

ISLAND PLASTICS

Romahome Quartet



The images in this document have kindly been shared by Dragonville Leisure, Lincolnshire
camper vans and motorhomes and made into this free to use pdf by
www.smallmotorhome.co.uk
for personal use only - must not be sold

OWNER'S HANDBOOK

Island Plastics
Romahome Quartet

OWNERS HANDBOOK AND GUIDE

Citroen Romahome Quartet

UNIT DETAILS

CONSTRUCTION NO. [REDACTED]

BASE VEHICLE [REDACTED]

SPECIFICATION NUMBER.....

We congratulate you on becoming the owner of an **ISLAND PLASTICS** vehicle. Your motor caravan meets the **National Caravan Council (NCC)** and the **Society of Motor Manufacturers and Traders (SMMT)** Code of Practice standards.

This guidance has been prepared so that you may enjoy your motorhome to its maximum safe use and be aware of the advantages or limitations of the various accessories and parts. **It is important to read and understand the contents of the Handbook thoroughly** and, where applicable any manufacturer's instructions, which have been included for particular items of equipment.

Please consult the vehicle handbook for instruction and information on the base vehicle.

Company policy is one of continual change or improvement and we reserve the right to alter specifications or designs. If some detail contained herein is not exactly in accordance with your unit an amendment will be appended to these instructions.

If you need help or advice, do not hesitate to telephone us. You must always quote your units construction number (see above) in any conversation with us.

ISLAND PLASTICS

pect Road, Cowes, Isle of Wight
PO31 7AD

Tel: 01983 292451

Fax: 01983 290266

www.islandplastics.co.uk

Island Plastics
Romahome Quartet

CONTACT Page No:

Illustration No:

Battery Care	16	
Storage Space (Fitting)		9,10,
Cooker, Fridge, Grill	10,11	20
Cushions and Bed Making	7,	18,19
Electrical system	12,13,14,15,16 17	3,4,5,6,7,
Earthing	12	
Fire Precautions	22	
Galley	7	
Gas Cylinders	10,11	
Gas System	10,11	2
Heating system	20	4,17,18,
Important Advice	22	
Introduction	1	
Internal sizes	4	
Locks	8	
Luton	7	
Mains electrical hook up option	16	3,
Mains Wiring diagram	21	
Maximum Pay Loads	6	
Motor Caravaner's Code	21,22	
Optional Extra Equipment	7	
Layout diagram	16	4,
Power Socket 12 volt	18	19,
Refrigerator	16	7,
Residual Current Device (RCD)	8	
Step	11	
Safe handling of LPG gas	16	
Safe Precautions for Connecting Mains Supply	15	14,
Shower head	7	19
Skylight and Fly Screen	4	5
Secondary Battery	7	
Spare Wheel	4	
Specification	7	
Standard Equipment	7	
Table Positions	7	8, 21,
Toilet	8	15, 16
Tyre Pressures	2	
Warranty	3	
Warranty Registration Details	6	
Weight Distribution	8	
Windows	24,25,26,27,	
Wiring Diagrams	16	5
Zig x 7 Transformer	25	
Warranty and instructions for Equipment (where Fitted)		

11. The warranty only applies to goods sold and used within the European Community.

SECOND OWNER

CONTACT:

Name

Address

ISLAND PLASTICS

Prospect Road, Cowes, Isle of Wight, PO31 7AD

Contact Numbers

Tel: 01983 292451 Fax: 01983 290266

Stockist

Construction No

WARRANTY

If you have any problems, which need urgent attention please, phone your dealer and follow your phone call by writing with full details of your problem.

IMPORTANT NO ACTION WILL BE TAKEN BY US UNLESS YOU QUOTE IN ALL COMMUNICATIONS YOUR UNIT CONSTRUCTION NUMBER (SEE PLATE DRIVERS DOOR). These conditions in no way affect your statutory rights.

The warranty is subject to both the conditions detailed herein and those in our **CONDITIONS OF SALE** a copy of which will be supplied upon request.

Island Plastics (the Company) warrants that the owner detailed in this warranty will, subject to the Company's conditions, receive free repair and replacement of any part, except those detailed in sections 5 and 8 below, which as a result of defective workmanship or materials, require repair or replacement within 12 months of the date of first registration with Island Plastics. No third party or employee can be considered a legal representative of Island Plastics and has no right to assume on the Company's behalf an obligation of any kind, expressed or implied or to bind entirely.

Any statement made by employees of the company must have been confirmed in writing within 10 days, otherwise the Company cannot accept responsibility.

Any customer's letters or instructions should be addressed to the Company and the Company shall not be responsible for any loss, damage or misinterpretation arising from phone calls not confirmed in writing or with correspondence sent to its employees.

The warranty is subject to the following conditions.

1. The product has not been overloaded or used for racing or time trials or used for hire or reward or otherwise misused under conditions not normally considered suitable for products of this type.
2. The product has been maintained in a proper manner.
3. The product or any part of it has not been altered, modified or repaired without the Company's prior consent.
4. The owner immediately notifies the Company in writing in discovering a fault due to defective workmanship or materials.
5. That any claim under this warranty is not covered in respect of parts damaged accidentally.
6. That all repairs are carried out by the Company, or after receiving prior consent from the Company, it's nominated representative
7. The warranty form has been completed and recorded at the Company's registered office.
8. Parts which are not covered by this warranty are the base vehicle and all its parts, Cooker, Refrigerator, Heater and all parts covered normally by the respective manufacturer's own warranty (please send their registration cards where applicable, direct to them). Fitted parts such as fluorescent tubes, light bulbs, glass or similar sundries are not covered. Unless it is shown beyond any doubt that the fault lies within the product as built by Island Plastics, no claim for any electrical fault will be accepted where clients or third parties have carried out their own wiring on the base vehicle or made modifications to the unit wiring.
9. The unit is supplied in good working condition and signed for as being as such by the customer or stockist. No liability for damage, blemishes, shortages or missing parts can be considered unless the customer or stockist notifies the company in writing within three days of the date of supply from our factory.
10. The customer will return, at the Company's request, any faulty part, which has been or is to be replaced under warranty.

11. The warranty only applies to goods sold and used within the European Community.

SECOND OWNER

Name Date Supplied
Address Phone No.
.....
.....
Stockist
Construction No Chassis No
Inspector
This portion to be retained in handbook by owner for reference propose only.

FIRST OWNER

Name Date Supplied
Address Phone No.
.....
.....
Stockist
Construction No Chassis No
Inspector
This portion to be retained in handbook by owner for reference propose only.

SECOND OWNER

Name Date Supplied
Address Phone No.
.....
.....
Stockist
Construction No Chassis No
Inspector
This portion must be returned to Island Plastics in order to register your warranty. We will take no action in the event of any claim unless it has been registered with us.

FIRST OWNER

Name Date Supplied
Address Phone No.
.....
.....
Stockist
Construction No Chassis No
Inspector
This portion must be returned to Island Plastics in order to register your warranty. We will take no action in the event of any claim unless it has been registered with us.

SPECIFICATION

The Romahome **Quartet** is classified as a micro motor caravan and comes within the Habitation Code of Practice as recommended by the National Caravan Council (**NCC**) and the Society of Motor Manufacturers and Traders (**SMMT**) under the requirements of a small motor caravan conversion. It is based on proven Citroen Berlingo chassis cab.

FULLY FITTED QUARTET

MAXIMUM AUTHORISED MASS:	1955 Kg
ACTUAL VEHICLE MASS:	1660 Kg
VEHICLE OPERATING MASS:	1810 Kg
SPARE MASS CAPACITY:	145 Kg

BASE VEHICLE: SEE VEHICLE HANDBOOK

The **ACTUAL VEHICLE MASS** is the kerb weight of the base vehicle, together with the motorhome conversion "in running order" and including bodywork, coolant, oils, fuel, spare wheel, all possible fitted extras for the motorhome as detailed in our price list, drinking water, gas and 75kg for the driver (68kg for driver plus 7 kg hand baggage). (The **ACTUAL VEHICLE MASS** is quoted to include extras whether you have fitted them or not).

VEHICLE OPERATING MASS is the **ACTUAL VEHICLE MASS** plus an allowance of 75kg for each extra passenger for whom a berth is provided together with a further allowance of 75kg for general goods.

The **SPARE MASS CAPACITY** is the extra mass, which you may carry and is calculated by deducting the **VEHICLE OPERATING MASS** from the **MAXIMUM AUTHORISED MASS**.

The following definitions apply:-

The **MAXIMUM AUTHORISED MASS** is the maximum technically permissible laden mass as defined by the vehicle manufacturer.

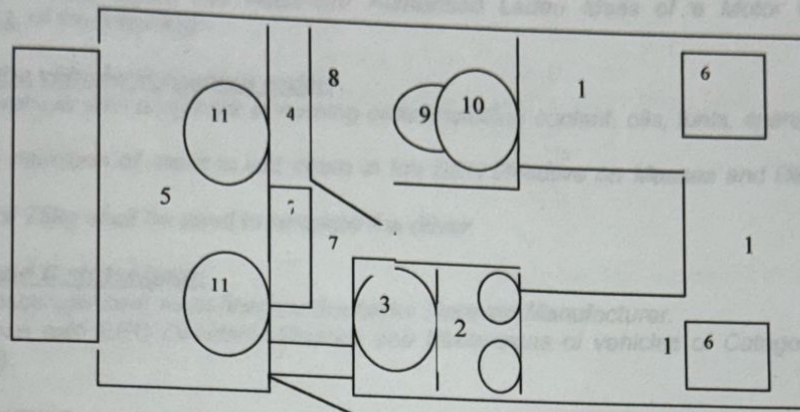
DIMENSIONS

EXTERNAL SIZES

	Imperial	Metric
OVERALL LENGTH:	15ft 9ins	4.85m
OVERALL HEIGHT:	8ft 4ins	2.60m
OVERALL WIDTH:	6ft 3ins	1.92m

INTERNAL SIZES

Mean height in Galley	6ft 3ins	1.95m
Mean height in Dinette	6ft ½ ins.	1.84m
Luton bunk size	4ft ½ ins. × 6ft 1 ins	1.22m x 1.86m
Double bunk size	46 ins × 6ft 1ins	187m x 1.85m



LAYOUT DIAGRAM FOR QUARTET

- 1 Seats/bunks/storage, makes up into one large double berth.
- 2 Two burners and grill with fridge below and storage cupboard above.
- 3 Sink, with hot & cold water
- 4 Soft hanging suit carrier. (behind Driver)
- 5 Forward Luton storage/sleeping area
- 6 Fresh water (off side) and waste water (near side) storage tanks.
- 7 Spare wheel
- 8 Shower
- 9 Toilet
- 10 Wash basin
- 11 Driver & Passenger seats

WEIGHT DISTRIBUTION

It is recommended that heavy items are spread so that their weight is distributed over both axles. You should avoid excessive weights being on any one axle. This includes the galley.

If you have to site a heavy load in a particular position, you should equilibrate the situation by having a counterbalancing load elsewhere, so that the weight distribution remains even and you remain within the limits quoted for each axle. The maximum load for each axle is quoted in the vehicle handbook.

IMPORTANT

PLEASE TAKE CARE TO ENSURE THAT YOU HAVE ALLOWED FOR THE MASSES OF ALL ITEMS YOU INTEND TO CARRY IN THE MOTOR CARAVAN e.g. passengers, optional equipment essential habitation equipment and personal effects such as clothing, food pots bicycles, surfboards, sports equipment etc.

WARNING

UNDER NO CIRCUMSTANCES SHOULD THE MAXIMUM TECHNICALLY PERMISSIBLE LOADED MASS OF THIS MOTOR CARAVAN BE EXCEEDED.

MAXIMUM PAYLOADS FOR MOTOR CARAVANS

Provision shall be made within the Maximum Authorised Laden Mass of a Motor Caravan to accommodate **ALL** of the following:-

A. The mass of the vehicle in running order.

The mass of the vehicle with bodywork in running order including coolant, oils, fuels, spare wheel, and driver.

N.B. The precise definition of mass is laid down in the EEC Directive on Masses and Dimensions of category M1.

A notional mass of 75kg shall be used to simulate the driver.

B. Passengers and their luggage.

75kg for every passenger seat as defined by the Motor Caravan Manufacturer.

N.B. In accordance with EEC Directive, Masses and Dimensions of vehicles of Category M1 (68kg plus 7kg luggage).

C. General Allowance.

A general allowance of 75kgs.

D. Options and Ancillary Equipment.

1. The masses of all items of equipment offered as options by the manufacturer as stated in the manufacturer's published documentation whether or not fitted at the time of delivery and selected by the dealer/customer from the range of options available.
2. The mass of any item for which the motor caravan has been specifically designed to accept whether or not fitted at time of delivery.

EXPLANATORY NOTES

The allowances under "D" shall include such things as batteries, toilets, gas cylinders and contents, bicycles etc, that is to say that if a bicycle holder is either fitted or is offered as an option, the mass of a bicycle shall be allowed for.

If a supplementary battery is fitted its mass should be allowed for.

The manufacturer may specify where any gas cylinders should be stored thus the mass of the recommended cylinder must be allowed for.

WEIGHT DISTRIBUTION

It is recommended that heavy items are stored so that their weight is distributed over both axles. You should avoid excessive weights behind the rear axle. This includes the galley.

If you have to site a heavy load in a particular position, you should equalise the situation by having a compensating load elsewhere, so that the weight distribution remains even and you remain below the limits quoted for each axle. The maximum load for each axle is quoted in the vehicle handbook.

IMPORTANT

PLEASE TAKE CARE TO ENSURE THAT YOU HAVE ALLOWED FOR THE MASSES OF ALL ITEMS YOU INTEND TO CARRY IN THE MOTOR CARAVAN
e.g. passengers, optional equipment essential habitation equipment and personal effects such as clothing, food pets bicycles, sailboards, sports equipment etc.

WARNING

UNDER NO CIRCUMSTANCES SHOULD THE MAXIMUM TECHNICALLY PERMISSIBLE LADEN MASS OF THIS MOTOR CARAVAN BE EXCEEDED.

STANDARD EQUIPMENT

- Cushions and curtains in co-ordinated colours.
- Double-glazed acrylic side opening windows
- Electrolux RM 4213 60 Litre three way (gas / 12v / 240v) Refrigerator.
- Electric water pump, 23 litre integral fresh water tank and 23 litre waste water tank.
- Exterior gas locker
- Free-standing table.
- Hanging Suit carrier.
- Insulated lining.
- Interior lights.
- Mains electric inlet with transformer / Battery charger and earth leakage trip circuit breaker. (3Kg)
- Route 2000 Poly Step
- Secondary battery with split charging relay (14 Kg)
- Shower ,Toilet and Wash hand Basin
- Skylight with fly- screen.
- Smoke Alarm
- Stainless Steel sink
- Timed controlled central heating system running from Eberspacher Diesel (Weight 25Kg)
- Twin Hob / grill.

OPTIONAL EQUIPMENT

- Awning 90" × 78" × 102". (Weight 20Kg)
- Upholstered driver and passenger seats in a choice of fabrics.
- Scatter cushions

SEATING

The rear of the Quartet is fitted with surround seating providing ample space for relaxing or dining and has storage overhead and some storage space underneath.

The DINING TABLE when not required should be stowed in the shower area and secured with the clip provided.

The LUTON (over cab area), may be used for large or bulky items but you should avoid excessive weight which could make your unit top heavy.

The GALLEY is integral with the accommodation area with a fold-down **WORKTOP** giving extra working area. it should not be used for heavy items. When not in use it should be stowed in its upright position held by a catch The fold down worktop must be down whilst the hob is in use. Avoid putting **HOT PANS** on working surfaces.

The galley is fitted with a two burner **HOB AND GRILL**. The use of this is covered by the separate manufacturer's leaflet.

BED MAKING

Lift the cushions into a vertical position, place the table onto the rests provided (legs still folded under) and move the cushions into place using the two large seat cushions in the middle.

VENTILATION

It is recommended that you ventilate your unit as much as you are able. On no account should any of the fitted vents be obstructed, particularly those involving installed equipment or the gas storage compartment. **Your safety may well depend upon this.** The roof vent provides useful ventilation. Ventilation may be further increased by slightly opening the side windows. Top hung **WINDOWS** have variable positions with the security locks in the first notch. Wider openings are affected by tightening the locking devices on the window stays at the desired position. (They should be loosened before re-adjusting and not forced). However, you must **ALWAYS** ensure that the side windows are firmly and fully closed and it is recommended that roof vents be closed when the vehicle is moving. Ventilation is particularly important whilst cooking or whilst the unit is in use. It is surprising how much moisture the human body gives out even at night. Without ventilation in a confined space, condensation can become a real problem.

VENTILATORS must be kept clean and clear at all times. The flue vent and air circulation vents for your refrigerator should be cleaned at least once every 12 months. There are low-level air vents beneath the refrigerator and in the bottom of the gas storage locker - make sure they are kept clear of obstruction.

WINDOWS

The side windows fitted to your Romahome are manufactured from Acrylic plastic, care must be taken when cleaning these surfaces, ensure any grit is washed off prior to cleaning with a soft cloth.

LOCKS & KEYS

To help avoid **FROZEN LOCKS** in the winter, you should insert a small amount of glycerine. We remind you to take, and keep separate, a note of all key numbers. In case of difficulty, Island Plastics do keep a record of key numbers.

Care should be taken when **DRIVING** your motorhome in high winds or on motorways. As a high-sided vehicle, the performance is different from a car. In **HIGH WINDS**, particularly driving from a protected area into a gust, (e.g. passing large vehicles etc.), a strong side-wind can dangerously interrupt your passage and you should therefore moderate your speed accordingly. On motorways or other high-speed roads, the **PRESSURE WAVES** from fast moving lorries or coaches can give you a real buffeting. Keep clear where possible and adjust your speed accordingly.

The **JACK AND JACK HANDLE** are stowed behind the drivers seat .

The Route 2000 Poly Step supplied with your Romahome should only be used on level ground. For convenience the step may be stowed in the foot-well.

THE SPARE WHEEL is situated behind the passenger seat

TYRE PRESSURES

For tyre pressures please refer to the guidance on drivers door pillar.

- Front 43 psi.
- Back 54 psi.
- Standard tyre size 165×70×14

GAS SYSTEM

Your ROMAHOME has been designed for use with Butane CAMPING GAZ and recommended tanks. The GAS STORAGE COMPARTMENT is sited towards the rear of the rear compartment with external access.

WATER SYSTEM

The **FRESH WATER** storage tank is located under the vehicle towards the rear on the offside with a capacity of 60 litres or 13 gals. The lockable filler is located on the rear of the Romahome

The **WASTE WATER** storage tank also has a capacity of 60 litres or 13 Gals. is located underneath the vehicle towards the rear on the near side of the unit.

Water left in the tank for extended periods may become unsuitable for drinking or washing and you should therefore change it as frequently as is practical. Please bear in mind that any cleaning fluid you use may taint the water. Baby's bottle sterilising tablets are quite effective and also assist in reducing the taint on new tanks. The tank may be flushed by running water through the filler cap at the same time as turning the tap fully on (taking care not to run dry or overfill!)

The water is fed from the tank via an **ELECTRIC PUMP** which is activated by the tap which contains an on / off electrical switch. The system is pressurised and the pump self-priming.

You must avoid activating the water pump when the tank is empty as **RUNNING THE PUMP DRY** may cause damage.

A hose or showerhead may be attached to the tap if you require it. (standard on the hot water system)

To **DRAIN THE WASTEWATER TANK**, place a suitable container under the outlet to the tank and open the tap. An **ACCESS HATCH** is provided on the waste tank so you can flush the tank clean.

Most of the **HOSE JOINTS** within your system are secured using Jubilee hose clips and you should ensure that these are always securely fastened and kept greased to prevent corrosion.

It is advisable to **DRAIN** the water tank during periods when your **ROMAHOME** is not in use, particularly during winter periods. The water pump should not be used if water is frozen and there is no free flow as it is liable to damage the pump.

WHEN TRAVELLING, you should always ensure that the gas supply has been turned off at both the supply taps inside your ROMAHOME and at the gas cylinder itself. If you are involved in an accident, leaking gas can be a major hazard.

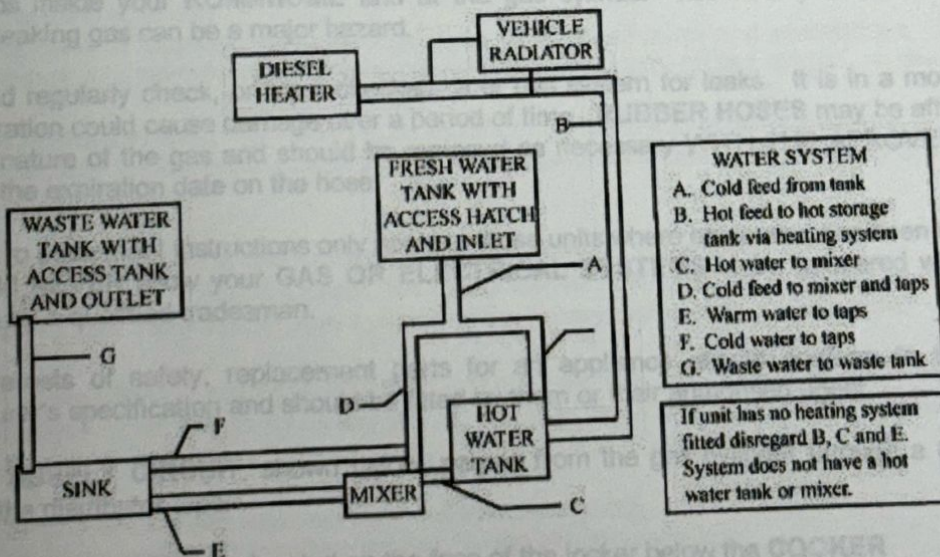
You should regularly check, clean and replace the filter in the water pump. It is in a moving vehicle where vibration could cause the filter to become dislodged. RUBBER HOSES may be affected by the corrosive nature of the gas and should be replaced at a period of time specified on the hose. If you are involved in an accident, leaking gas can be a major hazard.

(Refer to the instructions only) You should always check the instructions for the use of the unit. If you are involved in an accident, leaking gas can be a major hazard.

In the interests of safety, replacement parts for a appliance should be obtained from the manufacturer's specification and should be fitted by a competent person.

The GAS SUPPLY TAPS are located on the face of the locker below the COOKER. One tap is for the cooker, the second for the refrigerator. For safety reasons, taps should be turned off when an appliance is not in use.

See Next Page for Gas Diagram.



GAS SYSTEM

Your **ROMAHOME** has been designed for use with Butane **CAMPING GAZ** and recommended bottle size 907 (2.72kg - 6lb). The **GAS STORAGE COMPARTMENT** is sited towards the rear of the rear side of your **ROMAHOME** with external access.

You must make sure that the **VENTILATION** to this locker is never obstructed.

Your unit comes complete with the recommended regulator for **BUTANE** at 28 Mbar. You should never use an adjustable type regulator. Most of the equipment has been designed for use with either **BUTANE** at 28 Mbar or **PROPANE** at 37 Mbar. However, in its supplied mode it should be used with **BUTANE** only and you should check with an approved LPG gas dealer if you wish to make changes to the system, either to the equipment or to the type of gas. Details of working pressures are included in the instructions, for your **COOKER**, and **REFRIGERATOR**,

Never **CHANGE A GAS CYLINDER** or disconnect a supply hose whilst smoking or near a naked flame or any electrical item likely to cause a spark.

The gas cylinder is connected to your vehicle with a **RUBBER HOSE** check regularly (see note below) and then to a fitted copper tube. This latter must not, as far as is practical, be disturbed or flexed in a manner which could cause damage and create a gas leak.

The **CYLINDER MAY BE CHANGED** by gently lifting it out of the locker, placing on the ground and unscrewing from the regulator, reversing the procedure with the new one.

Gas cylinders in use must only be stored in their **UPRIGHT POSITION** and **NEVER** on their side. SMMT code of practice for construction and use of Motor Caravans also recommend that spare cylinders are stored in an upright position. The main supply cylinder is retained in place with a retaining strap, make sure it is always in place and the cylinder is secure.

The **REGULATOR** should always be screwed firmly into position and never allowed to become loose and never over-tightened.

WHEN TRAVELLING, you should always ensure that the gas supply has been turned off at both the supply taps inside your **ROMAHOME** and at the gas cylinder itself. If you are involved in an accident, leaking gas can be a major hazard.

You should regularly check, or have checked, your gas system for leaks. It is in a moving vehicle where vibration could cause damage over a period of time. **RUBBER HOSES** may be affected by the corrosive nature of the gas and should be replaced as necessary WITH THE APPROVED TYPE no later than the expiration date on the hose

(Referrals to equipment instructions only apply to those units where equipment has been fitted). You should **NEVER** allow your **GAS OR ELECTRICAL SYSTEMS** to be tampered with or altered other than by a qualified tradesman.

In the interests of safety, replacement parts for an appliance should conform to the appliance manufacturer's specification and should be fitted by them or their authorised agent.

The **GAS SUPPLY CIRCUIT**, shown below, passes from the gas cylinder through a 8mm (5/16"). supply to the distributor taps.

The **GAS SUPPLY TAPS** are located on the face of the locker below the **COOKER**. One tap is for the cooker, the second for the refrigerator. For safety reasons taps should be turned off when an appliance is not in use.

See Next Page for Gas Diagram...

GAS DIAGRAM

ELECTRICAL SYSTEM

Secondary battery and main wiring harness are available as standard. You should refer only to those parts of these instructions which apply to your motorhome. We use internationally recognised symbols for electrical components. To know more about wiring systems, you should refer to the relevant parts of the motorhome manual.

The 12-volt FLUORESCENT LIGHTING

The terminology of "earth" is used throughout the manual. It refers to the negative return. The return path for the current is through the main body of the motorhome to the power source. The cooker and sink/drainage (if

common practice), back through the main body to the power source. The cooker and sink/drainage (if

SAFE HANDLING OF LPG GAS

1. Handled properly, LPG is a safe, convenient and effective energy source. If handled incorrectly LP Gas can be hazardous. People have been injured in their homes, caravans, tents and boats by accidental fires and explosions involving gas from cylinders used with heaters, cookers, lights and refrigerators. These accidents can be avoided! Accidents most frequently occur as a result of gas leaking when people are assembling appliances or changing gas cylinders or cartridges. LP Gas is Butane or Propane and is stored as a liquid under pressure and a small leak can produce a large volume of highly flammable gas. The gas is heavier than air so it collects near the floor or ground and can be ignited at a considerable distance from the source of the leak resulting in a fire and possibly an explosion. Propane or Butane should be used as recommended by the appliance manufacturer; they are not interchangeable. LP Gas should not be used with appliances approved for other gases, e.g. natural gas.
2. If you smell gas, do not use the appliance. Find the leak and have it checked.
3. Before attaching a new cylinder to the appliance, ensure that the appliance tap is closed (turned fully clockwise). Check that the appliance seal is in good condition and correctly positioned in the bottom of the appliance tap where the cylinder screws in. Make sure the cylinder is screwed fully home into the connection keeping it upright and without using tools. Screw hand tight only.
4. Test for leaks by applying a branded gas leak tester to all joints and connections. Never use a lighted match or any other flame. When appliances are not in use, close the valve on the cylinder.
5. All gas appliances must have air to operate properly. Failure to observe this simple rule could be highly dangerous. Do not obstruct room ventilation or appliance flues. Regularly check they are not blocked or deteriorating.
6. **Butane** is supplied in the UK in Green, Blue, or Aluminium Cylinders. All these have a left hand thread **Except for Camping Gaz which has a special female right hand thread. Calor 7kg & 15kg Aluminium cylinders have a special clip on connection.**
- 7 **Propane** is supplied in red cylinders which have a female left hand threaded connector. Propane will work in temperatures as low as - 40°C and is therefore suitable for all winter motor caravanning.
- 8 Propane and Butane gas regulators are not interchangeable. Always refer to the manufacturers instructions for individual appliances.

Gas Safety Checks

The compact nature of motorhomes emphasises the need for regular maintenance and servicing of gas installations. LPG in motorhomes can put stresses into pipe work and appliances not experienced by their static counterparts, this reinforces the need for complete and regular safety checks by Corgi. Registered fitters

ELECTRICAL SYSTEMS - GENERAL GUIDANCE
TYPICAL POWER CONSUMPTION REQUIREMENTS

ELECTRICAL SYSTEM

Secondary battery and mains electric hook up are available as optional extras. You should refer only to those parts of these instructions that apply to your unit and its specification. We use internationally recognised systems and coloured cables. If you wish to know more about wiring systems, you should refer to an approved automotive electrical handbook.

The **12volt FLUORESCENT LIGHTS** are activated by the switch on the side of the light fitting.

EARTHING

The terminology of "earth" in the automotive industry for your 12-volt system is actually for the negative return. The returns all run to a number of "earthing points" and then (in accordance with common practice), back through the metal body to the power source. The cooker and sink/drain (if metal) are earthed when you have mains hook up.

IMPORTANT Your **MAINS HOOK-UP** has been certified by a registered Contractor of the National Inspection Council for Electrical Installation Contracting (NICEIC) and requires earthing in the same way as your domestic supply. On most sites an approved supply, earthing will be through the supply cable from the camp supply to your **ROMAHOME**. For further protection we fit an "**EARTH LEAKAGE TRIP**" which cuts the power in a microsecond if there is a leak to earth. However, **YOU MUST BE AWARE** that on some sites particularly continental, the earth cable may be faulty or even non-existent. If this coincides with "reversed polarity" in the supply your **ELCB** will be rendered ineffective and you have a potential problem. We therefore strongly recommend that you either fit into your mains circuit a **POLARITY SWITCH**, preferably with a buzzer which is activated on reverse or alternatively, use a tester on the camp supply before you connect.

RECOMMENDED PRECAUTIONS FOR CONNECTING TO A MAINS SUPPLY

1. Before connecting the Romahome installation to the mains supply, check that:-
 - a) The supply available at the pitch supply point is suitable for the installation of the Romahome and it's appliances.
 - b) the main switch is in the OFF position.
2. Remove or raise any cover from the electricity inlet provided on the Romahome and insert the connector of the supply flexible cable.
3. Remove or raise any cover from the socket outlet provided at the pitch supply point and insert the plug at the other end of the supply flexible cable.
4. Switch on at the Romahome main switch.
5. Check the operation of circuit breakers, if any fitted in Romahome.
6. **IN CASE OF DOUBT CONSULT THE ROMAHOME DEALER.**
7. To disconnect reverse the procedure described in Paragraphs 2 to 4 above.
8. The Romahome electrical installation should be inspected and tested once a year.

You have a factory fitted mains hook-up, which includes the ZIG X7 transformer you can charge your battery at up to 10 amps/hr (depending on which you have) and this should be taken into account when making your calculations.

ELECTRICAL SYSTEMS - GENERAL GUIDANCE TYPICAL POWER CONSUMPTION REQUIREMENTS

The power available from your vehicle battery will depend upon which model you have. You should refer to the vehicle handbook or the local dealer for this information.

Typical power abilities are:

Citroen Quartet Diesel 42 amp

CONSUMPTION

	12 volt supply	220/240 volt supply
Water pump	2.0 amp	_____
2 x 8 W fluorescent	1.33 amp	_____
10 W berth light	0.83 amp	_____
85 W refrigerator	7.1 amp	0.37 amp
2000 W kettle	_____	8.7 amp
1300 W toaster	_____	5.6 amp
1000 W microwave	_____	4.3 amp
100 W T.V.	8.0 amp	0.45amp

(the above is approximate only - please obtain advice if in doubt)

You can estimate how many hours capacity your battery will provide by adding the amperage of the equipment in use and dividing into the battery amperage. Batteries are usually quoted as the available amperage over a 20-hour discharging period. Discharging faster than this will reduce the amperage available.

e.g.

40 AMP/HR BATTERY AT 20 HOUR RATE			50 AMP/HR BATTERY AT 20 HOUR RATE		
DISCHARGE (Amps)	DISCHARGE (Amps)	CAPACITY (Amps/hrs)	DISCHARGE (Amps)	DISCHARGE (Amps)	CAPACITY (Amps)
1	40	40	1	60	60
2	20	40	2.5	20	50
3	12.5	37.5	3	16.5	49.5
4	8.5	34	5	8.7	47.5
8	3.75	30	10	3.8	38.0

e.g. 10 watt berth light at 0.83 amps plus the T.V. at 8amp = 8.83 amps. With a battery of 40 amp the maximum time would be 3.75 hours. However voltage falls as a battery becomes discharged and this will increase the consumption (amperage). You should therefore always err on the side of caution.

Campsites generally offer one of two mains hook-up capacities limited to either 10 amp or 16 amp. You must therefore bear this in mind when considering your total mains power requirement.

You have a factory fitted mains hook-up, which includes the ZIG X7 transformer you can charge your battery at up to 10 amps/hr (depending on which you have) and this should be taken into account when making your calculations.

If you are drawing power from your secondary battery, you must allow ample time for recharging. If charging is from your vehicle and you are only making short journeys, it is doubtful you will sufficiently re-charge it and alternative arrangements should be made.

The power and size of a secondary battery is limited to its compatibility with the vehicle battery.

12 VOLT SUPPLY USING THE SECONDARY BATTERY

Never expose a battery to a naked flame or spark. The Battery contains dilute Sulphuric Acid which is corrosive. When the battery is being refitted, ensure that the terminals are clean and free of corrosion. Immediately with the battery disconnected, disconnect the battery from the negative load (-) first.

REMOVAL OF BATTERY Disconnect the battery from the negative load (-) first. Refit the holding clamp.

REFITTING THE BATTERY Ensure pins and terminals are clean and free of corrosion. Never disconnect the load when the engine is running. Never disconnect the load when the engine is running. Both ends of battery wires should be secured with a suitable terminal or terminal block. In case of slight over-charge, the battery should be topped up with distilled water.

PRECAUTIONS Ensure pins and terminals are clean and free of corrosion. Never disconnect the load when the engine is running. Never disconnect the load when the engine is running. Both ends of battery wires should be secured with a suitable terminal or terminal block. In case of slight over-charge, the battery should be topped up with distilled water.

CHARGING A BATTERY The battery leads must be disconnected from the battery before charging. The voltage must not exceed 15.5 volts and the charging current must not exceed 10% of the rating marked on the battery casing. (e.g. 100 maximum current 40 amps). Duration of charge 24 hours. Completely discharged batteries may have to be connected for several hours before recharging. After charging a battery leave it for an hour before reconnecting it, a spark could cause it to explode. During periods of intensive use, the battery should be topped up with distilled water. Top up with distilled water if required. If the vehicle is to be taken out of use for periods of more than one month the battery should be disconnected.

NOTE: Some relays are fused, in which case 17 would be omitted.

When connecting your Quartet to a carrying site MAINS ELECTRIC hook-up system, either in the U.K. or elsewhere, ensure that the polarity is correct. The positive (+) terminal of the battery should be connected to the positive (+) terminal of the mains supply. The negative (-) terminal of the battery should be connected to the negative (-) terminal of the mains supply. If this is the case, you should either temporarily swap the live and neutral wires or use a separate cable for the live and neutral wires. If the vehicle is to be taken out of use for periods of more than one month the battery should be disconnected.

When connecting your Quartet to a carrying site MAINS ELECTRIC hook-up system, either in the U.K. or elsewhere, ensure that the polarity is correct. The positive (+) terminal of the battery should be connected to the positive (+) terminal of the mains supply. The negative (-) terminal of the battery should be connected to the negative (-) terminal of the mains supply. If this is the case, you should either temporarily swap the live and neutral wires or use a separate cable for the live and neutral wires. If the vehicle is to be taken out of use for periods of more than one month the battery should be disconnected.

When connecting your Quartet to a carrying site MAINS ELECTRIC hook-up system, either in the U.K. or elsewhere, ensure that the polarity is correct. The positive (+) terminal of the battery should be connected to the positive (+) terminal of the mains supply. The negative (-) terminal of the battery should be connected to the negative (-) terminal of the mains supply. If this is the case, you should either temporarily swap the live and neutral wires or use a separate cable for the live and neutral wires. If the vehicle is to be taken out of use for periods of more than one month the battery should be disconnected.

The wiring diagram above shows a **RELAY** fitted into your system so that both the primary and secondary batteries are charged when your engine is running. The **RELAY** ensures that power cannot be drawn to the **ROMAHOME** from the primary battery and also that when the batteries are being charged, the primary battery has priority. There is an "in line" 16 amp fuse fitted between the primary battery and relay.

The **SECONDARY BATTERY** is stored in a battery box under the passenger front seat. It is strongly recommended that the ventilation to this area is not obstructed.

You must ensure that all power is switched off, before you disconnect the battery terminals. You should avoid allowing your batteries to suffer temperatures below freezing point.

The battery should be maintained in a charged mode and regular checks should be made on its condition.

For units having both secondary battery and mains hook-up, charging is either from the vehicle alternator or the ZIGX7 transformer/charger.

If you are drawing power from your secondary battery, you must allow ample time for recharging. If charging is from your vehicle and you are only making short journeys, it is doubtful you will sufficiently re-charge it and alternative arrangements should be made.

The power and size of a secondary battery is limited to its compatibility with the vehicle battery.

The power and size of a secondary battery is limited to its compatibility with the vehicle battery.

The power and size of a secondary battery is limited to its compatibility with the vehicle battery.

The power and size of a secondary battery is limited to its compatibility with the vehicle battery.

The power and size of a secondary battery is limited to its compatibility with the vehicle battery.

The power and size of a secondary battery is limited to its compatibility with the vehicle battery.

The power and size of a secondary battery is limited to its compatibility with the vehicle battery.

The power and size of a secondary battery is limited to its compatibility with the vehicle battery.

The power and size of a secondary battery is limited to its compatibility with the vehicle battery.

BATTERY CARE

Never expose a battery to a naked flame or spark. The Battery contains dilute Sulphuric Acid which is corrosive. When handling a battery protect hands and face. In case of contact with the skin rinse immediately with copious amounts of clean water.

REMOVAL OF BATTERY Disconnect the battery leads Negative lead (-) first.

REFITTING THE BATTERY Connect the positive lead (+) first. Refit the holding clamp.

PRECAUTIONS

Ensure posts and terminals are clean. If they become sulphated, disconnect and clean them.

Never disconnect the leads when the engine or appliance is running.

Never recharge the battery without first disconnecting the leads.

If the battery is fitted with removable filler plugs ensure the electrolyte covers the battery plates.

Both types of battery should be topped up with distilled water.

In case of slight over filling protect the terminals with grease.

CHARGING A BATTERY

The battery leads must be disconnected from the battery. The voltage must never exceed 15.5 volts and the charging current must never exceed 20% of the rating marked on the battery casing,

(e.g. L1-200 maximum current 40 amps) Duration of charge 24 hours.

Completely discharged batteries may have to be connected for several hours before accepting a charge current. Only battery chargers with a constant regulated voltage output should be used.

After charging a battery leave it for an hour before reconnecting it, a spark could cause it to explode.

During periods of intensive use or temperatures of 30°C and more ensure that the electrolyte never falls below the top of the battery plates. Top up with distilled water if required.

If the vehicle is to be taken out of use for periods of more than one month the battery should be disconnected

MAINS ELECTRIC HOOK UP

When connecting your Quartet to a camping site **MAINS ELECTRIC** hook-up option, either in the U.K. or elsewhere, you must make sure the connecting cable you use is to an approved design and standard. As there are a number of different site connections, depending upon which country you are in, you will require not only the main connecting cable (recommended 25 metres) but short approved adapter cables.

The polarity of the mains supply (particularly on the continent) can be opposite to the recognised British Standards. If this is the case, you should either temporarily swap the live and neutral wires over in the site connecting cable or, better still, have a polarity changeover switch fitted inside your unit. Incorrect polarity may damage some of your electrical equipment and will certainly render your **RCD** ineffective.

We strongly recommend that you seek specialist advice on your requirements, thus ensuring your safety.

A **Residual Current Device (RCD)**, sometimes called an Earth Leakage Trip, is to protect you from electric shock and earthing faults, immediately cutting off the power supply. After correction of the fault, the RCD (main switch) should be switched on again. If it won't stay on then you still have a fault. The RCD should itself be frequently tested by pushing the test button.

The Miniature Circuit Breakers (MCB) 5 amp and 10 amp act in a similar way as a fuse, cutting supply in the event of an **OVERLOAD** situation. After correction of the fault, they may be switched on again.

Mains electric power is taken from the **MAINS INLET** to the **CEC 225 MAINS INLET**, which incorporates the **RCD** and **MCB**.

Mains electric power is taken from the 10 amp **MCB** to the **13 AMP SWITCHED SOCKET** in the face of the near side bunk, providing mains power for your use.

It also supplies for your possible use a **12-VOLT POWER SOCKET**. With a mains hook-up you can therefore have both 12 volt and 220/240-volt power at the same time. You must ensure that only 12-volt appliances are used with this socket and that any 220/240-volt appliances are restricted to their own supply. In both cases you must remain below the amperage available for the circuit.

ZIG X7 TRANSFORMER

When the transformer is connected to the mains supply, it is capable of charging a battery up to 10 amps (depending upon the make you have) continuously and will automatically reduce its charging rate to zero as the battery condition improves. The unit will also provide enough power to enable equipment to be used at the same time as the battery is being charged.

12-volt power for the 3-way refrigerator is drawn direct from the vehicle battery through a 20 amp in line fuse and relay.

The ignitor wire for the fridge with electronic ignition is 1mm yellow cable "scotch locked" into the 1mm-green/mauve cable within the passenger dash locker.

For vehicles fitted with an optional 3-way refrigerator, preference should be given to running the appliance with 220/240 voltage whenever this is available.

The ZIG X7 provides 12-volt power to the Romahome circuit enabling you to run the built in water pump etc. It will not, however, supply 12-volt power to your refrigerator, which has a high amperage requirement.

In conclusion.....

When travelling, the changeover switch should be in the UP vehicle position.

When stationary, the changeover switch should be in the DOWN secondary position.

When connected to the mains supply, put changeover switch in the DOWN position AUX to charge the secondary battery.

When connected to a mains supply, put changeover switch in the UP position VEH to charge the VEH battery.

If you do not have a secondary battery, you may ignore that part of these instructions.

When the X7 power pack is connected to the mains supply, it is capable of supplying 13.5A of power to charge a battery and/or supply the 12V accessories. The output voltage is set at 13.8V and remains stable as the loads drawn from the accessories is altered. Therefore battery overcharging is eliminated as the output voltage cannot increase above this pre-set level.

Because the output is stable, battery charging time is reduced and on-board accessories can be safely powered direct from the unit without a battery in circuit.

The X7 has automatic safety features including over voltage protection (OVP) to prevent the battery being overcharged in the event of a fault, it is fully protected should the battery be accidentally the wrong way round. It also includes a current limit circuit, protecting against short circuit an/or faulty appliance. All these features are self re-setting when conditions are returned to normal.

Please refer to manufacturers instructions for further information.

An X7 isolation switch is fitted as an added safety feature. This should be in the OFF position before connecting up the mains power, as a precaution against power surges. Switch on both isolation switch and the fridge 240V switch after the mains power is connected.

TO OPERATE THE ZIG X7, connect the unit to a domestic mains supply via the Romahome mains input socket and **CEC 225 ON** the mains **ON/OFF** switch and then the 12-volt switch to the **ON** position. The X7 will now automatically adjust its output to the demand from the battery and/or equipment.

Power is drawn from the ZIG X7 panel as follows:-

The water pump and lights through a 5 amp fuse.

Heater (if fitted) through 5 amp in line fuse.

12-volt power socket through 10amp fuse.

REFRIGERATOR

Please follow the instructions laid out in the Electrolux guide with regard to operation and maintenance and appended to this manual for operation of the **REFRIGERATOR**.

The 12-volt power supply to the **REFRIGERATOR** is connected through the vehicle ignition and a manual switch is fitted in the dashboard of your vehicle.

To operate the refrigerator from the 12-volt power supply, switch on the dedicated switch. When the ignition is turned on and the engine is running the refrigerator will operate without discharging your battery. The refrigerator has no motor and so operation is silent. It must be level to operate and should be run for 3 hours before you use it.

You should try whenever possible, when stationary, to operate the refrigerator:-

1. On mains electric (if you have that option) to conserve gas.
2. Gas
3. 12 volt for short periods only (as this means running your vehicle engine).

The refrigerator is normally only operated on 12 volt whilst driving but this will not reduce the temperature to the same extent as when in the gas or 240 volt modes.

At least every year you should ensure that all refrigerator ventilators are clear of debris and dust. You may have to remove the refrigerator to accomplish this.

If you need to **REMOVE THE REFRIGERATOR**, the following procedure should be adopted:-

- 1 Turn off the gas at isolating tap.
- 2 Remove refrigerator by opening the fridge door and remove the 4 screw cap covers and undo the screws.
- 3 From the outside of the vehicle remove the fridge vent cover and push the fridge forward.
- 4 Ease the refrigerator from its position by tilting the top of the refrigerator forwards and pulling the bottom edge of the refrigerator out, thus clearing the exhaust vent

If removal is for maintenance purposes only there is **no need** to disconnect the power or gas supplies.

TO REPLACE THE REFRIGERATOR, slide it into the casing (in the reverse way that you removed it) making sure that the exhaust pipe engages in the aperture of the outside exhaust vent. Take care not to damage or trap electric wires or kink the gas supply pipe. Replace the retaining screws and replace the screw caps.

When using the optional 3 way 240 volt/12 volt/gas refrigerator you should note that the 240 volt power is drawn from the CEC 225 RCD/MCB mains unit through the 5 amp MCB. Due to the high amperage requirement it is not practical to run on 12 volt other than from the vehicles own battery when the engine is running.

HEATING SYSTEM

The NCC/SMMT Code of Practice requires that a motor caravan used in normal temperature conditions (i.e. above 0°C) shall have thermal insulation level or be equipped with heating appliances so that a mean internal temperature in the living area is maintained at not less than 20°C. For a small motor caravan the user shall be informed when normal insulation levels cannot be met!

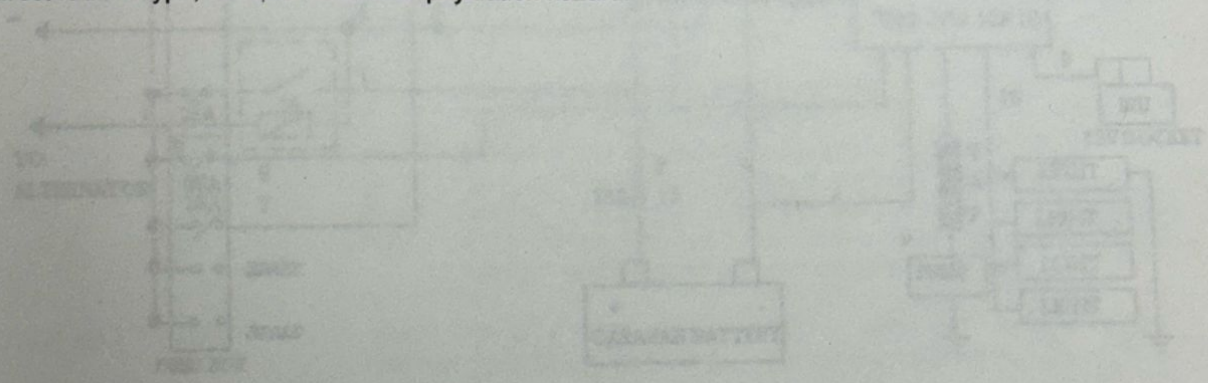
The Quartet is classified as a Medium sized motor caravan and is insulated for use in normal temperature conditions. You are advised however, that unless a heating system is fitted, the unit may not achieve the temperature differential levels stipulated.

Your motor home has been designed for comfortable use in average Spring to early autumn ambient temperatures. For owners intending to use their motor-home for prolonged periods in ambient temperatures below 10 C, in particular temperatures below 0C, it is recommended that an approved heating system is fitted. Any heater must be of the room sealed type, maximum output 1.6kw, and installed by a qualified fitter in accordance with the manufacturer's instructions and the requirements of ISO 83772.

EBERSPACHER D4WSC HEATING AND HOT WATER SYSTEM

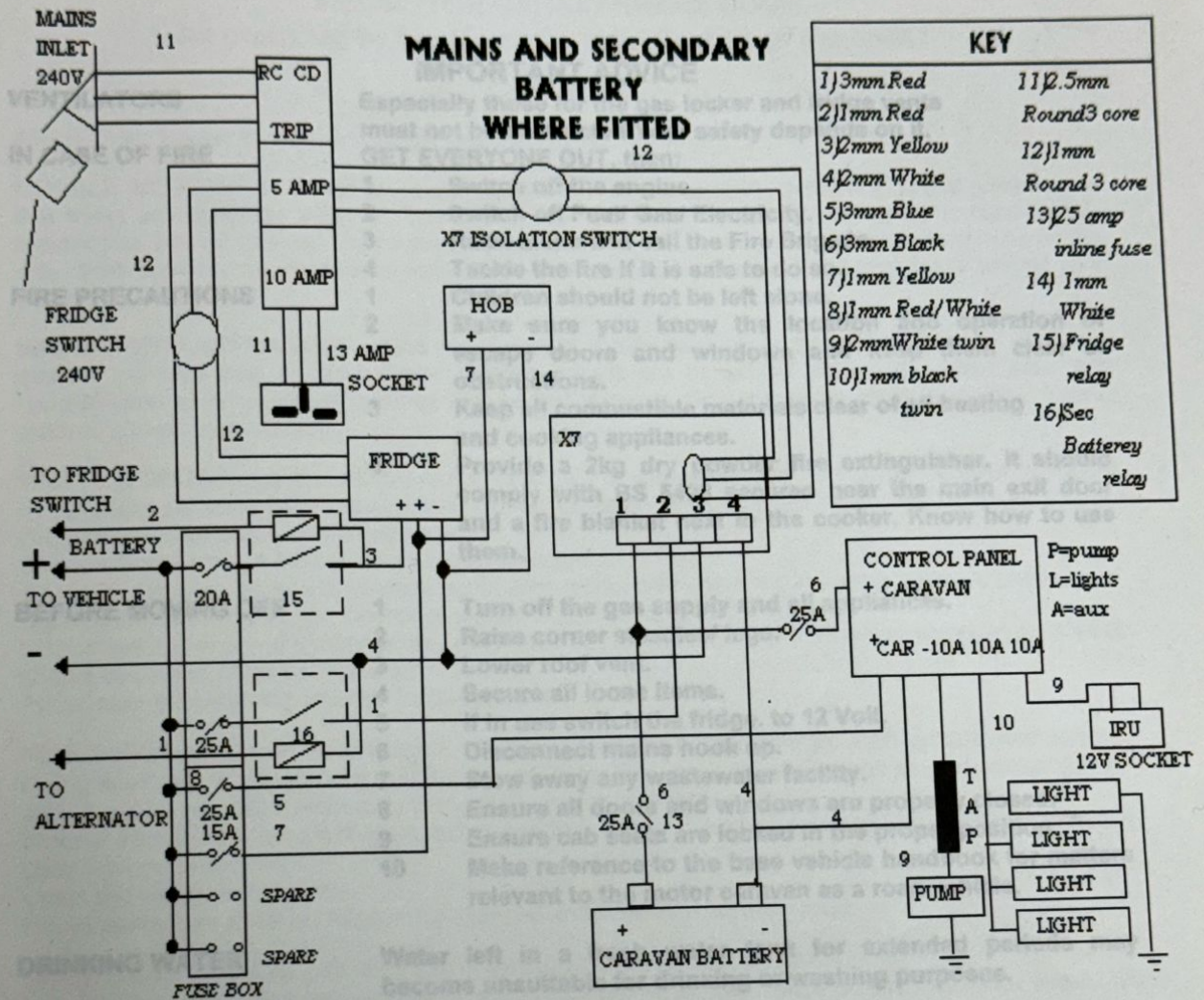
Please follow the instruction laid out in the manufacturer's guide with regard to the operation and maintenance and appended to this manual.

IMPOTRANT: Never use portable heating equipment, other than electric heaters that are not of the direct radiant type, to avoid a fire or asphyxiation hazard.



This diagram shows the main hook up and secondary heating

Island Plastics
Romahome Quartet



This diagram shows the mains hook up and secondary battery

Must be inspected regularly for deterioration and renew, as necessary, with the approved type, in any case no later than any expiration date marked on the hose.

Butane Gas at 25psi or Propane Gas at 27psi. (see appliance instructions)

SWITCH OFF all appliances and lamps before disconnecting the battery. Never allow modification of ELECTRICAL or LPG Systems and appliances except by qualified tradesmen.

These items are only fitted at the customer's request, they are not intended for use as occupant seat belts. Island Plastics can take no responsibility whatsoever for injuries that may be incurred in the event of an accident.

Many Car parts have Height restrictive bars across the entrance your Romahome may not pass under some of these bars see page 4 for specifications.

THE MOTOR CARAVANNERS CODE

As prepared by the Motor Caravan Section of the BMMT

IMPORTANT ADVICE

VENTILATORS

Especially those for the gas locker and fridge vents must not be obstructed Your safety depends on it.

IN CASE OF FIRE

GET EVERYONE OUT, then:

- 1 Switch off the engine.
- 2 Switch off Fuel/ Gas/ Electricity.
- 3 Raise alarm and call the Fire Brigade.
- 4 Tackle the fire if it is safe to do so.

FIRE PRECAUTIONS

- 1 Children should not be left alone.
- 2 Make sure you know the location and operation of escape doors and windows and keep them clear of obstructions.
- 3 Keep all combustible materials clear of all heating and cooking appliances.
- 4 Provide a 2kg dry powder fire extinguisher. It should comply with BS 5423 secured near the main exit door and a fire blanket next to the cooker. Know how to use them.

BEFORE MOVING OFF

- 1 Turn off the gas supply and all appliances.
- 2 Raise corner steadies/ legs.
- 3 Lower roof vent.
- 4 Secure all loose items.
- 5 If in use switch the fridge. to 12 Volt.
- 6 Disconnect mains hook up.
- 7 Stow away any wastewater facility.
- 8 Ensure all doors and windows are properly closed.
- 9 Ensure cab seats are locked in the proper position.
- 10 Make reference to the base vehicle handbook for matters relevant to the motor caravan as a road vehicle.

DRINKING WATER

Water left in a fresh water tank for extended periods may become unsuitable for drinking or washing purposes.

GAS HOSES

Must be inspected regularly for deterioration and renew, as necessary, with the approved type, in any case no later than any expiration date marked on the hose.

GAS CYLINDERS

Should be stored in an upright position. Use only Butane Gas at 28MB or Propane Gas at 37MB. (see appliance Instructions)

IMPORTANT

SWITCH OFF all appliances and lamps before disconnecting the battery. Never allow modification of ELECTRICAL or LPG. Systems and appliances except by qualified tradesmen.

INTERIOR LUGGAGE RESTRAINING BELTS.

These items are only fitted at the customer's request, they are not intended for use as occupant seat belts. Island plastics can take no responsibility whatsoever for injuries That may be incurred in the event of an accident.

HEIGHT RESTRICTIONS

Many Car parks have Height restrictive bars across the entrance your Romahome may not pass under some of these bars see page 4 for specifications.

THE MOTOR CARAVANNERS CODE

As prepared by the Motor Caravan Section of the SMMT

CAMP SITES

ARRIVALS: Report to reception immediately on arrival.

VEHICLE MOVEMENT: Keep to roadways unless otherwise stated. Adhere to speed limits. Note that these are generally 10MPH. Remember that the stopping distance on grass is considerably greater than that on tarmac. Only a person in possession of a current driving licence may drive on the site. Park correctly as advised on your pitch. Where possible leave 20ft of free space around your vehicle.

USE OF SITE APPLIANCES: Use the electrical mains hook-up in the correct manner and with caution. Ensure that all fresh water tap/connections are turned off after use. Have care and consideration when using all facilities (toilets and showers etc.) and leave clean and tidy. Young children should be escorted.

WASTE DISPOSAL: If the vehicle is not fitted with a wastewater tank, a suitable receptacle should be put below all wastewater outlet pipes. Do not let these containers overflow. Dispose all waste water where instructed. Empty effluent from chemical toilet where instructed. To avoid possible damage to sewage purification works only approved chemical fluids be used. In no circumstances may coal, tar, phenol or caustic soda based fluids be used. Disposable napkins and similar bulky items must not be put into chemical closet emptying points but should be placed in the container provided. Put all litter in containers marked for this purpose.

NOISE: Do not make excessive noise. Children should be restrained from making excessive noise. Flying kites and model aircraft and the use of items like catapults or air guns as well as ball games should not be permitted among, or close to the motor caravans. Musical instruments, record players, radios and televisions should not be used to the inconvenience of other people on the site. Open and close doors quietly. Power generators must be adequately silenced and used with consideration.

DOGS & OTHER PETS: All dogs and other pets should be kept under control. Unless permission has been granted no animal should be allowed loose on site and leads should not exceed 10ft. No animals should be allowed in the shower/toilet blocks. Do not let dogs foul the site.

FIRE PRECAUTIONS: Adhere to, and take note of all fire precautions noting the whereabouts of the fire points. Although not compulsory, it is recommended that 1 x 2kg dry powder fire extinguisher is carried. It should comply with BS5423 and be marked BSI or FOC approved. It is important to check at regular intervals that the extinguisher is working as is required of types of meeting BS5423. Careful thought is necessary for the positioning of the fire extinguishers, which should be near the door but not too close to the cooking equipment where sudden flames could make it unreachable. In the kitchen area a fire blanket is a worthwhile precaution. Unless permission has been given, consideration should be given to the annoyance that can be caused by other users of the site. Open fires are not allowed.

AWNING AND TENTS: Awnings and tents should only be used when permission has been obtained. When on grass and staying for more than a few days the ground sheet and/or other side flaps of awnings should be periodically raised in order to avoid damage to the ground.

DEPARTURE: Leave the pitch clean and tidy. On leaving check out with the reception on paying the required dues.

Warranty and Instructions for Equipment (where fitted)

WILD CAMPING: camping away from licensed sites, without the permission of the landowner or his agents, is not allowed in the United Kingdom.

When permission has been granted all aspects of this code should be adhered to.

On no account should:

- a) Litter be disposed of other than in the receptacles provided.
- b) Water not to be allowed to escape from the vehicle. Chemical toilets be emptied, only into the disposal places agreed with the owner. Washing or similar be hung outside the vehicle.

PARKING: Motor caravans should only be parked in approved places. When using the facilities of a motor caravan care and consideration should be given to those around you.

DRIVING: When using a motor caravan on either the public highway or private roads the Highway Code should be complied with and full consideration given to other road users.

In the event of a motor caravan travelling slowly and there being a queue of traffic behind, the driver of the motor caravan should, where possible, pull over in order to let the other traffic pass.

When the vehicle is in motion it is compulsory that all passengers are seated and the seat restraint straps worn.

Before moving off elevating skylights should be lowered and correctly secured, and top hinged windows closed. Likewise all doors and access lockers and gas containers and chemical toilets must be properly closed.

When the vehicle is being refuelled or on a ferry, all gas systems must be turned off.
Gas appliances should not be used when the vehicle is in motion.

HANDBOOK: Before using a motor caravan all aspects of the handbooks produced by the chassis manufacturer and converter must be read and adhered to.

ENVIRONMENT: Care and consideration should be taken to protect the environment. Observe the Country and Coastal Codes shown in this leaflet.

THE COUNTRY CODE: Enjoy the countryside but respect its life and work. More people than ever before are exploring the countryside, interested in farming, plant life, bird watching or just observing the general wildlife. Whatever your interest, there is a lot to learn, but please observe the following code:-

1. Guard against all risk of fire. Hay and heath land catch alight easily and once ablaze are very hard to put out. **REMEMBER - FIRE SPREADS QUICKLY.**
2. Keep to the public paths across farmland.
3. Use gates and stiles to cross hedges and walls.
4. Leave livestock, crops and machinery alone. View from a distance.
5. Take your litter home - it is unsightly and harmful to wildlife.
6. Help keep all water clean.
7. Take special care on country roads.
8. Make no unnecessary noise. Most animals are very timid, noises can disturb them unnecessarily. If you want to get the best of the country go quietly.

THE COASTAL CODE: As our coastlines are increasingly used for recreation and education the following suggestions are made to enable us to enjoy our inheritance and preserve it for prosperity. Do not trample about, move rocks unnecessarily. Do not frighten birds or seals. Do not spill detergents, solvents or fuel from boats as these can kill marine life. When sailing moderate your speed - the wash from a fast boat can destroy banks and nests. Live molluscs and crustaceans need not be collected as souvenirs - dead shells can usually be found. Shellfish can take years to grow and fines can be imposed for not observing national regulations. Do not pull up seaweed unnecessarily. Make your visit instructive - not destructive. Look at material don't, remove it. Take notes and photograph, not specimens. Observe bye-laws, and be considerate to others. National Trust Property or Country Parks have regulations to protect wildlife. Follow these and the Country and Coastal Codes.

Warranty and Instructions for Equipment (where fitted)

Smev Cooker

Electrolux Refrigerator

Chemical Toilet

Eberspacher Air and Water Heater

Shur Flo Water Pump

CEC225 Mains Electric Unit

Zig X7 Transformer/Charging Unit

Roma Club Details

1 View showing locking water filter cap

2 View showing Gas locker & Cassel Toilet fl

240 volt connector (close cover once connected)

4 view showing 12v & 240v sockets

View showing Secondary Battery, Zig Transformer and Isolation Switch

6 View showing control panels

7 View showing 240 v ELCB Switch (Earth Leakage Circuit Breaker)

8 View showing storage for folding table



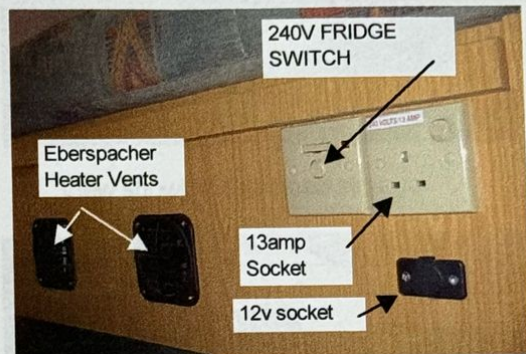
1 View showing locking water filler cap



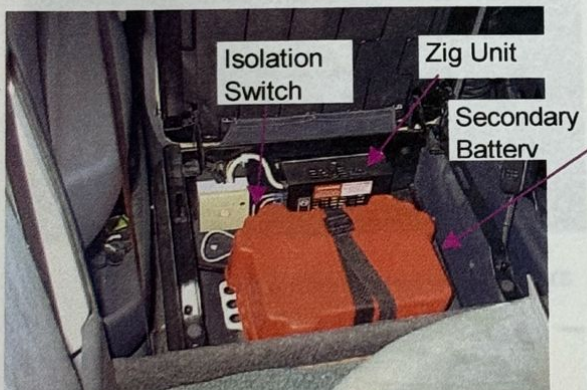
2 View showing Gas locker & Casset Toilet lock



240 volt connector (close cover once connected)



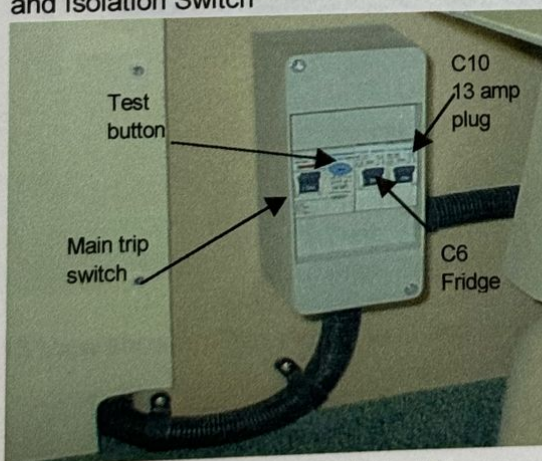
4 view showing 12v & 240v sockets



View showing Secondary Battery, Zig Transformer and Isolation Switch



6 View showing control panels



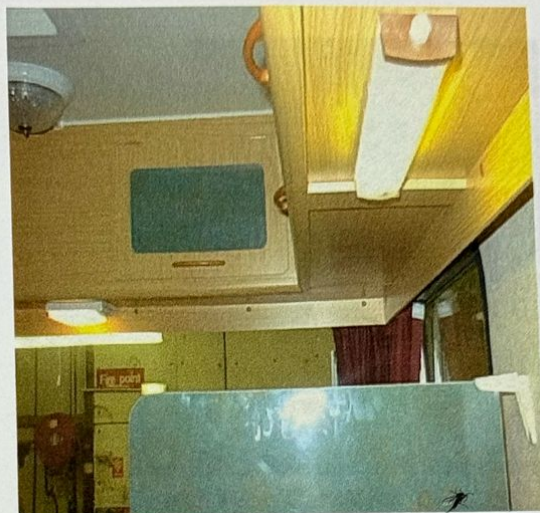
7 View showing 240 v ELCB Switch (Earth Leakage Circuit Breaker)



8 View showing stowage for folding table



9 View showing exterior/interior bulkhead light



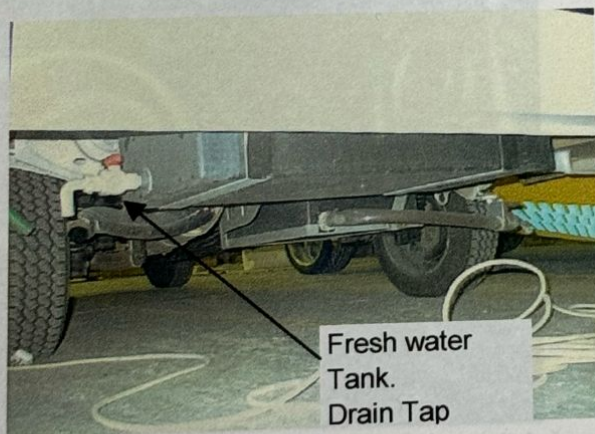
10 View showing overhead storage



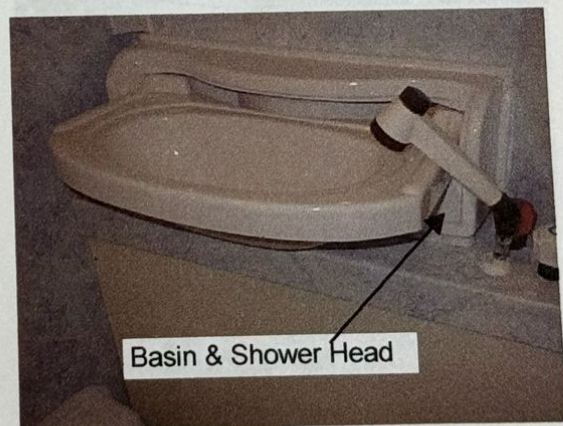
11 View showing near-side lockers



12 Waste Tank



13 View showing Fresh water tank and Drain Tap



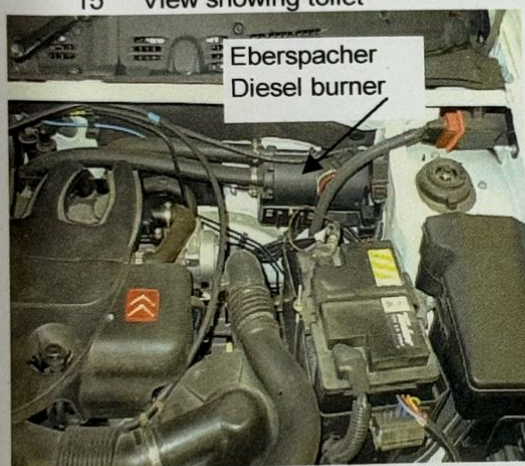
14 View showing stow away wash basin



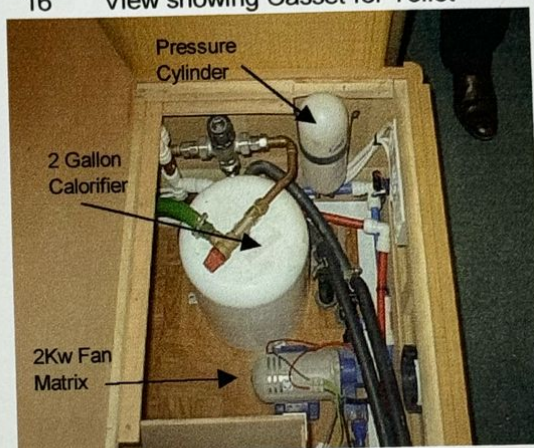
15 View showing toilet



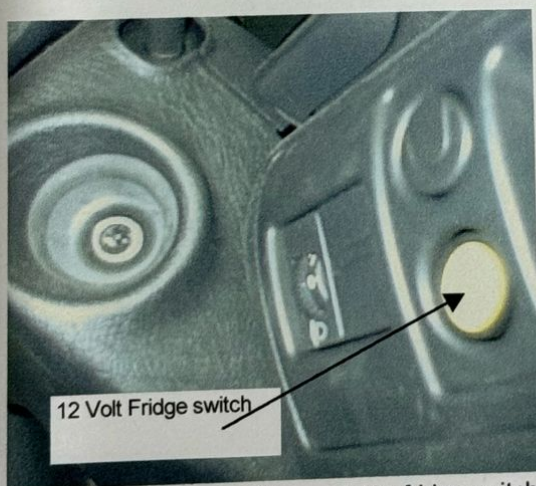
16 View showing Casset for Toilet



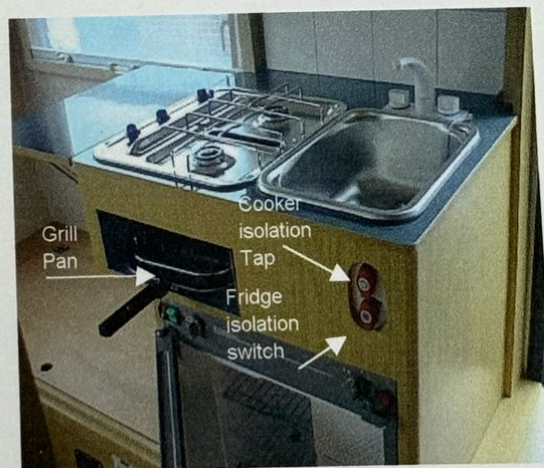
17 Under bonnet view of Eberspacher unit



18 View showing Heating system



19 View showing ignition and 12v fridge switch



20 showing isolation taps for cooker & fridge