to alert that the alarm pause mode is activated.

ROOFLIGHTS

Your motorhome is fitted with at least one type of the following roof lights:

The Heki 2

To Open To The Tilted Position:

- (i) Press the knob in the toggle catches on either side of the rooflight and turn through approx. 90°.
- (ii) Grasp the metal bar in the middle, snap it out of its holder, swivel down and press the rooflight upwards. (The rooflight is held by the two gas springs after approx. 150mm).
- (iii) Swivel the metal bar towards the rooflight and snap into its holder.
- (iv) To close the rooflight, proceed with steps (i to iii) in reverse order.

To Open In The Intermediate Position:

- (i) Open the toggle catches on either side of the rooflight.
- (ii) Grasp the metal bar in the middle; snap it out of its holder, swivel down and press the rooflight outwards. Rooflight is opened automatically after approx. 150mm by the two gas springs).
- (iii) Open both fasteners and swivel the metal strap towards the intermediate position and pull the rooflight down until the metal strap is stopped by the fasteners.
- (iv) To close, proceed with steps (i to iii) in reverse order.

To Open In The Ventilation Position:

- (i) Open the toggle catches on either side of the rooflight.
- (ii) Using both hands on the two toggle catches, press the rooflight up about 2cm and fasten the toggle catches in the corresponding setting.
- (iii) To close, proceed with steps (i-ii) in reverse order.

Closing The Blinds:

- (i) Take hold of the end rod (without rocker) in the recessed grip and engage in the opposite end rod (with rocker).
- (ii) Select the required position (blackout/



flyscreen) by moving both joined end rods together.

CAUTION: In extremely bright sunshine, the blackout blind must only be closed two-thirds, and the rooflight must be set in the continuous airing position.

Opening The Blinds:

- (i) Move blind (end rod with rocker) right to the outside.
- (ii) Hold the recessed grip with one hand; with the other hand, press the rocker and move the blind back (do not let it recoil).

CAUTIONS:

- Do not stand on the acrylic rooflight.
- Close HEKI 2 completely before moving off.
- Do not leave your Motorhome when HEKI 2 is open.
- Please consult your supplying dealer if you have any problems or defects.
- Remove any snow/ice or dirt before opening the roof.
- Do not open when it rains or when there is a strong wind.

Standard MPK Rooflight

The MPK 400 x 400 rooflight is generally fitted in washroom areas.

- (i) Lowering the flyscreen then pressing the black control rod in towards the centre of the rooflight.
- (ii) Then while the rods are depressed, push upwards to open the rooflight.

Door Flyscreen

The exterior door flyscreen can be opened or closed from both inside and outside of the Motorhome and does not restrict door openings.

When opening or closing the door flyscreen use the finger grip provided.

Windows

Your new Aspire Motorhome will be fitted with Polyplastic opening windows.

Polyplastic Window Opening

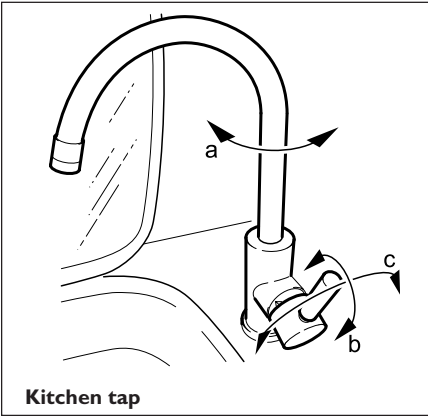
- (i) In order to open the Polyplastic window it is only necessary to move the catch upwards and release the catch from the backing plate.
- (ii) The Polyplastic window should remain in the open position once opened, however if it does not then tighten the friction control on the window stays to increase the holding force.
- (iii) The Polyplastic window is also fitted with a night ventilation position where the catch is set to the centre position on the backing plate; in this position it may be possible for rain to enter the motorhome in adverse conditions.



TAPS

Kitchen tap operation

Swivel the tap spout (a) to the desired position over the sink, lift the control lever (b) to activate the pump and allow water to flow simultaneously. To adjust the temperature swivel the lever (c) to the left or right as shown.



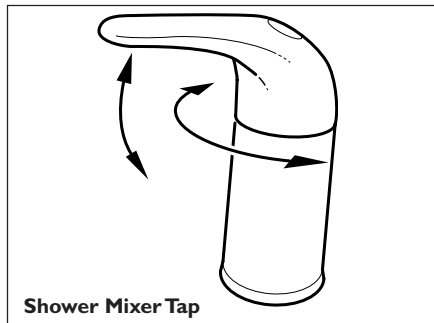
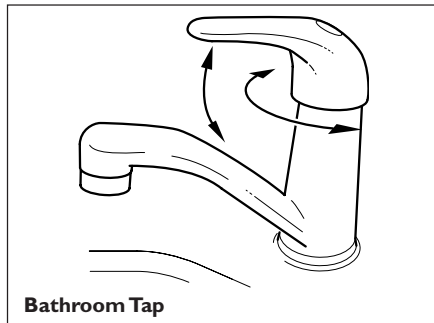
Bathroom and shower tap operation

The bathroom and shower taps are operated by lifting the lever and turning the lever right for cold and left for hot water. In order for the taps to work, the pump switch on the control panel needs to be in the ON position. For caravans with fixed water tanks the taps need to be in the TAPS position.

WARNING: The water temperature could be very high so do not lift the lever with the tap turned to the full left position.

Cleaning

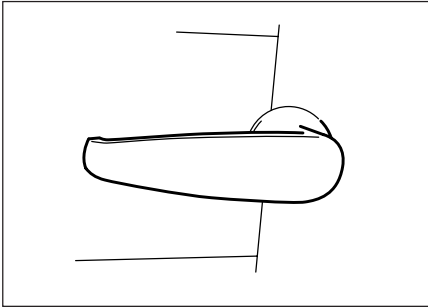
It is recommended that a non-abrasive damp cloth is used to clean the taps.





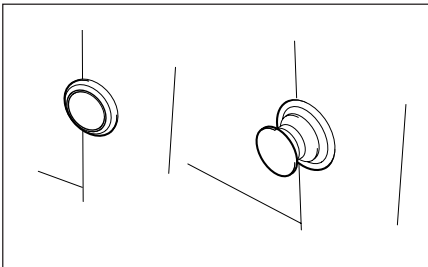
INTERNAL DOORS

Toilet / Washroom Doors



Toilet / washroom doors are fitted with a level lock, which is operated by pushing the lever down. The level is spring-loaded and will return to the closed position upon release. It is recommended that the lever is always used when closing the door.

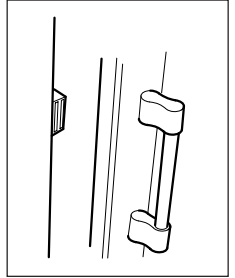
Other Internal Doors



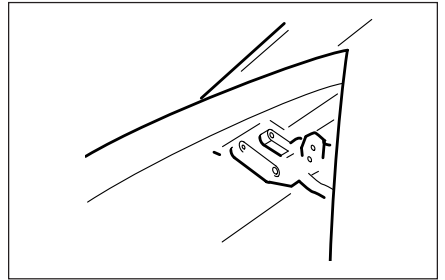
Other internal doors such as the wardrobe and table storage locker are fitted with a 2-position button lock. Push the button to lock the door and the button should remain flush with the door. Push the button again to release and the button should then protrude from the door surface.

Magnetic Catches

Magnetic catches work on contact with the metal plate on the rear of the door. Simply close the door until the magnet engages and holds the metal plate. Pulling the door towards you with a moderate force will be sufficient to disengage the magnetic catch and open the door.



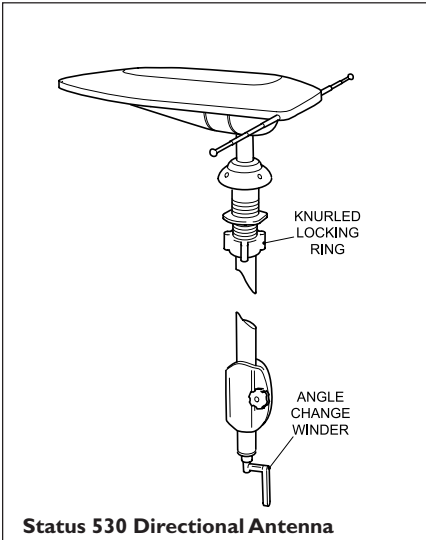
Sprung Hinges



Overhead lockers will use sprung hinges. These are suitably strong enough when closed to securely retain the door and prevent it from opening in transit. Pulling the handle towards you with moderate force is sufficient to open the locker door and hold it in the open position.



TV AERIAL



Your new motorhome will be fitted with a 530 Status TV aerial

To operate your 530 Directional TV aerial follow the procedure outlined below:

- (i) Firstly determine the approximate location of the nearest transmitter and whether the signals are horizontally or vertically polarised. For assistance ask your park operator or check other antennas in the vicinity.
- (ii) Loosen the mast locking collar and wall bracket and raise the antenna. Turn the mast to direct the antenna towards the TV transmitter: The RED SPOT on the bottom of the mast indicates the front of the antenna.
- (iii) When receiving vertically polarised signals. Rotate the winder anti-clockwise to cant the antenna through 90 degrees. Do not over tighten or use undue force on the winder. DO NOT cant for vertically polarised signals with the TELESCOPICS EXTENDED.
- (iv) Switch on the power pack and the red LED will illuminate.
- (v) Check the gain control switch is set to normal "NML" for use.

- (vi) Tune your television into the strongest signal. You may need to adjust the direction of the mast to achieve the best picture quality.
- (vii) Secure by tightening the mast locking collar and wall bracket.

VHF Television Reception (Overseas only)

- (i) Extend the two telescopic antennas.
- (ii) Tune your television into the strongest signal. You may need to adjust the direction of the mast to achieve the best picture quality.
- (iii) For fine tuning of VHF you may also need to adjust the length of the telescopic antennas.

Please Note: VHF TV transmissions are only horizontally polarised.

ENTERTAINMENT SYSTEM

Radio/DVD

Details on how to set up and use the Radio/DVD will be contained in your document wallet.



THETFORD CASSETTE C250 TOILET

Introduction

The Thetford Cassette Toilet is a high quality product. The toilet forms an integral part of your caravan or camper bathroom, thanks to its functional design which combines modern styling and ease of use. The C-250 Cassette Toilet is manufactured from high quality synthetic materials which makes it a durable, user and maintenance friendly toilet.

The toilet is made up of two parts: a permanently fixed part and a Waste Holding Tank that is accessible from the outside. The removable Waste Holding Tank is located under the toilet bowl and can be removed via a door on the outside of the caravan or camper. The Thetford Cassette Toilet is the solution to the sanitary problem in your caravan or camper!

The operating instructions cover Thetford Cassette Toilet models C-250S, C-250CS (models connected to the vehicle's central water tank) and C-250CWE (model with its own flush-water tank). There are differences in the use of these models. Please ensure that you follow the instructions that apply to your toilet model.

PARTS

- a) Removable Seat and Lid
- b) Swivelling Toilet Bowl
- c) Blade Handle
- d) Flush Button
- e) Waste Holding Tank Level Indicator
- f) Water Filling Door (only if toilet has own flush-water tank)
- g) Rotating Emptying Spout
- h) Automatic Pressure Release Vent
- i) Sliding Cover
- j) Removable Mechanism
- k) Vent Plunger
- l) Pull-out Handle
- m) Wheels
- n) Blade Opener
- o) Access Door to Waste Holding Tank

Optional Features

- p) Electric Blade
- q) Automatic Ventilator
- r) Waste Pump-Out System
- s) Waste Holding Tank Multi-Level Indicator
- t) Flush-Water Tank Level Indicator (only if toilet has its own flush-water tank)

Note: Optional features can be bought from Thetford dealerships.

Preparing for use (standard)

1. Open the access door on the outside of your caravan or camper.
2. Remove the Waste Holding Tank by pulling the safety catch (which holds the tank in place) upwards.
3. Pull the Waste Holding Tank outward to the stop. Tip it slightly and take the tank fully out.
4. Place the tank upright and turn the rotating emptying spout upwards. The emptying spout ensures that the tank can be easily and hygienically emptied.
5. Remove the cap, with the measuring cup inside, from the emptying spout and pour the correct dosage of Thetford toilet fluid (see product label) into the holding tank. This avoids unpleasant smells and keeps the inside of the tank clean. Next add approximately 2 litres of water - enough to ensure that the bottom of the Waste Holding Tank is covered. For more information on Thetford toilet fluids, see last page of this manual. Screw the cap back onto the emptying spout and turn back to its original position.

Note: The Emptying Spout Measuring Cap is supplied in the same packaging as this manual.

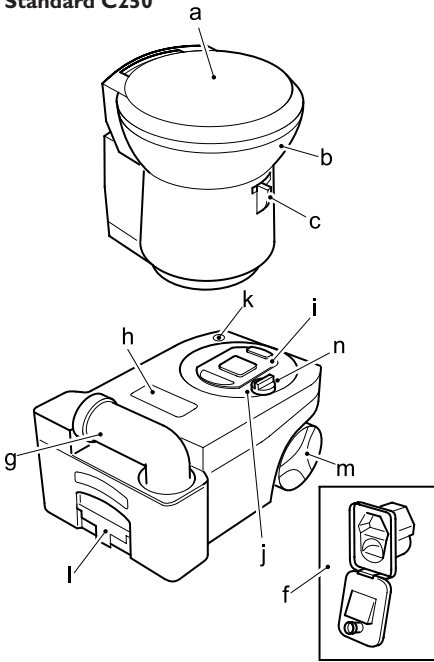
Caution: Never add toilet fluid directly via the blade or the toilet bowl as this could damage the lip seal of the Waste Holding Tank. Always pour the fluids via the emptying spout.

6. Slide the Waste Holding Tank back into its original position via the access door. Make sure that it is secured with the safety catch. Close the access door and lock it. Your Thetford toilet is now ready to use.

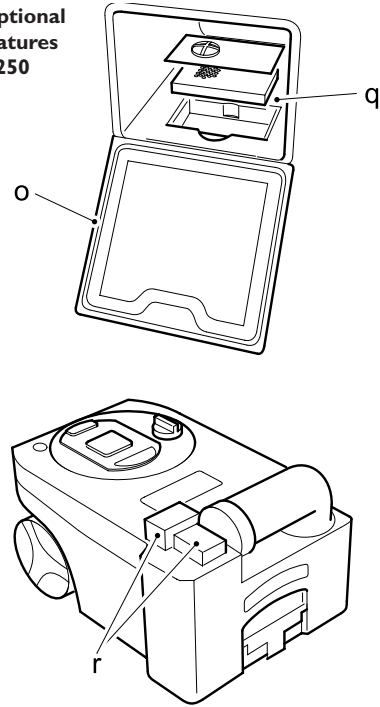
Caution: Never use force if you cannot get the tank back into place easily. This may cause serious



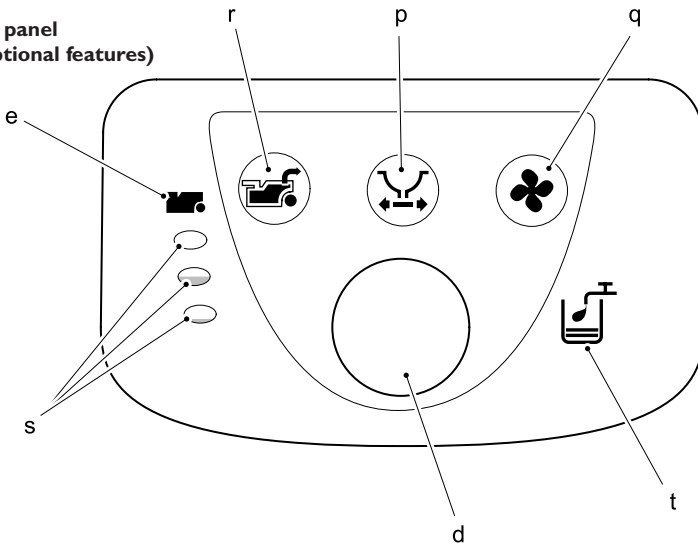
Standard C250



Optional features C250



Control panel (with optional features)





damage. If blockage occurs, always check if the blade handle is in the correct (closed) position.

7. For toilets with own Flush-Water Tank: Open the water filling door and fill the flush-water tank with the correct dosage of Aqua Rinse. This Thetford toilet fluid keeps the flush water fresh and improves the flushing. Next, fill up the flush-water tank with clean water (approximately 8 litres) using a ferry can or hose. Your toilet is now ready to use.

Preparing for use with Optional Features

8. Automatic Ventilator: Open the access door on the outside of your caravan and remove the Waste Holding Tank (as described above).
9. Remove the filter housing cover and if no filter is present, place a new filter into the filter housing. Peel off the sticker lids on the filter. Place back the cover of the filter housing.

Using the toilet (standard)

10. Turn the bowl to the desired position with the lid closed and using both hands.
11. To activate the control panel, press the flush-button once. The control panel display will start activated for approximately 5 minutes. Run some water into the bowl by pressing the flush button again briefly.
12. The toilet may be used with the blade open or closed. To open the blade, slide the blade handle under the toilet bowl sideways. After use, open the blade (if still closed) and flush the toilet by pressing the flush button for several seconds (if necessary re-activate the control panel). Close the blade after use.

Caution: If your toilet has its own flush-water tank, please make sure that you do not travel with a flush-water tank that is too full. Do not travel with water in the toilet bowl. Failure to adhere to this notice may result in water damage to your caravan or motor home.

Using the toilet with Optional Features

13. Electric Blade: Push the electric blade button on the control display to electrically open or close the blade. In the case of failure, you can manually open or close the blade by sliding the small handle under the toilet bowl sideways.

14. Automatic Ventilator: The ventilator automatically starts when the control panel is activated (by pressing the flush button) and will automatically shut off after approximately 5 minutes. The Automatic Ventilator Indicator will flash until automatic shut-off occurs. If you want to stop the ventilator, press the Automatic Ventilator button. If you want to re-start the ventilator, press the button again (the LED will start flashing again).
15. Flush Water Tank Level Indicator (only for toilets with own flush-water tank): When the Flush Water Tank Level Indicator lights up, refill the flush-water tank, as only about 1.5 litres of water is left in the tank, which is sufficient for approximately 2 flushes.

Emptying

The Waste Holding Tank has a capacity of 18 litres and requires emptying when the red light (LED) on the toilet control display lights up, when the Waste Holding Tank only has capacity for approximately 2 more litres, which is no more than two to three further uses.

Make sure that the blade is closed. Open the access door located outside the vehicle, pull the safety catch upwards and remove the Waste Holding Tank.

16. Place the Waste Holding Tank in an upright position (Pull-Out Handle at the top, Wheels at the bottom). Slide the handle sideways - to the front of the tank - until it snaps out of its locked position.
17. Pull the handle up and wheel the Waste Holding Tank to an authorized waste disposal point.
18. Push the handle back into its locked position. Turn the emptying spout upwards and remove the cap from the spout. Hold the Waste Holding Tank in such a way that during emptying you can operate the vent plunger with your thumb. To empty the tank without splashing, depress the vent plunger while emptying the tank. After emptying, rinse the tank and blade thoroughly with water.

Caution: Do not seriously shake the tank or use high pressure water cleaners. This may cause damage to the tank's interior.

Note: The vent plunger should only be depressed



once the emptying spout is pointing downwards. Prepare the toilet for re-use if required. Slide the Waste Holding Tank into the toilet and close the access door.

Emptying with Optional Features

19. Waste Holding Tank Multi-Level Indicator:

The lower lamp indicates that the Waste Holding Tank is almost empty; the middle lamp indicates that it is more than half full; when the upper lamp lights up, the tank needs emptying as it can only take 2 - 3 further uses.

Note: The Waste Holding Tank Level Indicator will flash when the holding tank is not present. In this case the toilet will not flush.

20. Waste Pump-Out System: When activating the control panel this feature automatically lights up. When the Waste Holding Tank Level Indicator illuminates, press the Waste Pump-Out button to pump out the waste from the holding tank into the vehicle's waste tank. The button will flash while the waste is being pumped and will stop automatically (after approximately 5 minutes) when all waste has been transferred. If the vehicle's waste tank is full, the Waste Pump-Out light will flash rapidly and no pump-out will be possible until the central tank is emptied. (Check the level of the vehicle's waste tank on the vehicle's central console). After the Waste Holding Tank has been emptied, there will be approximately 1.5 litres of waste left in the tank. This is normal. Add 2 litres of water and a correct dosage of Thetford toilet fluids to the Waste Holding Tank.

Caution: It is vital that the correct amount of toilet fluid is added to ensure the proper breakdown of the waste in the holding tank. Only use the system when the tank is full. Using the system too often on an empty tank can cause damage to the pump, which could cause the system to fail.

Cleaning and Maintenance

The toilet should be cleaned and maintained regularly, depending on the amount of use. To clean Thetford toilets, we advise using water and Thetford Bathroom Cleaner.

Caution: Never use bleach, vinegar or other powerful household cleaners that contain these substances. These may cause permanent damage to the seals and other toilet components.

Toilet Bowl

- Squirt Thetford Bathroom Cleaner into the toilet bowl.
- Flush the toilet bowl with water and wipe down the rest of the toilet with a damp cloth.
- Clean seat and lid The seat and lid can easily be removed: Lift the seat and lid assembly and pull the round pins (inside the assembly) outwards from the pin holes. After cleaning, replace the seat and lid by positioning the round pins in front of the pin holes and push the lid and seat downwards.
- To keep your flush water fresh and to prevent deposits from forming in your toilet bowl, add a correct dosage of Aqua Rinse in your flush water tank, if present, on your toilet.

Tip! For a really shining toilet, dry with a soft dry cloth after cleaning.

Waste Holding Tank

To keep your Waste Holding Tank fresh and clean, Thetford has developed a number of different toilet fluids. Thetford toilet fluids suppress smells, reduce formation of gas, promote breakdown of toilet waste and increase the life span of a mobile toilet. We advise a thorough cleaning of the Waste Holding Tank once each season. Next to using Thetford's Cassette Tank Cleaner, the powerful cleaning agent for the periodical cleaning of the Waste Holding Tank of your toilet, we suggest the following:-

- Remove the removable mechanism from the Waste Holding Tank by turning it anti-clockwise and rinse it under a tap.
- Remove the cover plate from the Automatic Pressure Release Vent by prising it up using a small screwdriver. Use one hand to push the Automatic Pressure Release Vent open while holding the float of the Automatic Pressure Release Vent on the inside of the tank with the other hand. Push the float upwards, turn it 180 degrees and remove it from below. Remove the rubber seal underneath the float.



HOW TO USE YOUR MOTORHOME'S EQUIPMENT



Rinse the float and rubber seal under a tap.

Replace the rubber seal and float for the Automatic Pressure Release Vent using the same method in reverse.

The rubber seals in the toilet (the lip seal, the mechanism seal, the automatic pressure release vent seal and the cap seal) should be regularly cleaned with water and treated with Thetford High Grade Seal Lubricant. This will ensure that the seals remain flexible and in good condition. If the toilet is not to be used for any length of time, it is important to treat the seals with Thetford High Grade Seal Lubricant after cleaning.

Caution: Never use Vaseline or any vegetable oil except olive oil. These may cause leakage or malfunction. The lip seal is a part of the toilet that is subject to wear. Depending upon the extent and manner of use, the seals will become less effective and will need replacing periodically.

Cleaning and Maintenance for Optional Features

- Automatic Ventilation: The filter of the Automatic Ventilation needs to be renewed periodically. After approximately 4 full weeks of use, the filter loses its absorption power.
- Pump-Out Waste System: To ensure optimal functionality of the Pump-Out Waste System, periodical maintenance of the tube and pump is recommended. After emptying the Waste Holding Tank completely, fill it with clean water and empty it again. This will clean the pump and the hose. Do this once every 3 weeks when on holiday. This should ensure proper operation of the system.

Winter operation

You can use your Thetford Cassette Toilet as normal in cold weather as long as the toilet is situated in a heated location. If there is a risk of freezing we advise that the toilet is drained by following the instructions under 'Storage'. For environmental reasons the use of antifreeze, such as that used in car radiators, is not recommended.

Storage

It is important that you follow the instructions below if you do not expect to use your Thetford toilet for a long (winter) period.

- Activate the Control Panel by pressing the flush button. Open the blade and press the flush button until water stops flowing into the bowl. Close the blade. Open the access door on the outside of your caravan or camper and empty the Waste Holding Tank at an authorized waste dump. Follow the instructions for cleaning and maintenance. To allow the Waste Holding Tank to dry, do not place the cap back on the emptying spout of the tank.
21. If the toilet has its own flush-water tank, place a sufficiently large bowl under the drain tube to catch the remaining water from the flush-water tank and remove the drain plug. When no more water exits, put the drain plug on the drain tube, put it back in its original position and close the access door. If the toilet is connected to the vehicle's water tank, please follow your vehicle's instructions for draining the central water system. If your toilet is optionally featured with a Waste Pump-Out System, take out the Waste Holding Tank and completely clean it (see Cleaning and Maintenance). After cleaning, fill it with water; put it back and empty it via the waste pump-out system. Repeat this twice.

Toilet unit malfunctions

Contact your dealer or a Thetford Service Centre.

We advise draining the fresh water tank prior to travelling. Antifreeze should not be required if the motor home is heated. If you do wish to use antifreeze, brands containing the following properties may be used in the fresh water tank:

- Ethylene glycol
- Mono-Ethylene glycol
- Propane-diol
- Glycerol
- Ethane-diol
- Glycol

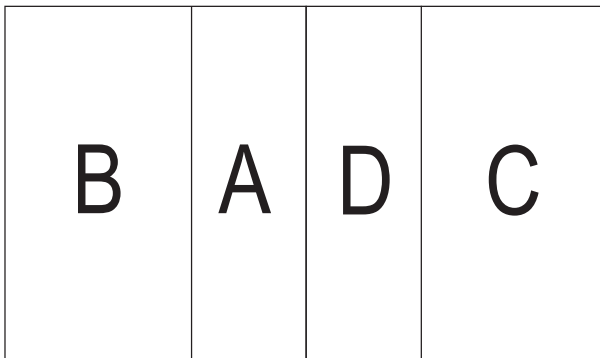
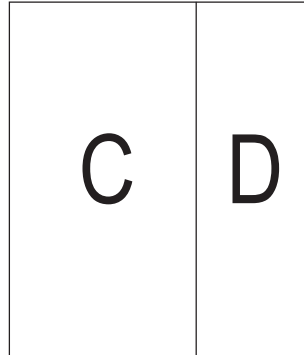
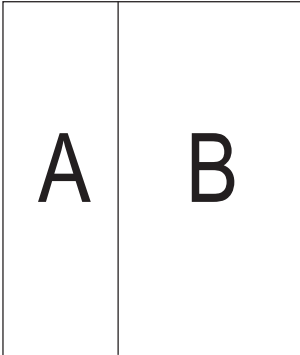
Never use alcohol based antifreeze, i.e. Methanol, Ethanol, and Iso-propanol.



HOW TO MAKE UP YOUR BEDS

ASPIRE 215 and 240

The front double bed in the 215 and the rear double bed in the 240 is made up by lifting the two side beds up and pulling them together to meet in the centre.





SECURITY

Theft deterrent, prevention and security of your motorhome is taken very seriously at The Explorer Group. That is why we have provided a combination of standard features and optional extras designed to deter and prevent thieves from stealing your property. And in the unlikely event that they should succeed, aid the identification, speedy recovery of your property and assist in the prosecution of the thief.

Motorhome Theft

The theft of a motorhome can occur in the most unlikely circumstances; from a motorway service area, even from an owner's driveway. Secure all windows and doors when your motorhome is unoccupied, even if only for a short length of time.

Explorer Protect - Autowatch 650 Motorhome Alarm System (Optional Extra)

Manufactured by Autowatch, The Explorer Protect system is designed to give years of trouble free operation. Made with only the highest quality components and using state of the art technology you can be assured that your motorhome has the best electronic protection available.

Each motorhome alarm is installed with a Passive Infrared Detector (PIR), a wireless sensor that detects movement in the motorhome and transmits a radio signal to the alarm module. If the alarm is on the siren will sound. Additional sensors can be purchased from your retailer to enhance security. See following section for operation or consult the manufacturer's instructions provided in the Owners Information Pack.

Additional Security

Consider fitting any device which might deter or prevent intrusion by thieves. For example: A wheel lock will prevent driving of the motorhome and removal of the wheel.

Free Crime Prevention

Advice about securing your motorhome, protecting your valuables, property marking, either at home or whilst on site, can be obtained from the Crime Prevention Officer through your local Police Station.

Explorer Protect Autowatch 650 Motorhome Alarm

Basic Operation Arming the System

- (i) Briefly press (large) arm/disarm button.
- (ii) Single chirp.
- (iii) Awning light illuminates for 30 seconds.
- (iv) Settling time of 15 seconds before responding to triggers.
- (v) Single intermittent flash of status LED (every 2 seconds).
- (vi) All sensors triggered will result in siren sounding for 30 seconds, or until reset by pressing the arm/disarm button.

Disarming the System

- (i) Briefly press the (large) arm/disarm button.
- (ii) Double chirp.
- (iii) Awning light illuminates briefly on and off and then on again for 30 seconds.
- (iv) LED off.

Panic Alarm

- (i) Press and hold the small panic button on the transmitter for two seconds.
- (ii) The siren will sound for thirty seconds, unless reset by pressing any of the transmitter buttons.

Emergency Disarm

- (i) Insert the touch-key briefly into the socket. The alarm will turn off.

Silent Arm and Disarm.

- (i) Press the small button briefly followed by a press on the arm/disarm button.
- (ii) The alarm will arm/disarm without chirps.

Sensors

Each motorhome alarm is installed with a Passive Infrared Detector (PIR). Additional sensors can be purchased from your dealer to enhance security.

Passive Infra Red Sensor

The wireless PIR sensor will detect movement in the motorhome and transmit a radio signal to the alarm module, if the alarm is on the siren will sound.



Enhanced Features Arming The System In “At Home” Mode.

In the ‘at home’ mode, any sensor that is programmed to be isolated, such as the PIR sensor will not trigger the alarm. Arm as normal followed by a second press on the arm/disarm button within 2 seconds. Normal “on” tone followed by “at home” tone indicating isolation is active. There will then be a Settling time of 15 seconds before the alarm responds to any triggers. Armed in the isolation mode will be indicated by a double flash intermittently of the LED. The “at home” sensors will be isolated; other sensors will trigger the siren for 30 seconds.

Arming the System in Test or Buzz Mode

In the buzz mode the siren will sound a short tone when a sensor is triggered instead of sounding for 30 seconds. It is advisable to test all the sensors.



CARE OF YOUR MOTORHOME

This section of the guide is devoted to the care, cleaning and general preservation of your motorhome in order to retain its showroom condition.

Exterior Body Shell

The exterior painted body shell of your motorhome, usually the side walls, is acrylic finished aluminium, which is extremely durable and easy to clean. It is recommended you first wash off any caked dirt and mud with cold water then use a proprietary brand wash and wax shampoo and rinse with plenty of cold water.

CAUTION: Under no circumstances should an abrasive or harsh cleaner be used. Do not use a pressure washer as this can disturb mastic seals.

Glass Fibre Reinforced Plastic (GRP)

GRP components need to be washed, waxed and taken care of like a car. Chemicals and dirt can collect during storage, and the gel coat can be stained or marked when chemicals combine with rain or dew. Most stains or marks can be removed with mild dishwashing detergent, but more stubborn marks may require a (fine grit) rubbing compound such as T-cut. To help keep your GRP components looking almost like new, it is wise to wash the parts monthly (or more frequently) using mild dishwashing detergent, but avoid using strong alkaline (e.g. trisodium phosphate) or acidic cleaners or abrasives.

Waxing the components once or twice a year with a good grade paste wax will help to maintain the colour and finish.

Acrylic Windows

Your motorhome is fitted with shatter resistant acrylic windows. To preserve their clarity and unblemished transparency it is essential that the following cleaning instructions are strictly adhered to: Road grit, dust, sand, flies, lime tree secretions, bird droppings etc., should be washed off using plenty of cold water do not use a sponge to clean off heavy dirt deposits. Any remaining dirt should be washed off using a soft cloth and warm water. Under NO circumstances should any abrasive cleaning agents, household detergents or proprietary cleaning fluids be used. Wash the window again using only cold water and dry off with chamois leather.

Please Note: Should scratches appear on the acrylic windows these can often be removed with an acrylic polish. E.g. ICI Perspex polish. Gentle polishing with a liquid metal polish, i.e. Brasso may also have the desired effect - consult your retailer BEFORE attempting to remove any but the slightest scratch.

Window Blinds & Flyscreens

To clean the blinds and flyscreens, moisten a soft cloth or sponge with a small amount of water and mild soap suds and gently wipe dirt off. Allow to dry before retracting, failure to do this could result in mildew forming.

ABS - Wheel Spats & Panels

To preserve the appearance of all ABS panels and fittings road grit, dust, sand, flies, lime tree secretions, bird droppings etc., should be washed off using plenty of cold water. Any remaining dirt should be washed off using a soft cloth and warm water. Under NO circumstances should any abrasive cleaning agents, household detergents or proprietary cleaning fluids be used. Wash the ABS material again using only cold water and dry off.

Interior Walls

Your motorhome interior walls will only require a wipe over with a damp cloth, using a mild detergent, to keep them in a 'showroom' condition.

Furniture

Treat your motorhome furniture as you would the furniture in your home. Polish wood surfaces sparingly with a good quality wax or spray polish. Use a damp cloth to clean Melanate laminated surfaces.

Carpets, Upholstery And Curtains

Vacuum clean carpets and upholstery to ensure a long life, marks on cushions can be removed using a mild upholstery shampoo with the minimum of water. Curtains should be dry cleaned only.

Washroom And Handbasin Fittings

These should be cleaned using a non abrasive household cleaner. Always put the cold water into the hand basin before adding the hot in order to preserve the finish of the thermoplastic formed basin.



Please Note: Under no circumstances should alcohol, spirit or solvent-based liquids be used on GRP or ABS plastic panels as these substances may react with the material and cause visible damage.

Shower Trays

Only clean your shower tray using soap and water. Do not use chemical based cleaning agents as this may attack the material of the tray.

Water Systems

The water systems, and in particular storage tanks, in motorhomes are susceptible to contamination by bacteria if care is not taken with their use and cleaning. The symptoms caused by bacterial contamination are not purely limited to gastro-intestinal diseases, but may also manifest themselves as ear, nose, throat, and eye or skin infections. It is therefore important that you carry out the following procedure prior to using the motorhome each time, even if you boil or filter all water you use for drinking.

Please Note: If your motorhome is not going to be used for an extended period of time it is recommended that you disconnect the vehicle battery to prevent the battery from discharging.

Water Containers

- (i) All water remaining in any water container should be disposed of so that the container is empty.
- (ii) The outside of external water containers should be thoroughly cleansed and washed down to remove any dirt, dust or other contaminant. Water at a suitably hot temperature containing an appropriate detergent is recommended for this purpose. Water should then be put into the container, swirled round, and then emptied out.
- (iii) All containers should then be totally filled with water containing an appropriate disinfectant /sterilizing solution and allowed to stand for the recommended contact time (e.g. Milton for 15 minutes).
- (iv) The solution should be emptied from the container.
- (v) The opening of the any container should be cleaned thoroughly with an appropriate

pre-prepared wipe impregnated with a disinfectant / sterilizing solution.

- (vi) External containers should be inverted whilst stored overnight (if possible).
- (vii) Containers must be filled with mains water only and mains water only should be used for the above cleaning procedure.
- (viii) On no account should garden hoses be used to fill water tanks.

Internal Water Systems

- (i) Drain down the system. (Open all taps to allow air in, enabling the system to drain quickly.) See Index - Draining Down The Water System.
- (ii) Remove any water filters fitted, and replace with a short length of hose or empty filter cartridge (this will ensure the filter is not affected by the disinfectant / sterilizing solution).
- (iii) Fill the system by using the pump with a disinfectant / sterilizing solution. (Check that the solution at full strength appears at all taps/showers). Allow to stand for the recommended period of time.
- (iv) Drain the system down completely.
- (v) Thoroughly clean the outside of all taps/connectors with a cloth soaked in the disinfectant / sterilizing solution.
- (vi) Flush the system through with clean drinking water until no traces of disinfectant / sterilizing solution can be detected at any tap.
- (vii) Replace the filter. Suitable sterilizing chemicals are available from your Explorer Group Retailer, accessory shop, chemists, or homebrew shops. It is not, however, recommended to use bleach or sodium metabisulphide.

Truma Space Heater

Please Note: Your Truma Space Heater front is now attached using 2 screws. These screws must be removed prior to removal of the Space Heater front. These screws can be seen when looking into the fire through the air vents.



Thetford Toilet

WARNINGS

Cold Weather Use - To prevent freezing during cold weather use, add antifreeze to the toilet system fresh water tank. Use a non-toxic (propylene glycol) type of antifreeze. Refer to chart on container to obtain level of protection.

Warmer Weather Use - In warmer weather or longer intervals between emptying the waste tank you may require additional toilet fluid. Use only Thetford toilet fluid to achieve the best results.

CAUTIONS

- Never add toilet fluid directly into toilet bowl.
- Do not use strong household detergents or cleaners that contain chlorine, solvents or acid contents.
- High Altitude and Hot Weather Use - with large temperature differences and changing heights during driving, pressure can start to build up in the waste holding tank, causing contents to splash upward upon opening the valve blade if opened too fast.

Changing A Wheel

- (i) Ensure handbrake is applied and chock the wheel diagonally opposite the wheel to be removed.
- (ii) Remove the hub cap. (If applicable)
- (iii) Use wheel brace to slacken off wheel nuts on the wheel to be changed.
- (iv) Position jack at the appropriate jacking point (see Peugeot vehicle handbook).
- (v) Jack up the motorhome until the wheel for removal is just off the ground.
- (vi) Remove the wheel nuts and remove the wheel.
- (vii) Fit spare wheel and reverse the above procedure.
- (viii) Tighten wheel nuts in accordance with the Peugeot handbook instructions.

WARNING

Ensure the wheel is of the same construction and size as the one that has been removed.



STORAGE

LONG TERM & WINTER STORAGE

If your motorhome is to be stored for any length of time, especially over the winter period, the following operations are recommended:

- (i) Remove all linens, blankets, cushions, clothes, mattresses, etc. that could be affected by damp conditions
- (ii) Clean the motorhome inside and out as detailed in the previous section.
- (iii) Drain the water system (see index).
- (iv) Ensure all windows, roof lights and doors are correctly fastened. Check fixed ventilation apertures are not obstructed.
- (v) Check that the site you have chosen to store the motorhome is open, fairly high and dry and if possible not exposed to gales etc. If this proves impossible it is recommended that the motorhome chassis is anchored to the ground.
- (vi) Jack up the motorhome (use bottle or screw jack), so that the wheels are clear of the ground. Support the motorhome axle with wooden blocks, axle stands or similar so that when the jacks are removed the wheels remain clear of the ground. Cover the tyres to prevent deterioration.
- (vii) Release the handbrake.
- (viii) Removing the wheels reduces the risk of motorhome theft.

Motorhome Covers

Covers may be used to protect your new Explorer Group motorhome provided that the cover used is of a breathable type. Ensure that any sharp objects are removed e.g. the point of a status omni-directional aerial, and that the cover is well tied down. Your motorhome must be ventilated every 4 to 6 weeks if it is to be stored with a cover in place.

Power Drain

In order to reduce any drain on your Leisure Battery while your motorhome is being stored you should ensure that the main control switch on the refrigerator is set to the 0 position

Please Note: If you have the Explorer Protect alarm fitted and you disconnect the leisure battery the alarm will run off the back-up battery for approximately 2 weeks.

Should the motorhome be stored for a prolonged period of time it is strongly recommended that the motorhome is fully serviced before the commencement of use. Your retailer will ensure that your motorhome is safe, secure and ready for your enjoyment.



WARRANTY

3-Year Manufacturer's Warranty

Subject to the following conditions, your motorhome is supplied with a manufacturer's warranty for 3 years from the original date of purchase, at no additional cost to you the customer. We sincerely hope you will never have cause to complain about your motorhome. However, if you do have a problem then please contact your Retailer so they can report this through our warranty system. We are confident they will do their utmost to resolve any problems to your complete satisfaction. The Retailer from whom the motorhome is purchased is liable for warranty repairs. Any other approved Retailer or Service Centre may carry out work at his own convenience and/or discretion, but is not obliged to do so.

Parts Covered By This Warranty for Years 1 -

Subject to the specific exclusions in years 2 and 3 set out below all original components of the motorhome, including permanently fitted equipment, forming part of the manufacturer's original specification.

Specific Exclusions for Years 2 & 3

Tyres, batteries, plastic windows, glass, exterior paint work, bright work and all similar trim and finish, soft furnishings, carpets and floor coverings.

Entertainment/communication systems and connected equipment. Adjustment of blinds, hinges, catches, stays and doors. Replacement of bulbs, fluorescent tubes, fuses and electrical connections; GRP, ABS and PVC products, wheel spats and shower trays. Natural movement of internal doors and furniture. Normal wear and tear/servicing items and other components subject to routine maintenance.

Conditions Attached To The Warranty:

- (i) The duration of the warranty is 36 months from the original date of purchase.
- (ii) That the original construction of the motorhome has not been tampered with or repaired other than by Explorer Group or an approved Retailer or Service Centre.

- (iii) That an "annual" habitation service, damp and safety check has been carried out by an approved Retailer or Service Centre. The first and second services are due 60 days either side of the anniversary of the original date of purchase. The interval between services must not exceed 14 months. The third service must be on or before the anniversary date of the original purchase.
- (iv) That original VAT service invoices are retained as proof that annual service and inspections have been carried out.
- (v) No work should be commenced under the terms of the warranty unless prior authorization is obtained from Explorer Group.
- (vi) Explorer Group reserves the right to inspect the motorhome before any work commences.
- (xii) No liability will be accepted for damage caused by fair wear and tear, wilful damage, negligence, abnormal working conditions, intrusion of foreign or harmful matter, overheating, freezing, failure to follow Explorer Group instructions, misuse or alteration or repair of the motorhome without The Explorer Group prior approval.
- (xiii) Motorhomes covered by this warranty shall not be put out to hire, reward, or any other commercial use or used in any timed race.
- (xiv) That the motorhome shall be used only for its ordinary and intended purpose and shall not be subjected to any condition which could reasonably be foreseen to cause or result in damage or excessive wear and tear.
- (xv) That no liability arises from this warranty for transport costs to and from the place of remedial work or consequential cost relating to transportation. No liability arises out of this warranty for any indirect, special or consequential loss or damage (whether for loss of profit, use, contract, goodwill, or otherwise), costs, expenses or other claims for compensation howsoever arising.



- (xvi) No liability will be accepted for any accidental or fire damage or any loss incurred by accident or fire.
- (xvii) The unexpired period of the 3-year warranty is transferable to second and subsequent owners during the 3-year period. The new owner should contact Explorer Group within 3 months of their purchase, with proof of ownership, service history and their payment of £30 to have their details recorded in our database.

Please Note: This warranty does not affect the purchaser's statutory rights.

This warranty shall be governed and construed in accordance with the laws of England and the parties irrevocably submit to the exclusive jurisdiction of the courts of England.

Please Note: In order to maintain your Peugeot warranty you will be required to fulfil their warranty requirements, as detailed in your Peugeot handbook



CODE OF PRACTICE - WATER INGRESS

SIX (6) YEAR BODY SHELL INTEGRITY GUARANTEE

At The Explorer Group Limited, we are confident that our new motorhomes, built with innovative manufacturing techniques and tested materials, make water ingress concerns unnecessary. We are so confident of our new motorhomes that we offer a six (6) Year Body Shell Integrity Guarantee which gives certain guarantees to our customers, both consumers and retailers, of financial reimbursement for remedial work costs should problems occur.

This Guarantee applies to all new products manufactured by The Explorer Group Limited after 1st September 2009.

All owners with documentary proof of annual services by an approved Explorer Group retailer or Service Centre will be paid in full for the costs of remedial work due to water ingress. This is valid for up to 6 years from the original date of purchase of a new product.

Customers without a full service history may receive up to 100% of the costs of remedial work for water ingress damage in year 2, up to 75% in year 3, up to 50% in year 4 and up to 25% in year 5. If you do not have a full service history there is no warranty in year 6. Each case will be examined on its own merit. The Explorer Group Limited will decide the amount of contribution towards the remedial work costs.

Customers exchanging their current Explorer Group model for a new Explorer Group model will not have the value of their part exchange reduced due to potential water ingress issues, providing that there is documentary evidence that the caravan has been annually serviced and that it is less than 6 years old.

CONDITIONS ATTACHED TO THE BODY SHELL INTEGRITY GUARANTEE

- Work may only be undertaken after approval by The Explorer Group Limited (depending upon individual circumstances).
- The Explorer Group Limited will pay the costs of remedial work, only after approved work has been carried out.

- In the case of dispute, The Explorer Group Limited, will agree to the appointment of an independent arbitrator with both parties agreeing to pay 50% of their costs.
- The arbitrator's decision is final and both parties must agree to abide by the decision.
- The unexpired period of the 6-year Guarantee is assignable to second and subsequent owners during the 6-year period. The new owner should contact Explorer Group with proof of ownership, service history and their payment of £50 to have their details recorded in our database within 3 months of the change of ownership.

CUSTOMER OBLIGATION - SERVICING

It is a condition of your warranty that your caravan must have an "annual" service, damp and safety check and this should be carried out by an Explorer Group Limited approved Retailer or Service Centre, in accordance with NCC guidelines. Proof of this will be required in the event of a warranty claim.

Please Note: Failure to do so will invalidate your warranty.

The first service is due 60 days either side of the anniversary of the original date of purchase. The interval from purchase date to the first service and the intervals between services must not exceed 14 months. Years 3 and 5 must be on or before the anniversary date of the original purchase.

Your caravan requires servicing for safety, efficiency and to protect the investment you have made. Whether the caravan is used for short trips or continental long range touring, regular servicing is necessary and will ensure continued enjoyment of your caravan.

Your Retailer or Service Centre will carry out your service using the latest techniques and equipment (a list of the items to be inspected, tested and adjusted appears on the Service Vouchers in this handbook), and should provide you with the service document as proof of regular maintenance.

As with motor vehicle service documents, not only will the proof of regular servicing enhance your caravan resale value, but in the unlikely event of any defect appearing at some later date -



a properly serviced and documented caravan history will enable your Retailer to rapidly assess and where appropriate, carry out the necessary remedial work.

MAINS ELECTRICS

It is recommended that you have your Mains Electrics System inspected by an NICEIC approved contractor every 3 years.

SPARE PARTS

Should you require any replacement parts for your caravan it is necessary that you contact the Retailer from whom you purchased the caravan or any Explorer Group Limited approved Retailer and give the following information, which will help in identifying the required component:

- (i) Model and make of caravan
- (ii) VIN number
- (iii) Description of required part
- (iv) Photograph, size or diagram of required part

Please Note: All parts must be ordered and supplied through an approved retailer.

REMEDIAL WORK

The Explorer Group Limited together with its suppliers is continually undertaking extensive research into testing, remedial work procedures and materials such as sealants, adhesives, gaskets and tapes. Therefore, if for any reason your new caravan is damaged or requires remedial work then only an approved Explorer Group Limited Retailer or Service Centre should undertake such work.

All such work should be undertaken using only approved Explorer Group Limited genuine parts, recommended sealant and following Explorer Group Limited procedures. The Explorer Group Limited will also undertake to supply certain specialist repairers with the necessary spare parts. In this case, your selected repairer must contact the PARTS DEPARTMENT with all enquiries.



MOTORHOME CONSTRUCTION - MAIN COMPONENTS

The following is a brief description of the main components used in your motorhome. More comprehensive descriptions can be found in the equipment manufacturers literature held in the Owner's Information Pack.

Body Shell

Motorhome bodies are constructed from the highest quality materials. The fully insulated floor is constructed from a timber frame with plywood and insulation laminated together for strength. The walls comprise an insulated foam sandwich having pre-coated aluminium exterior surface and vinyl coated plywood interior finish. Wooden framing is positioned within the sandwich to add strength. The very latest 'state of the art' presses are employed to produce the extremely well insulated, robust, yet lightweight sections.

Windows

Windows are all of a double glazed acrylic construction and the door frames are extruded aluminium.

WARNING

On NO account should screw threads longer than 5/8th inch (15mm) be permitted to enter the shell sandwich (from inside). Ensure that all screws are of the selftapping type. No screw or any other object should be permitted to enter the ceiling of your new motorhome.



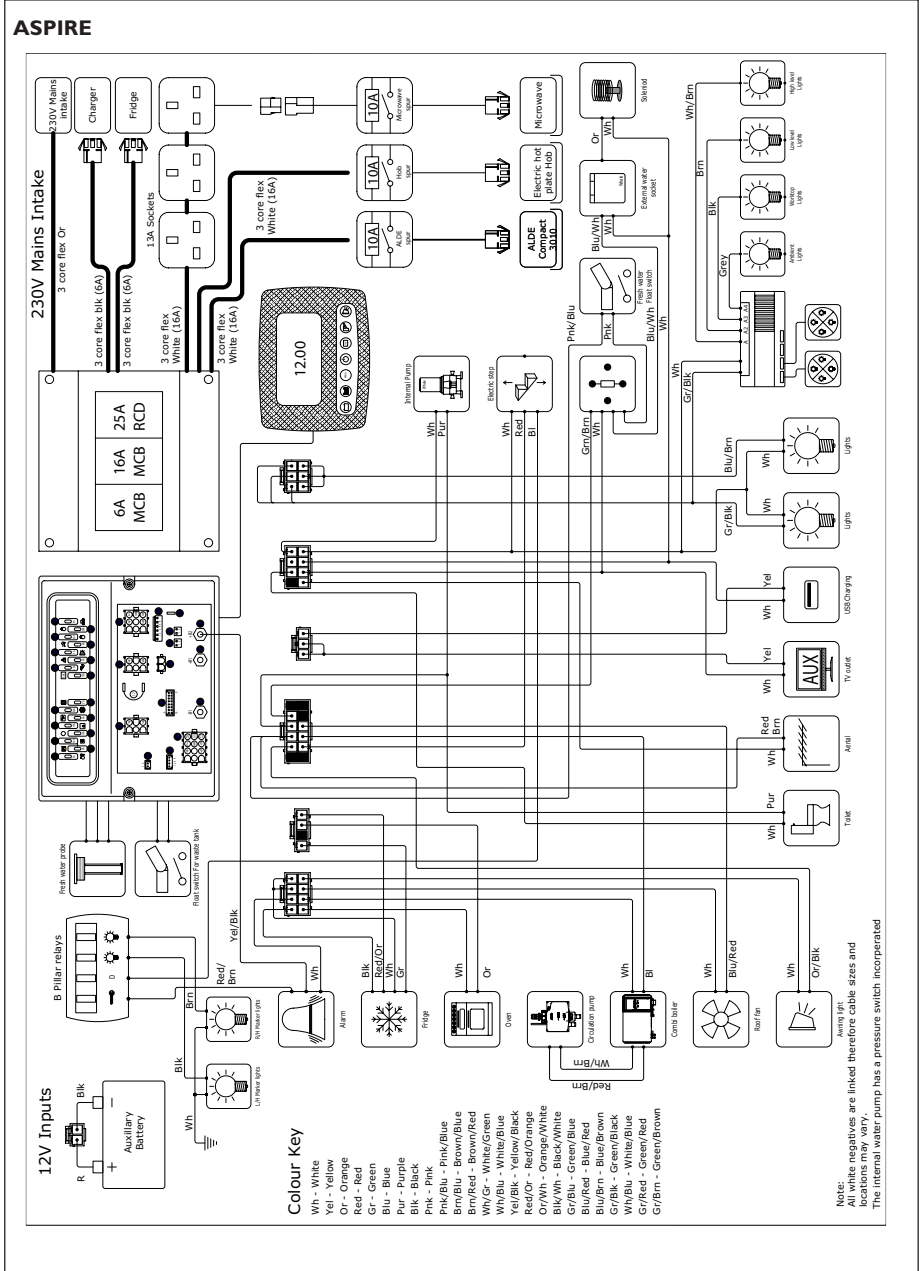
EQUIPMENT LIST

ASPIRE

REFRIGERATOR	THETFORD N112 ASPIRE 215 / THETFORD N175 FRIDGE FREEZER ASPIRE 240/255
CENTRAL HEATING	ALDE COMPLETE SYSTEM
SINK AND DRAINER	SPINFLO CIRCULAR BLACK GLOSS
OVEN	SPINFLO MIDI PRIMA 500 WITH ILLUMINATION & 2 SHELVES
MICROWAVE	BCA DIGITAL CW SURROUND
HOB	SPINFLO DUAL FUEL 3 BURNER GAS WITH 1 ELECTRICAL HOT PLATE BLACK GLOSS
TAPS KITCHEN	WHALE SINGLE LEVER GOOSE NECK DOMESTIC MIXER
SHOWER EQUIPMENT	WHALE MIXER
TAPSVANITY	WHALE SINGLE BAR MIXER
WATER FILTER / PUMP	AUTOFILL SMARTFLO PUMP & STRAINER
READING DOWN LIGHTS	ZODION LED STEM READING LIGHT
LED STRIP LIGHTS	ADVANCE LED STRIP LIGHTING
RECESSED LED LIGHTS	SQUARE LED SCS
CONTROL PANELS	CBE LCD DISPLAY
ELECTRICAL FITTINGS	BERKER
TOILET	THETFORD C250S ROTATABLE WITH ELECTRONIC FLUSH & CERAMIC BOWL



ELECTRICAL DRAWINGS





TECHNICAL SPECIFICATIONS

ASPIRE

Model	215	215A	240
Base Vehicle	Peugeot 333 MWB	Peugeot 335 MWB	Peugeot 335 LWB
No. of Berths / Designated Passenger Seats (Exc Driver)	2/1	2/1	2/1
Exterior Length	6467mm (21'2")	6467mm (21'2")	7368mm (24'1")
Overall Width including wing mirrors	2750mm (9'0")	2750mm (9'0")	2750mm (9'0")
Overall Body Width	2300mm (7'6")	2300mm (7'6")	2300mm (7'6")
Overall Height	2810mm (9'2")	2810mm (9'2")	2810mm (9'2")
Minimum Headroom	1960mm (6'5")	1960mm (6'5")	1960mm (6'5")
Interior Width	2200mm (7'3")	2200mm (7'3")	2200mm (7'3")
Tyre Size	215/70 R15C 109 S	215/70 R15C 109 S	215/70 R15C 109 S
Tyre Pressure Psi	Front 72. Rear 79	Front 72. Rear 79	Front 72. Rear 79
Front Dinette Bed Sizes	Double 2100mm x 1300mm (6'10" x 4'4") or 2 x Single 1850mm x 760mm (6'1" x 2'6")	Double 2100mm x 1300mm (6'10" x 4'4") or 2 x Single 1850mm x 760mm (6'1" x 2'6")	Not Applicable
Rear Bed Sizes	Not Applicable	Not Applicable	Double 2100mm x 1850mm (6'10" x 6'1") or 2 x Single 1850mm x 760mm (6'1" x 2'6")
Maximum Front Axle Weight	1750kgs (34.38cwt)	1750kgs (34.38cwt)	1850kgs (36.33cwt)
Maximum Rear Axle Weight	1900kgs (37.32cwt)	1900kgs (37.32cwt)	2000kgs (39.28cwt)
Maximum Towing Limit	2000kgs (39.28cwt)	2000kgs (39.28cwt)	2000kgs (39.28cwt)
Mass in Running Order	3060kgs (60.10cwt)	3060kgs (60.10cwt)	3240kgs (63.64cwt)
Personal Effects Payload	84kgs (1.65cwt)	84kgs (1.65cwt)	94kgs (1.85cwt)
Conventional Load	75kgs (1.47cwt)	75kgs (1.47cwt)	75kgs (1.47cwt)
Optional Equipment Payload	81kgs (1.59cwt)	81kgs (1.59cwt)	91kgs (1.78cwt)
Maximum User Payload	240kgs (4.71cwt)	440kgs (4.71cwt)	260kgs 5.1cwt)
M.T.P.L.M.	3300kgs (64.82cwt)	3500kgs (68.75cwt)	3500kgs (68.75cwt)

The Mass in Running Order includes a tolerance for material variances and an allowance for the driver, a full tank of fuel, 90% of the water tank, gas bottles and the auxiliary battery.

Maximum User Payload includes **Personal Effects, Optional Equipment** and the **Conventional Load**.

Note 1: Please take care to ensure that you have allowed for the masses of all items you intend to carry in the motorhome.

Note 2: Warning under no circumstances must the Maximum Technical Permissible Laden Mass of the motorhome be exceeded.

Note 3: All data is calculated using metric weights and measurements. The imperial figures quoted are conversions thereof.

Note 4: Care should be taken when loading your motorhome in order to ensure that you do not exceed either the front or rear axle maximum weight.

Note 5: If used as single beds rather than a double bed, single bed measurements in the 215 are calculated incorporating usage of the front driver and passenger seats.

Note 6: The double bed in the 240 is measured with the chest of drawers removed.

Note 7: The maximum height is increased by 100mm when the optional awning is fitted.



TECHNICAL SPECIFICATIONS

ASPIRE (continued)

Model	240A	255	255A
Base Vehicle	Peugeot 440 LVVB	Peugeot 335 LVVB	Peugeot 440 LVVB
No. of Berths / Designated Passenger Seats (Exc Driver)	2/1	2/1	2/1
Exterior Length	7368mm (24'1")	7368mm (24'1")	7368mm (24'1")
Overall Width including wing mirrors	2750mm (9'0")	2750mm (9'0")	2750mm (9'0")
Overall Body Width	2300mm (7'6")	2300mm (7'6")	2300mm (7'6")
Overall Height	2810mm (9'2")	2810mm (9'2")	2810mm (9'2")
Minimum Headroom	1960mm (6'5")	1960mm (6'5")	1960mm (6'5")
Interior Width	2200mm (7'3")	2200mm (7'3")	2200mm (7'3")
Tyre Size	215/70 R15C 109 S	215/70 R15C 109 S	215/70 R15C 109 S
Tyre Pressure Psi	Front 72. Rear 79	Front 72. Rear 79	Front 72. Rear 79
Front Dinette Bed Sizes	Not Applicable	Not Applicable	Not Applicable
Rear Bed Sizes	Double 2100mm x 1850mm (6'10" x 6'1") or 2 x Single 1850mm x 760mm (6'1" x 2'6")	Fixed Bed 1900mm x 1350mm (6'4" x 4'6")	Fixed Bed 1900mm x 1350mm (6'4" x 4'6")
Maximum Front Axle Weight	1850kgs (36.33cwt)	1850kgs (36.33cwt)	1850kgs (36.33cwt)
Maximum Rear Axle Weight	2000kgs (39.28cwt)	2000kgs (39.28cwt)	2000kgs (39.28cwt)
Maximum Towing Limit	2000kgs (39.28cwt)	2000kgs (39.28cwt)	2000kgs (39.28cwt)
Mass in Running Order	3285kgs (64.53cwt)	3250kgs (63.83cwt)	3295kgs (64.72cwt)
Personal Effects Payload	94kgs (1.85cwt)	96kgs (1.88cwt)	96kgs (1.88cwt)
Conventional Load	75kgs (1.47cwt)	75kgs (1.47cwt)	75kgs (1.47cwt)
Optional Equipment Payload	546kgs 10.72cwt)	79kgs 1.55cwt)	534kgs (10.48cwt)
Maximum User Payload	715kgs (14.04cwt)	250kgs (4.91cwt)	705kgs 13.84cwt)
M.T.P.L.M.	4000kgs (78.57cwt)	3500kgs (68.75cwt)	4000kgs (78.57cwt)

The Mass in Running Order includes a tolerance for material variances and an allowance for the driver, a full tank of fuel, 90% of the water tank, gas bottles and the auxiliary battery.

Maximum User Payload includes **Personal Effects, Optional Equipment** and the **Conventional Load**.

Note 1: Please take care to ensure that you have allowed for the masses of all items you intend to carry in the motorhome.

Note 2: Warning under no circumstances must the Maximum Technical Permissible Laden Mass of the motorhome be exceeded.

Note 3: All data is calculated using metric weights and measurements. The imperial figures quoted are conversions thereof.

Note 4: Care should be taken when loading your motorhome in order to ensure that you do not exceed either the front or rear axle maximum weight.

Note 5: If used as single beds rather than a double bed, single bed measurements in the 215 are calculated incorporating usage of the front driver and passenger seats.

Note 6: The double bed in the 240 is measured with the chest of drawers removed.

Note 7: The maximum height is increased by 100mm when the optional awning is fitted.



GENERAL QUESTIONS

Q: Where Can I Obtain Your Latest Brochure?

A: Our latest brochures are available from Approved Retailers or can be viewed and printed from the **download** section on our website www.explorer-group.co.uk. A request form can also be completed should you wish to receive a printed copy of our latest brochures.

Q: Why Is the Handbook Not Specific To My Model?

A: Many of the components used in the manufacture of our motorhomes are identical throughout our model ranges, so we produce a generic handbook, which covers all models manufactured for that season. If the literature supplied with your motorhome does not answer your question then please contact your Retailer for further assistance.

Q. I Require Technical Or Other Information, Who Can Help Me?

A. The majority of information you require is available through your Explorer Group Retailer.

Q - Can You Tell Me The Second Hand Price Of My Motorhome?

A - As a manufacturer we are not involved in the second hand market. You should contact a Retailer, The Camping and Caravanning Club and/ or The Caravan Club. They should be able to give some indication of market value.

Q: Can I Fit A Bicycle Rack/Top Box/Air Conditioning To My motorhome?

A: It may be possible to fit accessories to your motorhome but this will depend upon the internal construction of the roof/walls and whether they can support the weight of the accessory. If it is possible your Retailer will be able to advise you, (or alternatively they will obtain confirmation and a drawing where necessary, from The Explorer Group). Please note that weight of any accessories will reduce your User Payload allowance.

Q: My Interior Lights Are Not Working, What Do I Do?

A: It is possible that all of the 230V mains electrical equipment may not be operated simultaneously. Check fuses, battery connections

and power supply (master light switch). Refer to your Retailer for further assistance.

PLEASE NOTE: The internal lights in your motorhome will not operate whilst the motorhome engine is running.

Q: Where Can I Get Spare Parts For My Motorhome?

A: Retailers will be able to source most parts you require. For details of your nearest Explorer Group Retailer please refer to our Find A Retailer section on our website, or call 01207 699 000 for assistance.

Q. How Many Years Will Spare Parts Be Available For My Motorhome?

A. The Explorer Group will endeavour to supply spare parts for a motorhome, for at least 8 years from new.

Q. Why Don't You Stock Parts At The Explorer Group Factory?

A. Due to the volume of models we produce it is not possible for us to maintain stock levels of every individual component used in our manufacturing process. We do stock commonly requested items, but some items must be made to order

Q. What If The Parts Are No Longer Available?

A. Where an original part is no longer available, whenever possible we will suggest a suitable alternative if it is available.

Q: Who Can Service My Motorhome?

A: Your supplying Retailer is obliged to undertake your warranty work. However, any approved Explorer Group Retailer or Service Centre can undertake the work, but this is at their discretion. We will also accept services completed by a NCC approved company, but they will not be able to undertake warranty work if they are not approved by Explorer Group.

Q. I Am Having Trouble Booking My Motorhome in For Its Service, In Line With The Requirements. What Timescale Is Acceptable?

A. We will allow a delay of 60 days after your service is due, but subsequent annual services should still be undertaken as close as possible to the anniversary of the original date of purchase.



Except for 3rd and 5th services that must be on or before the anniversary of the original date of purchase.

Q. I Have A Problem With My motorhome, Who Can Help Me?

A. We would always recommend that you contact your supplying Retailer. Your local Explorer Group Retailer or Explorer Group Approved Service Centre may be able to assist. An inspection can then take place and the necessary course of action agreed.

Q. I Am Unhappy With The Service I Have Received From My Retailer/Service Centre, Where Do I Go From Here?

A. We would recommend that you write to your Retailer/Service Centre, detailing your problems and requirements, requesting a response explaining how they will resolve your complaint. A copy of your letter can also be forwarded to The Explorer Group Customer Services Department, quoting the serial number of your motorhome and the name of the Retailer/Service Centre. Please be assured that we will assist your Retailer/Service Centre in resolving any problems.



GLOSSARY

ABS - plastic

Acrylonitrile Butadiene Styrene Plastic the material used for most of the large plastic components within your motorhome.

Actual Laden Weight

This is the total weight of the motorhome when loaded ready for use by the end user.

Aquaroll

Brand name used generically for a water container that rolls so you don't need to lift it.

Battery Charger

This is required to keep a leisure battery charged. Most motorhomes include a charging facility that operates via the mains hook-up, and also has the ability to recharge from the tow car's alternator while travelling.

Berth(s)

Sleeping place - Refers to the number of people a motorhome can accommodate for sleeping.

Blown Air Heating

A method of heating the living quarters of a motorhome by use of a fan pushing air out through a number of outlets.

Bunk Bed

This is a sleeping place, usually higher up than a conventional bed. Often (but not always) this can be folded or removed to provide additional living space.

Butane

Is a form of Liquefied Petroleum Gas (LPG) that normally comes in blue cylinders. This type of gas is most commonly used in the UK, although a switch to propane is advised in severely cold weather conditions.

Campingaz

This is the trade name of Butane gas.

Cassette Blind

This is a roller blind that is fitted as part of the window assembly, often along with a flyscreen, thus giving a neat installation.

Cassette Toilet

A form of chemical toilet found in modern motorhomes, where the waste holding tank can be accessed and emptied from outside.

Control Panel

Used as the description for the panel of electrical switches and gauges governing 12V and mains electricity systems.

Dinette

This is a popular style of seating arrangement where two seats or settees face each other across a table.

Earth Leakage Circuit Breaker (ELCB)

ELCB Earth leakage circuit breaker - see residual current device (RCD)

End Kitchen

A common term used to describe floor plans that put the kitchen across the rear, usually adjacent to a motorhome door on one side and washroom on the other.

Essential Habitation Equipment

Those items and fluids required for the safe and proper functioning of the equipment for habitation as defined by the manufacturer of the motorhome. This includes items such as the leisure battery and gas cylinders, plus water contained in the water heater etc.

Flyscreens

Mesh fittings for windows doors and roof vents, to keep out insects etc.

Free-Standing Table

This is a table that, because of its leg design, can be used inside or outside.

Full Service Pitch

This is a pitch that has individual provision for fresh water supply and waste water disposal, in addition to mains electricity and in some cases TV aerial connection.

Gas Cylinder

This is a portable, pressurized container for the storage of LPG.

Gas Cylinder Locker

Is the compartment on the motorhome for the storage of gas cylinders.

Gas Drop out Holes

These are not part of the ventilation. LPG is heavier than air, so holes through the floor below gaspowered appliances allow any leakage of gas to exit the habitation area.



Grey Water

This is the waste water from sink/shower.

Gross Vehicle Weight (GVW)

This is the weight of the vehicle laden to its maximum, as defined by the manufacturer. See also MTPLM.

GRP

Is Glass-reinforced plastic, but more commonly known as glass fibre (not fibre glass, which is a trade name)

Handbook

This is an owner's manual, a guide to the workings of your motorhome.

Hardstanding

This is a pitch which has a hard surface made of gravel, asphalt, concrete etc, instead of grass.

Hook-Up

This is a facility on a pitch for connection to mains electricity.

Ingress

Usually meaning water ingress, a possible problem where water seeps in at the joins, usually as a result of worn sealant.

Jack

This is a device for raising the vehicle so that a wheel can be changed.

Kerb Weight

This is the empty weight of a motor vehicle as defined by the manufacturer.

Layout

This is the Interior design and details where furniture units are placed in relation to each other.

Leisure Battery

This supplies the power for the motorhome electrical systems and is sometimes called an auxiliary battery.

Levelling

The process of ensuring that a motorhome is level when sited on a pitch. It is important for comfort and also to ensure the correct functioning of the fridge and water systems.

LPG

Liquid Petroleum Gas, i.e. butane or propane.

L-Shaped

This is a term where the seating area of a motorhome is indeed Lshaped.

Mains Hook-Up

This is a site facility where you can plug into a mains electricity supply.

Maximum User Payload

This is the maximum payload available for the user including essential habitational equipment.

MIRO - Mass In Running Order

Weight of the motorhome equipped to the manufacturer's standard specification. Therefore the condition in which it leaves the factory. Note that this does not include any part of the user payload, including the essential habitation equipment.

MTPLM - Maximum Technically Permissible Laden Mass

The technical maximum permissible laden weight of the motorhome, this must not be exceeded.

National Caravan Council

The only trade association representing manufacturers, retailers and suppliers within the caravan and motorhome industry.

Optional Equipment Payload

The payload provided by the Explorer Group for any factory fitted options that may be available.

Owners' Club

This is a group of people who usually own the same brand of caravan or motorhome and enjoy meeting up for rallies.

Payload

The amount you can put into a motorhome. Specifically the difference between the Maximum Technical Permissible Laden Mass (MTPLM) and the Mass In Running Order (MIRO).

PDI

This is an inspection undertaken by the Retailer prior to handover to the customer.

Pitch

A designated area of a caravan site allocated for the use of one outfit. Most sites will be arranged with defined pitches.

**Propane**

Gas used in colder conditions and is usually supplied in red cylinders.

RCD

This is a residual current device and is part of the electrical system that will 'trip' if there is an electrical fault.

Gas Regulator

Safety device fitted between the gas cylinder and the gas system of a motorhome, which controls the pressure of gas being released from the cylinder.

Road Lights

The external lights used while the vehicle is traveling.

Roof Lights - See RoofVent.

RoofVent

Is an opening unit in the ceiling that lets in ventilation and light, these vary in size, but the best ones will have integral blinds and flyscreens and are also called rooflights.

Semi-Rigid Pipe work

Is water pipes made of a semi rigid plastic and are infinitely preferable to cheaper convoluted piping which can act as a trap for germs and smells.

Slats

Sometimes used for beds and can improve ventilation to mattress cushions.

Space Heater

This is a type of heating equipment for the living quarters. Modern units fitted offer gas and mains-operation.

Speed Rating

This is the maximum speed at which a tyre may be used, as marked on its sidewall.

SMMT

Society of Motor Manufacturers and Traders.

Torque Wrench

A form of spanner used to set nuts and bolts to a specified degree of tightness. It is recommended for adjustment of wheel fixings on motorhomes.

User Payload

The weight of all items carried in the motorhome.

U-Shaped Settee

Usually a reference to seating that literally is 'U' shaped.

Vehicle Kerb weight

The weight of the tow car often indicated in the manufacturers specifications.

VIN - Vehicle Identification Number

This is a unique serial identification number for a vehicle. All cars and motorhomes should carry a VIN. Motorhomes are not obliged to, but most of those sold in recent years in the UK do.

Warranty

Are the terms and conditions that spell out your rights with regard to servicing, repair or replacement of parts as provided by the manufacturer.

Wild Camping

Term used for staying overnight away from a site. Illegal in many countries, but permission may be granted by individual landowners.



ANNUAL HABITATION SERVICE RECORDS

ANNUAL SERVICE RECORD

MOTORHOME MODEL.....

VEHICLE IDENTIFICATION NUMBER..... YEAR.....

1st SERVICE

DATE:

RETAILERS STAMP:

I/We certify that an annual service has been carried out in accordance with the manufacturers' and National Caravan Council recommendations.

2nd SERVICE

DATE:

RETAILERS STAMP:

I/We certify that an annual service has been carried out in accordance with the manufacturers' and National Caravan Council recommendations.

3rd SERVICE

DATE:

RETAILERS STAMP:

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4th SERVICE

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All the illustrations and descriptive matter in this guide are intended to give a general idea of the caravan. Changing market and supply situations may prevent the manufacturer from maintaining the exact specifications and details in this handbook and we therefore reserve the right to alter specifications and materials as conditions demand.

Retailers are independent of the manufacturer and have absolutely no authority to bind the manufacturer by any express or implied undertaking or representation.

Model Year 2011