



**SWIFT**

# **SWIFT GROUP OWNER'S HANDBOOK**

MONZA CAMPERVAN



Issued April 2022

Part No. 1439878

**Dear owner**

Thank you for deciding to buy one of our new campervans.

We are sure you will enjoy many happy hours in it and we hope the information and hints in this handbook will heighten your enjoyment.

The information contained in this handbook is provided for your safety and enjoyment whilst using the product. It is recommended that you read this handbook right through before taking to the road and staying in it for the first time.

You will find information, tips and important warnings regarding the use of your caravan.

Whilst all the content is important there are specific items, prefixed with a warning, caution or note, which are drawn to your attention for your safety and comfort.

 **WARNINGS** are instructions that if ignored can cause the user(s) physical harm.

 **CAUTIONS** are instructions that if ignored can result in damage to the campervan.

 **NOTES** are reminders that should be heeded.

The information contained will answer most of your queries, but if there are any aspects which are not covered please consult your appointed dealer. We would suggest you make a note of your dealers name and contact information below.

**Important - please quote the base VIN (vehicle identification number) in all correspondence with your dealer or Swift Group Limited (Swift), this can be found on the lower corner of the front windscreen or on the Ford plate positioned on the nearside cab door pillar.**

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

Dealers are not agents of Swift Group Limited and have absolutely no authority to bind Swift Group Limited by any express or implied undertaking or representation.

Online Handbooks

Throughout the season, specifications and equipment details contained within this handbook may change.

Please refer to our online handbooks ([www.swiftgroup.co.uk](http://www.swiftgroup.co.uk)) for the most up-to-date version of your handbook.

The technical data detailing the weights and dimensions of your vehicle can be found at the end of this handbook

Happy camping!

**Dealer Name:**

.....

**Telephone Number:**

.....

**E-mail:**

.....

**VIN:**

.....

**Sales Tel:**

.....

**Service Centre Tel:**

.....

**Parts Tel:**

.....

**First Service Due:**

.....



# Contents

1. Warranty .....	5
2. Campervan code .....	13
3. Preparing for the road .....	17
4. En-route .....	27
5. Safety and security .....	29
6. Arrival at site .....	33
7. Connecting services .....	35
8. Electrical Systems .....	55
9. Fitted equipment .....	63
10. Campervan Care .....	77
11. Technical information .....	85
12. Useful information .....	95



# 1. Warranty

1.1 Campervan Conversion Warranty .....	6
1.2 Swift Connect Direct .....	8
1.3 Supplier contacts .....	9
1.4 Annual service / inspection record .....	10

## 1.1 Campervan Conversion Warranty

All the illustrations and descriptive matter in this handbook are intended to give a general idea of the campervan. Changing market and supply situations and our policy of continuous product development may prevent us from maintaining the exact specifications detailed in this handbook. We therefore reserve the right to alter specifications as materials and conditions demand.

**Dealers are not agents of Swift Group Limited ("Swift") and have absolutely no authority to bind the manufacturer by any express or implied undertaking or representation.**

**Note: To register your warranty, please use the Connect Direct Registration process, by doing so you are agreeing that you have had the details of the warranty and the annual service arrangements fully explained. This in no way affects your statutory rights under the Consumer Rights Act.**

**Your campervan has three warranties:**

### **Base Vehicle Warranty – provided by Ford**

Your vehicle is a Campervan conversion campervan which utilises a Ford base vehicle. For a Campervan conversion, Swift takes a Campervan as supplied by Ford and fits out the interior of the van for habitation. Ford provides a manufacturer's warranty for the base vehicle as supplied to Swift by them. For any issues with the base vehicle warranty please contact your local Ford dealer. This Campervan Warranty does not cover any parts of your campervan that are covered by the Ford manufacturer's warranty. Your base vehicle warranty is subject to the terms and conditions contained in the Ford handbook supplied with the base vehicle and the vehicle must be serviced in accordance with Ford requirements.

### **SuperSure Warranty – provided by Swift**

For all parts or fittings of your Campervan conversion other than the Ford base vehicle, Swift will repair (or at its option, replace) any defective parts or fittings for 3 years from the date of purchase (or hire purchase) subject to conditions, terms and exclusions below.

### **Campervan Conversion Body Shell Warranty – provided by Swift**

Swift will repair (or at its option, replace) any defects with the Campervan conversion to the body shell for 3 years from the date of purchase (or hire purchase), subject to the conditions,

terms and exclusions below.

This Warranty does not cover any parts of your campervan that are covered by the Ford manufacturer's warranty.

### **Conditions for the SuperSure and Body Shell Warranties**

1. You must ensure that the habitation part of your campervan has an Annual Service (see clause 2 below) within 90 days before or 60 days after each anniversary of the original date of purchase. In order to preserve your SuperSure and Body Shell Warranties the third Annual Service must, however, be carried out before the expiry of the 36 month period from the original date of purchase. If you have not performed an Annual Service then Swift will not be obliged to perform any work under the applicable warranty. Original VAT invoices must be retained as proof that Annual Service have been carried out.
2. The Annual Service on the body shell and habitation area must be carried out in accordance with the requirements in this handbook. You will be responsible for any charges made for an Annual Service. If the Annual Service is performed by an authorised Swift Group Campervan Dealer then Swift warrants that the Annual Service has been performed correctly. If the Annual Service is performed by an unauthorised repairer or service centre then if the Annual Service has not been performed in accordance with the requirements in this handbook and/or work has been performed on your campervan that is defective or faulty, then Swift will not be obliged to perform any work under this Warranty (in so far as it relates to defective or faulty work or defective Annual Service)
3. All new campervans must be registered with Swift within 6 weeks of purchase as new.
4. The benefit of the SuperSure and Body Shell Warranties may be transferred to a new owner if the campervan is re-sold, provided that the campervan has been serviced in accordance with the requirements of this handbook, and details of the change of ownership have been supplied to Swift using the change of ownership form set out in this handbook as soon as reasonably practicable after the change.

5. If any repairs are identified as being necessary to the body shell or habitation areas during an Annual Service or otherwise, Swift will only pay for Warranty work performed by an authorised Swift Group Campervan Dealer. The campervan must be made available to an authorised Swift Group Campervan Dealer within 6 weeks of the date the repair need was identified for the work to be carried out. The cost of transporting, towing or moving the campervan by any means to or from the place of repair is the responsibility of the owner.
6. The SuperSure and Body Shell Warranties only apply to campervans purchased and used primarily within the UK. Please refer to the Ford handbook for use of the base vehicle outside the UK.

### Terms

7. The Body Shell Warranty covers any defect with the joints and seals of the Campervan conversion. This includes body leaks, delamination of floors, and water ingress through any permanently sealed seam joints which relate to the conversion of the Campervan. This Campervan Warranty does not cover any parts of your campervan that are covered by the Ford manufacturer's warranty.
8. In the first 12 months the SuperSure Warranty will cover any defect other than those specified in the Exclusions below.
9. In the years 2 and 3 the SuperSure Warranty will only cover any defect with the following components:

- **Electrical System:** Battery charger, Campervan control system and interior lighting units.
- **Water system:** Fresh water tank, water pump, water gauges, taps and shower head.
- **Cooker:** the cooker unit including grill, oven, burners, igniter, and flame failure device (if provided).
- **Refrigerator:** gas igniter, flame failure device, door seal condenser, gas control valve, 12v and 230v heater elements, gas thermostat, 230v thermostat and 230v temperature control switch.
- **Cassette Toilet:** the cassette toilet (excluding seals, valves and glands).
- **Heating system:** thermostat, motor, switches, control unit, gas heater, flame failure device and igniter (excluding ducting and fittings).
- **Upholstery:** zips, seams and colour fastness.

In years 2 and 3, any defect specified in the Exclusions will not be covered.

### Exclusions

10. Swift shall not be liable under the SuperSure and Body Shell Warranties for any defect related to or arising from the following:
  1. The failure of a component for reasons of fair wear and tear;
  2. Damage resulting from freezing, fire, over-heating or accidents (whether caused by the user or a third party);
  3. Misuse of any component;
  4. Normal deterioration, corrosion, intrusion of foreign or harmful bodies, lack of servicing or negligence of any person other than Swift which causes stoppage of or impairment to the function of any component of the campervan;
  5. Replacement of parts which have reached the end of their effective working life because of age and/or usage;
  6. Cleaning or adjustment of any assemblies;
  7. Damage caused by any abrasive cleaners
  8. Cosmetic finishes to kitchen sinks, cooker tops, and/or routine maintenance items which are part of the annual service including lubricants, rubber gas hose, the cleaning of the heater and fridge flues, the replacement of gas jets, and the adjustment and lubrication of locks.

9. Should you have an enquiry or require assistance with a problem, we hope that this guide will be of assistance to you.
10. In addition to the exclusions above, in years 2 and 3 of the SuperSure Warranty Period, Swift Group Limited shall not be liable under this Warranty for any defects related to:
  - Factory fitted leisure battery after 12 months of date of purchase
11. Swift shall also not be liable under the SuperSure, and Body Shell Warranties if the campervan has been neglected, misused, modified or used for hire or reward or if the identification marks (chassis/VIN numbers) have been removed or defaced. The campervan will be deemed to have been neglected if it has not been serviced and maintained as stated in this handbook or any repairs being identified as necessary at an Annual Service or by a Swift Group Service Centre have not been carried out in a reasonable time.

**You have legal rights under UK law governing the sale of consumer goods. This Warranty does not affect your legal rights.**

The name and address of the Warranty provider is:

Swift Group Limited, Dunswell Road,  
Cottingham, East Yorkshire, HU16 4JX

To make a claim under this Warranty, contact the Swift Group Dealer which supplied your campervan. Alternatively, details of your nearest authorised Swift Group Campervan Dealer can be obtained by contacting the Swift Group Customer Service Department on 01482 875740, or enquiring on the website [www.swiftgroup.co.uk](http://www.swiftgroup.co.uk)

## Change of Ownership

You can transfer the remainder of any three year 'Supersure warranty' and the three year 'Body shell' warranty, details of how to do this can be found at the rear of this handbook.

## 1.2 Swift Connect Direct

You have access to an online system which is for all Swift models. A password will be issued to you, to enable you to interact with us.

To access the system, called 'Swift Connect Direct', your initial log in details will be emailed to you once your supplying dealer has registered your ownership with us.

Please log in and create your own profile. Should you have issues with accessing Swift Connect Direct, please contact our Customer Services Team.

### What to do if you Require Assistance

Should you have an enquiry or require assistance with a problem, we hope that this guide will be of assistance to you.

#### Please follow these steps:

1. Check the Owners Handbook, paying particular attention to the fault finding advice at the back of the book.
2. Contact your supplying dealer for assistance.

#### If you need to contact Swift Group Limited, please be aware of the following:

1. When contacting Swift Group, please quote your name, postcode and VIN (Vehicle Identification Number). This can be found at the bottom of the front windscreen and on the left hand side front door pillar.
2. In most instances, the Customer Service Team will involve your dealer in resolving the issue you are experiencing.
3. Check our website [www.swiftgroup.co.uk](http://www.swiftgroup.co.uk) and enter the help and advice section which provides answers to frequently asked questions and how to contact us.
4. If you are contacting the company by email, letter or fax, the Customer Service Team will respond to you within five working days from the date of receiving the correspondence.
5. Please be aware that Swift Group Limited cannot send parts direct from the factory. In all cases, without exception, your dealer must place the order for you.

### 1.3 Supplier contacts

A number of Swift Group suppliers manage their own Technical and Warranty related queries. Where a customer has a question relating to a product manufactured by a company listed below, we would advise that the first contact should be directly with them.



Sargent Electrical Services  
Unit 39, Tokenspire Business  
Park, Beverley, East  
Yorkshire, HU17 0TB  
Phone: 01482 678981  
Fax: 01482 678987  
E-mail: support@sargentltd.  
co.uk

<https://sargentltd.co.uk>



Thetford Ltd.  
Unit 6, Brookfields Way,  
Manvers,  
Dearne Valley, Rotherham,  
South Yorkshire, S63 5DL  
Phone - 0844 997 1960  
Fax - 0844 997 1961  
Email - info@thetford.eu

<https://www.thetford-europe.com>



Dometic (UK) Ltd  
Dometic House, The  
Brewery,  
Blandford St Mary, Dorset,  
DT11 9LS  
Phone: 0844 626 0133  
Email: technical@dometic.  
co.uk

<https://www.dometic.com/en-gb/uk>



Eberspächer (UK) Ltd.  
Climate House  
Yeoman Road  
Ringwood, Hampshire BH24  
3FA

<https://www.eberspaecher-climate.com/>



## 1.4 Annual service / inspection record

In order to comply with the warranty, you must have your campervan inspected and serviced in accordance with the warranty.

We highly recommend that you have your Campervan serviced by a Swift Group Approved Campervan Dealer who have direct access to our online Customer Service system, Connect. This system provides them with the ability to order approved parts and ensure that any product upgrades which may be available for your Campervan can be offered to you and carried out as part of the service. In the unfortunate event that an issue requires attention under warranty then a Swift Group Approved Campervan Dealer are able to submit a warranty claim to the Swift Group for processing, and deal with the issue for you from start to finish. All of our Swift Group Approved Campervan Dealers are provided with up to date technical information and have access to current repair methods giving you peace of mind that any defect has been repaired effectively.

It is important that the owner's handbook is stamped on the appropriate page by the authorised Swift Group Campervan Dealer.

Failure to do this will invalidate the warranty and the transfer of the warranty on the change of ownership.

The inspection should take approximately two hours and will cover the areas dealt with in the annual service check list. Any areas requiring service and/or maintenance will be highlighted by your dealer and we recommend that you authorise any necessary work to be carried out.

Just as the engine/gearbox/roadwheels need regular servicing by your chassis dealer, so there are components in your conversion that need regular maintenance by your campervan dealer.

These include the gas and electrical systems and the seals in the bodywork. Your dealer will complete the record in this handbook to show that the work has been carried out.

1. Damp test.
2. Chassis and chassis to body security.
3. Campervan step.
4. Road lights, wiring and reflectors.
5. Internal lights and 12V DC system.
6. Hob.
7. Refrigerator 230V AC and 12V DC
8. Gas system.
9. Water pump, taps and water system.
10. Mains 230V AC system.
11. Elevating roof.
12. Furniture hinges/stays etc.
13. Exterior locks and hinges.
14. Rear travelling seat / Folding Bed.
15. All internal vents.
16. Seals.
17. Diesel heating system.
18. Smoke alarm and battery.
19. Carbon monoxide detector and battery.

**Annual service/inspection record**

<p><b>Campervan model:</b></p> <p>Registration number</p> <p>Chassis number</p> <p>Registration date</p>	<p><b>1st service</b></p> <p>Date:</p> <p>Dealer's Stamp</p> <p>We certify that an annual service has been carried out in accordance with the handbook.</p>
<p><b>2nd service</b></p> <p>Date:</p> <p>Dealer's Stamp</p> <p>We certify that an annual service has been carried out in accordance with the handbook.</p>	<p><b>3rd service</b></p> <p>Date:</p> <p>Dealer's Stamp</p> <p>We certify that an annual service has been carried out in accordance with the handbook.</p>
<p><b>4th service</b></p> <p>Date:</p> <p>Dealer's Stamp</p> <p>We certify that an annual service has been carried out in accordance with the handbook.</p>	<p><b>5th service</b></p> <p>Date:</p> <p>Dealer's Stamp</p> <p>We certify that an annual service has been carried out in accordance with the handbook.</p>
<p><b>6th service</b></p> <p>Date:</p> <p>Dealer's Stamp</p> <p>We certify that an annual service has been carried out in accordance with the handbook.</p>	<p><b>7th service</b></p> <p>Date:</p> <p>Dealer's Stamp</p> <p>We certify that an annual service has been carried out in accordance with the handbook.</p>

<p><b>8th service</b> Date: Dealer's Stamp</p> <p>We certify that an annual service has been carried out in accordance with the handbook.</p>	<p><b>9th service</b> Date: Dealer's Stamp</p> <p>We certify that an annual service has been carried out in accordance with the handbook.</p>
<p><b>10th service</b> Date: Dealer's Stamp</p> <p>We certify that an annual service has been carried out in accordance with the handbook.</p>	<p><b>11th service</b> Date: Dealer's Stamp</p> <p>We certify that an annual service has been carried out in accordance with the handbook.</p>
<p><b>12th service</b> Date: Dealer's Stamp</p> <p>We certify that an annual service has been carried out in accordance with the handbook.</p>	<p><b>13th service</b> Date: Dealer's Stamp</p> <p>We certify that an annual service has been carried out in accordance with the handbook.</p>

## 2. Campervan code

2.1 Camp Site Code of Conduct .....	14
2.2 Wild camping .....	15
2.3 Handbooks (Chassis & Converter) .....	15
2.4 The Country code .....	16
2.5 The coastal code .....	16

## 2.1 Camp Site Code of Conduct

### Arrivals

Report to reception immediately on arrival.

### Vehicle Movement

Keep to roadways unless otherwise directed. Adhere to speed limits. Note that these are generally 10 mph (Remember that the stopping distance on grass is considerably greater than 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 20 feet 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 taps/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 supervised.

### Waste Disposal

If the vehicle is not fitted with a waste water tank, a suitable receptacle should be placed below all waste water outlet pipes. Do not let these containers overflow. Dispose of all waste water where instructed. Empty effluent from chemical toilets where instructed.

To avoid possible damage to sewage purification works, only approved chemical fluids must be used. Under no circumstances should coal tar, phenol or caustic-based fluids be used.

Disposable nappies and similar bulky items must not be put into chemical closet emptying points but should be wrapped in a polythene bag and placed in the container provided.

Place all litter in containers marked for the purpose.

### Noise

Do not make excessive noise. Children should be restrained from making excessive noise.

Flying kites, drones 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 other vehicles.

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 and other Pets

All dogs and other pets should be kept under control. Unless permission has been granted, no animal should be allowed loose on the site and leads must 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 fire precautions noting the whereabouts of the fire points.

**⚠ WARNING:** Provide one dry powder fire extinguisher of an approved type or complying with EN3-7 or ISO 7165, of at least 1kg capacity, by the main exterior door and a fire blanket next to the cooker. Familiarise yourself with the operating instructions on your fire extinguisher and the local fire precaution arrangements.

When using a dry powder extinguisher it is suggested that the campervan be evacuated until the powder has settled, to avoid inhalation.

Unless permission has been granted, barbecues should not be used. If permission is given, consideration should be given to the annoyance that can be caused to other users of the site.

Open fires are not allowed.

### Awnings 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 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 reception paying the required fees.

**2.2 Wild camping**

Camping away from licensed sites, without the permission from the land owner 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 be allowed to escape from the vehicle.
- c. Chemical toilets be emptied except into the disposal places agreed with the land owner.
- d. Washing or similar be hung outside the vehicle.

**Parking**

Campervans should only be parked in approved places.

When using the facilities of a campervan, care and consideration should be given to those around them.

**Driving**

Before moving off, the elevated roof should be lowered and correctly secured. Likewise all doors and access lockers for gas containers and chemical toilets must be properly secured.

Exterior steps should be properly retracted and secured. When the vehicle is in motion it is compulsory for all front seat passengers and rear seat passengers to wear seat belts, where fitted. When using a campervan 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 campervan travelling slowly the driver of the campervan should, where possible, pull over in order to let other traffic pass.

**⚠ WARNING:** When travelling, refuelling or on a ferry ensure the gas system is fully isolated at source.

**2.3 Handbooks (Chassis & Converter)**

Before using a campervan all aspects of the handbooks, produced by the chassis manufacturer and the converter, must be read and adhered to.

The separate chassis manufacturer handbook refers to your campervan chassis and base vehicle including care and maintenance.

[https://www.fordservicecontent.com/Ford\\_Content/Catalog/owner\\_information/CG3900en-202102-20210224095707.pdf](https://www.fordservicecontent.com/Ford_Content/Catalog/owner_information/CG3900en-202102-20210224095707.pdf)



## Environment

Care and consideration should be taken to protect the environment. Observe the Country and Coastal Codes.

### 2.4 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 fires. Hay and heathland catch alight easily and once ablaze are very difficult to put out.
- Remember: fire spreads quickly.**
2. Fasten all gates.
  3. Keep your dog under proper control.
  4. Keep to the paths across farm land.
  5. Avoid damaging fences, hedges and walls.
  6. Leave no litter.
  7. Safeguard water supplies.
  8. Protect wildlife, wild plants and trees.
  9. Go carefully on country roads.
  10. Respect the life of the countryside. The Coastal code

### 2.5 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 posterity.**

**Do not** trample about, or move rocks unnecessarily.

**Do not** frighten seals or seabirds.

**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 seaweeds unnecessarily. Make your visit instructive - not destructive.

Look at material - don't remove it. Take notes and photographs, not specimens.

Observe by-laws and be considerate to others.

National Trust property and Country Parks have regulations to protect the wildlife. Follow these and the Country and Coastal Codes.

### 3. Preparing for the road

3.1 Before moving off .....	18
3.2 Campervan terms .....	18
3.3 Loading of vehicle .....	19
3.4 Large storage areas .....	20
3.5 Tyres .....	20
3.6 Dedicated travelling passenger seating .....	20
3.7 Child seats .....	21
3.8 Airbag .....	23
3.9 Three point seat belts .....	23
3.10 Driving licence .....	24
3.11 Advice on towing .....	24
3.12 European Touring .....	25

### 3.1 Before moving off

**Check:**

- Road worthiness of your vehicle (oil level, tyre pressure, road lighting)
- Gas cylinders are correctly positioned, secured and turned off.
- All gas operated appliances have been isolated except en route heating where fitted and in use.
- Loose articles are stowed securely. Do not stow tins, bottles or heavy items in overhead lockers.
- All lockers and cupboard doors are closed and secured.
- Tables are stored or locked in their transit position.
- Fridge is on 12V and door lock is set.
- 230V mains input socket and BBQ point flap is securely closed.
- All drain valves are closed.
- Tyre pressures within the recommended limits.
- Exterior roof rack ladder / bike rack is secured (where fitted).
- All windows/doors are closed and secured.
- Exterior step (where fitted) is retracted / folded in.
- The elevating roof is fully down with catches and retainers secure.
- Travelling seat is locked in a transit position.
- The campervan rear and side sliding doors should also be locked.

**⚠ WARNING:** Large and/or voluminous items should be stored securely before travelling. We recommend that any such items are stowed behind rear bench seat.

### 3.2 Campervan terms

**Mass in Running Order:**

The mass of the campervan equipped to the campervan manufacturers standard specification, as stated by the manufacturer.

The MRO comprises the ex-works weight of the campervan, including the driver, 90% fuel capacity, 1 x LPG gas cylinder @10kg and standard fixtures & fittings in compliance with European Regulation No. 1230/2012 (Masses & Dimensions)

**ⓘ Note:** The mass of the campervan in running order contains provision for the masses of liquids, gas etc. (see Mass in Running Order in the Technical Section). Part of this provision can also be utilised as additional payload, if for example, you wish to travel with no gas cylinders.

**ⓘ Note:** If you travel with water in the fresh water tank or waste tank, the payload will be reduced accordingly.

**ⓘ Note:** Quoted MRO is subject to tolerance, due to weight variation of materials used in Campervan construction.

**Maximum User Payload:**

The maximum allowable weight to be put into the campervan whilst it is being driven. This is made up of 4 sections:

Personal effects, conventional load, optional equipment and essential habitation equipment.

The Maximum User Payload is the difference between the Maximum Technically Permissible Laden Mass and the Mass in Running Order.

**Personal Effects:**

Those items which a user can choose to carry in a campervan and which are not included as Essential Habitation Equipment or Optional equipment.

**Conventional Load:**

A mass allowance for each designated passenger seat.

**Optional Equipment:**

Items made available by the manufacturer over and above the standard specification of the campervan.

**Essential Habitation:**

A mass allowance for liquids in systems not accounted for within the MRO.

**Maximum Technically Permissible****Laden Mass:**

The maximum weight for which the campervan is designed for normal use when being driven on a road, laden.

This mass takes into account specific operating conditions including factors such as the strength of materials, loading capacity of tyres etc.

**Gross Train Weight:**

The maximum combined weight of the campervan and trailer.

**⚠ WARNING:** Under no circumstances should the Maximum Technically Permissible Laden Mass of this campervan be exceeded

**Nose weight on towed trailers:**

The static mass of the trailer towing device on the rear of the towing vehicle.

When measuring the noseweight it is important that the trailer is loaded.

The trailer is intended to be towed slightly nose heavy. The nose weight can be adjusted by distribution of the load. The nose weight should be approximately 7% of the actual laden weight (but not greater than the hitch capacity) and at the same time suit the campervan requirements. See section '3.11 Advice on towing' on page 24

**3.3 Loading of vehicle**

**⚠ WARNING:** Loads must not be exceeded. The driver is responsible for arranging the loads so that they comply with the technical weight limits of the specific campervan model.

See Technical handbook.

Correct weight distribution is an important factor in ensuring your vehicle is well balanced and easy to drive. It is therefore necessary to load your campervan carefully making sure all heavy articles are evenly distributed and are preferably placed in the lower lockers or bed boxes.

Although it is essential to ensure that the total weight of your campervan does not exceed the stipulated Maximum Technically Permissible Laden Mass, (MTPLM), it is important to remember that the front and rear axles also have individual maximum weights which must not be exceeded.

**To ensure adequate road holding the load on the front axle, under all conditions, must not be less than 40% or more than 70% of the total weight.**

Ensure you distribute the payload equally on each side of the vehicle to avoid an imbalance.

These weights, together with the MTPLM, can be found on the statutory plate affixed to the left hand side front door pillar.

**⚠ WARNING:** Turn off all gas appliances while the vehicle is in motion.

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

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

### 3.4 Large storage areas

The large storage areas provided in some campervan layouts are designed solely for the purpose of carrying personal possessions, these areas must not be used:

- As a habitation area (eg 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 cylinders.
- To carry any flammable liquids, unless properly stored, sealed and secured.
- For the operation of an electrical generator.
- In such a way that the load exceeds the MTPLM, and/or minimum and maximum axle loads.

### 3.5 Tyres

**If a wheel or tyre is changed any replacement must be of the same type of construction and size.**

The law requires that the tyres and pressures must be suitable for the use to which they are being put. The minimum tread depth must be 1.6mm throughout a continuous band comprising the centre three-quarters of the breadth of the tread and around the circumference of the tyre.

Please refer to the base vehicle manufacturer's handbook for tyre pressure information. This may also be displayed in the driver's or passenger's door aperture.

The campervan tyre pressure noted in the Technical book are the pressures stated by Ford for your vehicle calculated in a fully laden condition. If you are not running fully laden, reduced pressures could be used but please seek clarification from the tyre manufacturer.

### 3.6 Dedicated travelling passenger seating

Seat belts are fitted to all travelling seats. Travelling seats are designated by the manufacturer and vary according to the layout you have purchased. Each seat is homologated i.e. tested to all relevant safety requirements. NEVER travel in or attempt to install a seatbelt to a non-designated seat.

## Seat belts and legislation

Designated driver and passenger seats are fitted with seat belts and **MUST** be worn when travelling.

All children up to 135cm (4'5") in height, or 12 years of age, whichever is reached first must use a child car seat or booster seat suitable for their age and weight.

Children over 135cm (4'5") in height or aged 12 years and over must wear a seat belt.

Note: It is the legal responsibility of the driver To ensure children aged up to 14 years old are suitably restrained.

For passengers aged 14 and over, it is their responsibility (not the driver) that a seat belt is worn.

Seat belts are fitted for your safety and must be worn unless a 'Certificate of Exemption from Compulsory Seat Belt Wearing' is held. This Certificate must be produced if asked for by the Police – seat belt offences can result in a fine.

## 3.7 Child seats

### Choosing/Buying

Go to a reputable retailer such as Halford's, John Lewis etc. Most reputable retailers will have trained child seat advisers on site and will offer a fitting service. Ask the advisor to fit various seats to the vehicle. Once a correctly fitted seat has been installed, satisfy yourself on it's suitability for your child and the vehicle before buying as it is important to use a correctly fitting seat in your campervan.

### ISOFIX Child Seat Restraint

**⚠ WARNING:** Use an anti-rotation device when using the ISOFIX system.

**⚠ WARNING:** Only child restraints certified to ECE-R129 or ECE-R44.03 (or later) have been tested and approved for use in your campervan.

**⚠ WARNING:** The child seat you use in your car may not be suitable for mounting on a campervan seat.

The two outer seats on the rear travelling bench seat are equipped with ISOFIX anchorage points. Each anchorage point is hidden behind a small zipped area at the bottom of the seat back cushion. Their locations are identified by an ISOFIX lower anchorage label



The top tether anchor points are located on the metal seat frame at the rear of the seat.



### General Seat Installation Method:

1. Undo the zips at the base of the seat back to expose the lower anchorages.
2. Place the child seat on the seat cushion and push the child seat back firmly to engage the ISOFIX lower anchor points
3. Route the tether strap over the back of the seat to the anchor point and secure
4. Tighten the tether strap in line with the child seat manufacturer's instructions

**⚠ WARNING:** Please consult with the child seat manufacturer's instructions for full installation instructions. If in doubt please consult the child seat manufacturers technical support team for further guidance on the installation.

**⚠ WARNING:** Do not attach the top tether strap to anything other than the correct top tether strap anchor point.

**⚠ WARNING:** Make sure that the top tether strap is not slack or twisted and is properly located on the anchor point.

**⚠ WARNING:** Make sure the child restraint rests tightly against the vehicle seat.

### Isofix Child Restraint Position Information

Seating Position		Lateral Facing	Rearward Facing	Rearward Facing	Forward Facing	Rearward Facing
		0 - 10 kg	0 - 10 kg	0 - 13 kg	9 - 18 kg	9 - 18 kg
Front Passenger	Size class <sup>1</sup>	No ISOFIX				
	Fixture <sup>1</sup>					
RH rear Seat	Size class	X	E	C, D, E	A, B, B1	C, D
	Fixture	X	R1	R1, R2, R3	F2, F2X, F3	R2, R3
Centre rear seat	Size class	No ISOFIX				
	Fixture					
LH rear seat	Size class	X	E	C, D, E	A, B, B1	C, D
	Fixture	X	R1	R1, R2, R3	F2, F2X, F3	R2, R3

<sup>1</sup>The size class and fixture are defined for both universal and semi-universal child restraint systems. You can see the identification letters on ISOFIX child restraints.

**X** Seat is not suitable for use with this size class of child restraint system.

**⚠ WARNING:** Do not modify child restraints in any way.

**⚠ WARNING:** Do not hold a child on your lap when your vehicle is moving.

**⚠ WARNING:** If your vehicle has been involved in a crash, have the child restraints checked.

**⚠ WARNING:** Do not put the shoulder section of the seatbelt or allow the child to put the shoulder section of the seatbelt under their arm or behind their back. Failure to follow this instruction could reduce the effectiveness of the seatbelt and increase the risk of injury or death in a crash.

**⚠ WARNING:** Do not use pillows, books or towels to boost your child's height. Failure to follow this instruction could result in personal injury or death.

**⚠ WARNING:** Always make sure your child is secured properly in a device that is appropriate for their height, age and weight. Child safety restraints must be bought separately from your vehicle. Failure to follow these instructions and guidelines may result in an increased risk of serious injury or death to your child.

#### Height-based seats

Height-based seats are known as 'i-Size' seats. They must be rear-facing until your child is over 15 months old. Your child can use a forward-facing child car seat when they're over 15 months old.

You must check the seat to make sure it's suitable for the height of your child.

Only EU-approved height-based child car seats can be used in the UK. These have a label showing a capital 'E' in a circle and 'R129'.

#### Weight-based seats

The seat your child can use (and the way they must be restrained in it) depends on their weight.

Only EU-approved weight-based child car seats can be used in the UK. These have a label showing a capital 'E' in a circle and 'ECE R44'.

You may be able to choose from more than one type of seat in the group for your child's weight.

For more information visit [www.gov.uk](http://www.gov.uk)

Never fit or use a second hand car seat. It could have been damaged and may not meet modern standards. The fitting instructions may also be missing.

### Positioning/Fitting

Dependant upon the child seat type, the most suitable position for the child seat to be fitted may be the front passenger seat of the cab (NOTE airbag advice on following page) The central seat on the rear bench seat is not suitable for an ISOFIX child seat. Advice should always be taken from the retailer on the suitability and security of the seat in the campervan. Read and follow the child seat manufacturer's instructions for fitting the seat.

All Swift campervans are fitted with inertia reel seat belts, however, the child seat must be tight in the adult seat. Push all your weight into the child seat as you tighten the belt.

Keep a copy of the child seat fitting instruction in the campervan for easy reference.

Any doubts, ask an advisor to show you how to correctly install the seat.

### 3.8 Airbag

Never fit a rear facing child restraint in a seat with an active airbag in front of it.

Forward-facing child restraints should be positioned as far back from the airbag as possible. Check the base vehicle handbook.

**⚠ WARNING:** Extreme Hazard! Never use a rearward facing child restraint on a seat protected by an active airbag in front of it. Death or serious injury to the child can occur.

**⚠ WARNING:** You must switch the passenger airbag off when using a rearward facing child restraint on the front seat.

**⚠ WARNING:** You must switch the passenger airbag on following the removal of the child restraint.

### 3.9 Three point seat belts

This section refers to the seat belts located in the habitation area of your campervan.

#### Dedicated Travelling Passenger Seating

##### Bench Seat

**⚠ WARNING:** No passengers are allowed to stay inside the vehicle whilst moving unless they are seated in the designated seated positions. (3 rear positions are available).

For the safety of rear seated passengers, the bench seat must be correctly installed in to the guide rails and locked in place in one of the traveling positions while the vehicle is moving to avoid any issues when breaking.

All passengers must be buckled up correctly.

To ensure the correct functioning of the seat belts the bench seat must be securely fastened in to the running rails and the seat be locked into one of the travelling positions.

##### Moving the bench seat

There are two methods to adjust the position of the seat. By moving the seat with your body (seated on the seat as in a car seat) or by pushing it by hand while stood near to the front of the seat.

Lift the front bar handle and pull or push in the direction required. Let go of the handle and the seat will click into the nearest lockable traveling position. When travelling we would recommend that any luggage is stored behind the bench seat and not between the front and rear seats. To ensure the mechanism runs smoothly it is recommended to clean and remove obstacles from the rails.

To lock the seat in the desired position depress the lever on both sides of the seat.

**ⓘ Note:** The forward most lockable position for the rear seat, in the floor rails, is not suitable for passengers when travelling.

To re-engage the sliding mechanism pull-out the two side levers and lift the bar handle.



**⚠ WARNING:** The bench seat **MUST BE LOCKED** when driving! Carriage of passengers is permitted only when the bench is locked in the positions intended for this purpose!

#### **Fastening the seat belt:**

Insert tongue into buckle; a positive 'click' indicates correct assembly.

#### **Releasing the seat belt:**

Press the red release button, the tongue will be ejected from the buckle.

- The belt is designed for use by one person and must not be put around a child seated on a person's lap.
- The belt is suitable for restraining most child seats and boosters.
- The belt should at all times be adjusted and used in accordance with the instructions. No excessive slackness should be present.
- Once installed the diagonal should pass across the centre of the shoulder and the buckle should lie just on or below the hip.
- Avoid twisting the webbing during use. Webbing must not be allowed to chafe against sharp edges.
- Do not make alterations or additions to the belt.
- Belts that have been cut, frayed, damaged or stressed through impact should be replaced. After impact the campervan anchorage points should also be checked.
- To clean use warm soapy water only.
- Periodic inspection of the installation will ensure reliability of the seat belt.

**① Note:** The forward most lockable position for the rear seat, in the floor rails, is not suitable for passengers when travelling.

### **3.10 Driving licence**

Licences issued to drivers who passed their car driving test before 1st January 1997 include categories B+E and C1+E which gives them entitlement to drive motor vehicles up to 7500kg MTPLM.

Drivers who passed their test on or after this date have category B entitlement only, which restricts the entitlement to motor vehicles with up to 8 passenger seats and an MTPLM of up to 3500kg with trailers up to 750kg MTPLM (4250kg gross train weight) or larger trailers providing the combination of the trailer and towing vehicle does not exceed 3500kg and the MTPLM of the trailer does not exceed the unladen weight of the towing vehicle.

Drivers who passed their test on or after the 1st January 1997 will need to take an additional test(s) to gain the C1+E entitlement.

### **3.11 Advice on towing**

The towing capability of each campervan differs depending on the specific chassis and engine types, (see 'Towing Capabilities Table' in your specification section).

This table takes account of the maximum front and rear axle loadings as well as the minimum front axle loading in two conditions, MRO and MTPLM condition.

Towing in these, and any other condition requires sensible loading and distribution of payloads to ensure the requirements of the towing capability table are met.

When towing, the demands on both the vehicle and driver increase. A trailer reduces manoeuvrability, the ability to climb hills, acceleration and braking capacity and makes the vehicle handle and corner differently. It will also increase the fuel consumption of the vehicle.

Always brake in good time. Special care must be taken when descending gradients. Change down before going down a steep hill so the engine can act as a brake. Ensure that the towing vehicle tyre pressures are correct and adjusted for full load conditions and that the trailer tyre pressures are as recommended by the trailer manufacturer. Regularly check the operation of trailer brakes and lights.

For maximum stability, when loading the trailer ensure that the loads are properly secured during transit. Position loads so that most of the

weight is placed close to the floor and, where possible, immediately above or close to the axle(s). Where the load can be divided between trailer and tow vehicle, loading more weight into the vehicle will generally improve the stability of the combination.

After loading the trailer, check that the nose weight and axle loads are in accordance with the manufacturer's recommendations, also check the rear and front axle loads on the campervan. When calculating the laden weight of the trailer, remember to include the weight of the trailer PLUS THE LOAD.

**Note:** Towing regulations vary from country to country. It is very important to ensure that national regulations governing towing weights and speed limits are observed (refer to the relevant national motoring organisation for information). The stated maximum permissible towing weights refer to the vehicle's design limitations and NOT to any specific territorial restrictions.

#### Notes:

5. Do not exceed the campervan gross vehicle train weight.
6. Do not exceed the maximum front & rear axle loads on the campervan.
7. Ensure the campervan front axle load is never less than 40% or more than 70% of the total weight.
8. Campervans with an MTPLM up to 3500kg which have European Type approval can only be fitted with a type approved towbar complying to 94/20/EC or UN ECE R55.
9. The limit for towing an un-braked trailer is 750kg (based on VIN plate not actual weight), this applies to a towed car.
10. A car dolly with a car with a GVW over 750kg in place is considered as two trailers, these are legal for use for recovery but under the Road Traffic Regulations Act 1984 the combination is limited to 40 mph on motorways and dual carriageways and 20 mph elsewhere. A car dolly is not legal for transportation (there is a very specific difference between recovery and transportation. Recovery is defined as the removal of a broken down vehicle to a place of safety).

11. The maximum permitted vehicle combination length is 18.75m, however any combination must ensure compliance with the turning circle requirements of Construction and Use regulations 1986 & EU 1230/2012.

**Note:** Not all campervans are suitable for towing and may not have sufficient payload to permit towing. If in doubt, consult your dealer.

### 3.12 European Touring

Please note there are a number of requirements placed on a driver when driving on European roads. Carrying a warning triangle, high visibility jacket, first aid kit and spare bulb is now compulsory in many EU states but some EU countries are now introducing further regulations such as carrying a breathalyser kit and not being able to use satellite navigation systems with speed camera warnings.

We would advise customers to check on the many web-sites available to ensure you are carrying the correct equipment when touring in those EU countries.



## 4. En-route

4.1 Spare wheel .....	28
4.2 Cruise control .....	28
4.3 Parking sensors .....	28

### **4.1 Spare wheel**

Your vehicle is fitted with a space saving spare wheel please refer to Ford Hand book for wheel changing and pressures.

### **4.2 Cruise control**

The driver of the vehicle should always remain seated and in control of the vehicle when cruise control has been engaged. Never leave the driving seat for any reason when the vehicle is underway

### **4.3 Parking sensors**

Parking sensors are fitted to some vehicles. Please use the information provided. Use the sensors as a guide only. It is the responsibility of the driver to ensure it is safe to reverse the vehicle.

## 5. Safety and security

5.1 Fire .....	30
5.2 Smoke Alarm Operation .....	30
5.3 Fire Extinguisher .....	30
5.4 Escape paths .....	30
5.5 Children .....	31
5.6 Ventilation .....	31
5.7 CO alarm .....	31
5.8 Security .....	32

## 5.1 Fire

Note: Your attention is drawn to the notice affixed inside the wardrobe advising on fire precaution, ventilation and what to do in case of fire.

### In case of fire

1. Get everyone out of the campervan as quickly as possible using whichever exit is the quickest, including windows. Do not stop to collect any personal items.
2. Raise the Alarm. Call the Fire Brigade.
3. Turn off the gas supply valve if it is safe to do so.
4. Turn off the electricity supply at supply point.

## 5.2 Smoke Alarm Operation



Your campervan is fitted with a Fire Angel SB1 smoke alarm. Please read the user instructions for the smoke alarm, which are available at the following location:

<https://www.fireangel.co.uk/products/sb1-t>



If you are unable to view the documents online, please contact the supplier, your dealer or Swift for an electronic or paper copy.

**⚠ WARNING:** Never use portable cooking or heating equipment other than electric heaters that are not of the direct radiant type, as it is a fire and asphyxiation hazard.

**⚠ WARNING:** Appliances such as cookers must not be used for heating.

## 5.3 Fire Extinguisher

It is recommended that a dry powder fire extinguisher be carried inside your campervan at all times.

When using a dry powder extinguisher it is suggested that the campervan be evacuated until the powder has settled, to avoid inhalation.

A fat pan fire should not have a fire extinguisher aimed at it. It should be smothered with a fire blanket.

**⚠ WARNING:** Provide one dry powder fire extinguisher of an approved type or complying with EN3-7 or ISO 7165, of at least 1kg capacity, by the main exterior door and a fire blanket next to the cooker. Familiarise yourself with the instructions on your fire extinguisher and the local fire precaution arrangements.

## 5.4 Escape paths

It is important that you do not block escape paths to emergency exits with obstructions or hazards.

As the campervan is fitted with a childproof locking system please ensure it is not activated when the campervan is parked off the public highway. For more information please see base vehicle handbook.

Double or dead locking is a theft protection feature that prevents someone from opening the doors from the inside and is activated by pressing the lock button on the fob twice within three seconds. To unlock all doors press the unlock button on the fob.

**⚠ WARNING:** To maintain the emergency exits DO NOT double/dead lock the vehicle if persons are inside the campervan.

Doors cannot be opened from the inside if deadlocked. A single press of the key fob locks the doors from the outside but allows the doors to be opened from the inside.

For more information please see base vehicle handbook

## 5.5 Children

Do not leave children alone in the campervan in any event. Keep potentially dangerous items out of reach, as at home e.g. matches, medicine etc.

## 5.6 Ventilation

All campervans comply with BS EN 721. The ventilation points on your campervan are fixed points of ventilation which are required by the European Standards.

All campervans have ventilation at high level and low level which have been calculated to suit the individual needs of your campervan.

High level ventilation is achieved by the mesh within the fabric of the pop up roof. The low level ventilators are positioned in the floor at the rear of the vehicle.

Under no circumstances must these vents be blocked or obstructed in any manner as this could lead to insufficient fresh air. In this case the confined atmosphere becomes depleted of oxygen which could lead to dangerous levels of carbon dioxide (CO<sub>2</sub>) build up leading to the risk of asphyxiation.

The risks of carbon monoxide (CO) build up, which is a colourless, odourless and tasteless gas, will also be reduced with ventilation. Carbon monoxide is produced from incomplete combustion and should the CO detector be activated the cause of the incomplete combustion must be investigated prior to reusing the appliance in question.

It is advised that fixed ventilation points are checked and cleaned (if necessary) on a regular basis using a small brush and a domestic vacuum cleaner.

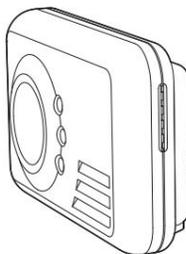
As the ventilation levels are calculated to suit each model requirements no modifications should be made which may result in reduced ventilation levels.

**⚠ WARNING:** Do not obstruct ventilation.

**⚠ WARNING:** When you are cooking it is essential to provide additional ventilation, such as opening windows near the grill, cooker and oven. Do not use cooking appliances for space heating.

It is recommended that the elevating roof be raised when the Leisure Accommodation Vehicle is used for habitation purposes.

## 5.7 CO alarm



Your campervan is fitted with a Fireangel CO-9XT-FF Carbon Monoxide Alarm. To activate the alarm, you will need to pull the disabling tab as shown in the above image. For further information, please read the instructions for the alarm, which are available at the following location:

<https://www.fireangel.co.uk/product/co-9xt-ff/>



If you are unable to view the documents online, please contact the supplier, your dealer or Swift for an electronic or paper copy.

If you are unable to view the documents online, please contact the supplier, your dealer or Swift for an electronic or paper copy.

## 5.8 Security

### **Campervan theft:**

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

### **VIN (Vehicle identification Number)**

Record your campervan VIN which can be found on the lower edge of the base vehicle front windscreen and on the left hand side front door pillar.

Make a note of this number in the space provided at the front of this handbook and make a separate note of the number to keep safe at home.

### **Additional security**

Consider fitting any device which might deter intrusion by thieves. Customers are advised to identify their campervan with a method for subsequent identification if other forms of identification have been altered or removed.

Free crime prevention advice about securing your campervan, 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.

# 6. Arrival at site

6.1 Positioning the campervan ..... 34

## 6.1 Positioning the campervan

**Note:** Check and observe site regulations.

Keep to roadways unless otherwise directed. Adhere to speed limits. Note that these are generally 10mph.

**Note:** Remember that the stopping distance on grass is considerably greater than on tarmac.

Only a person in possession of a current driving licence may drive on the site.

### Selecting a pitch

Do not pitch in such a position that your campervan will obstruct others coming in.

Try to choose an area which is dry, reasonably level and preferably with a hard base.

If you have no alternative but to pitch on a slope try to ensure that you are facing down the slope, for when you leave.

### Levelling the campervan

Leveling the vehicle may be required for comfort. Stepped leveling boards (fig A) or propriety ramps are ideal for this purpose



**Fig. A**

### Awnings 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 side flaps of awnings should be periodically raised in order to avoid damage to the ground.

## 7. Connecting services

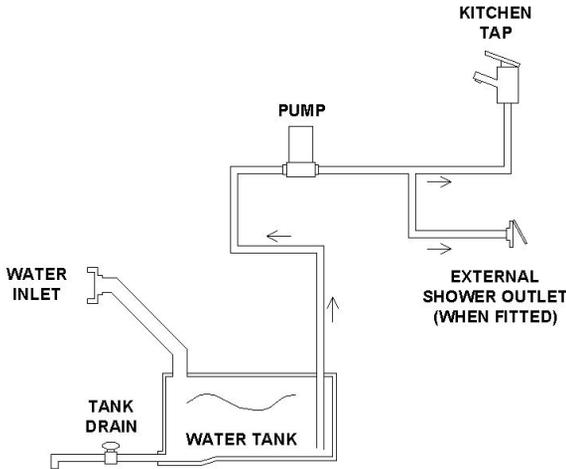
7.1 Water system - Introduction .....	36
7.2 Priming the Water System .....	37
7.3 The External Shower Point .....	37
7.4 Cleaning water system .....	37
7.5 Fresh water system .....	39
7.6 Tank heaters .....	40
7.7 Troubleshooting .....	40
7.8 Water fault finding .....	42
7.9 Gas Schematic .....	44
7.10 Gas .....	45
7.11 Types of gas .....	46
7.12 Changing a gas cylinder .....	46
7.13 External BBQ point .....	48
7.14 Gas fault finding .....	49
7.15 The electrical system .....	50
7.16 Overseas connection .....	50
7.17 230V mains electrical equipment power consumption .....	51
7.18 Connecting cable wiring .....	52
7.19 Typical appliance consumption .....	53

## 7.1 Water system - Introduction

All Swift Group campervan water systems have been designed around a pump fitted within the campervan. This pump draws water from an under floor or internal water tank, to provide water pressure within the water system, whenever it is switched on and water is available.

The schematic below shows the basic configuration of the water system:

### Water system schematic - Campervan with fitted fresh water tank



When power is supplied to the pump, it will draw water from the water tank, and pump it to the campervan kitchen tap and shower. The pump is fitted with its own pressure switch, and will continue to pump water, until the pressure of water on the output of the pump reaches a pre-set level. For this pressure to be achieved, the taps must be closed.

When the taps are opened, water will leave the tap via the spout, and the pressure in the pipes between the pump and the taps will reduce.

Because of this reduction in pressure, the pressure switch on the pump will switch back on and the pump will again run to pump more water.

Close to the pump, the water under pressure is split into two paths:

1. Through blue water pipes routed directly to the cold connection of the tap.
2. To the shower.

## 7.2 Priming the Water System

1. Close the water tank drain valve
2. Fill the fresh water tank with water.
3. The lockable filling inlet for the fresh water tank is located in the drivers side footwell.



4. Open the kitchen tap.
5. Turn on the pump using the switch on the control panel (See pump switch in paragraph in section '8.2 Control and Power Supply System').
6. Turn the tap off as and when the air is expelled and the water runs smoothly
7. Whilst holding the shower head down away from the vehicle to the ground, open the shower tap and shower head tap until all the air is expelled and the water runs smoothly. Turn the shower taps off.
8. Top up the fresh tank with water.

Please ensure all taps are fully turned off when not in use (except when winterising).

**Note:** All tanks are fitted with a breather which acts as an overflow. Overfilling a tank will result in water being expelled from the overflow.

## 7.3 The External Shower Point



The external shower point is positioned on the rear of the kitchen unit. To access open the offside sliding door.

To connect the shower, simply align the plug with the socket and push into position.

To remove, pull the lower trigger and pull the plug from the socket.

## 7.4 Cleaning water system

Clean the water system at the start and end of the season with sterilising fluid.

### Sterilising

When cleaning the water system at the start or the end of the season it is advisable to use a suitable sterilising fluid available from your campervan dealer. The fluid must be suitable for use with stainless steel components

Flush the system thoroughly to remove the effective fluid traces.

When water is first introduced, or the water supply in the internal tank, runs out, air will be present in the pipework. It is important that every tap is run to remove any air in the system.

### System care

Allowing water to freeze in the system may result in damage to the pump and plumbing system.

Non-Toxic antifreeze for potable water may be used with Truma pumps. Follow manufacturers recommendations.

Do not use automotive antifreeze to winterize potable water systems.

These solutions are highly toxic and may cause serious injury or death if ingested.

### Sanitising

The water systems, and in particular storage tanks, in campervans 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, eye or skin infections. It is therefore important that you carry out the following procedure prior to using the campervan each time, even if you boil or filter all water you use for drinking.

**For the fresh tank:**

1. Drain down the system (open all taps to allow air in, enabling the system to drain quickly). Removing the underside sump bolts is advisable to remove all water.
2. Remove any aftermarket 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/sterilant solution).
3. Fill the water system with a disinfectant/sterilant solution (check that the solution at full strength appears at all taps/showers). Allow to stand for the recommended period of time.
4. Drain the system completely.
5. Thoroughly clean the outside of all taps/connectors with a cloth soaked in the disinfectant/sterilant.
6. Flush the system through with clean drinking water until no traces of disinfectant/sterilant can be detected at any tap.

Suitable sterilising chemicals are available from your campervan dealer, accessory shop, chemist or home-brew shops. It is not, however, recommended to use bleach or sodium metabisulphite.

**Sterilising**

Do not use products that contain aggressive agents for sterilising the water system. Always use products designed for stainless steel tanks available from your campervan dealer.

**Waste water system**

1. The waste water holding tank is secured below the floor of the kitchen, and is gravity fed.
2. In order to eliminate unpleasant odours as much as possible, only smooth bore pipes are used.

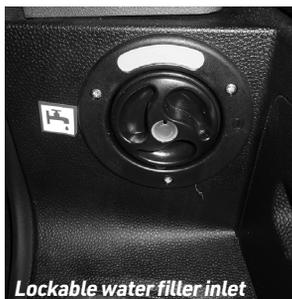
Should the waste water tank be overfilled, it is possible that waste water will backfill the pipes until it eventually appears in the kitchen bowl. In order to prevent this, please monitor the water level.

The waste water tank (the rear most water tank on the Drivers side) is fitted with a grey drain valve. Make sure to close the drain valve of the waste tank after emptying the tank to prevent waste water from draining from the tank accidentally.

## 7.5 Fresh water system

1. All fittings, including the holding tank, water pipes, taps and connections are of food quality material (to BS6920) and therefore, should not affect the quality of the water used. It is recommended however, that the system is flushed through twice before it is used for the first time, and always cleaned/flushed after it has stood unused for a period of time (eg over the winter period). Care has been taken (using smooth bore pipes etc) to eliminate as many water traps as possible.
2. When filling the fresh water system remember to check that the water source is suitable for use as drinking water and, if you are using a hose pipe or water carrier, that it is also made from nontoxic materials (preferably food quality material).
3. The fresh water tank is fitted with a manual drain valve on the tank, which will drain the contents of the fresh water tank.

**⚠ CAUTION:** If the fresh water tank is completely empty the pump will be unable to pressurise the system and will operate continuously. In this situation it is essential that, in order to avoid damage to the pump, it is switched off using the pump isolator switch on the control panel until such time as the water tank has been filled.



### Fresh Water Tank

Your campervan is fitted with a water tank filled from the drivers foot well via a lockable water filler cap. When filling, use a hose manufactured from non toxic material, to prevent tainting of the water.

## 7.6 Tank heaters

Depending on specification, your campervan may be fitted with 12v tank heaters, designed to prevent or reduce instances of freezing water in fitted water tanks.

If tank heaters are fitted, they can be turned on via a switch within the sink unit. Both fresh and waste tank heaters are equipped with internal thermostats, and when power is available via the switch in the sink unit, they will switch ON and OFF according to the temperature of the water in the respective tank. If the water temperature drops below 5deg C, the heater will switch ON. If the water rises to above 10deg C, the tank heater will switch OFF.

The tank heater does not monitor water levels in the fresh and waste tanks – if both tanks are empty, ensure the tank heaters are switched off to conserve power.

It is also possible to use the tank heaters en-route, i.e. while driving.

Please note that the heating elements use a 12V supply. With the engine off, and if used without a mains hook up and charger operating, then leisure battery power consumption will be increased (see consumption table on page 53 for more information).

## 7.7 Troubleshooting

### **Pump will not start, when the tap is opened:**

- Check fuse(s).
- Check power source(s), and ensure there is sufficient voltage to run the pump.
- Ensure pump switch is ON.
- Using a multi-meter, ensure there is power at the pump. If not, refer to your dealer as there may be damaged cabling or a fault with the fusebox.
- Is the pump hot? If so, allow to cool before retrying.
- Has the vehicle been stored over winter? was it correctly winterised? If no, the pump may have frozen, causing permanent damage.

### **Pump runs, but will not pressurise system (i.e. no or little water being discharged from taps) - Not Pulsing:**

- Ensure that there is water in the fresh water tank.
- Ensure water system has been primed correctly, (see '7.2 Priming the Water System' on page 37), and there are no air-locks present.
- Ensure there are no restrictions in the plumbing.
- Ensure the inlet side of the pump is watertight and not allowing air into the system.
- Using a multimeter check that the voltage is between 10 and 14.5 volts. If not, refer to your dealer.

**Pump continues to run (for more than 5 seconds) after taps are closed or pump turns on for no reason:**

- Check for leaks on the high pressure side of the pump.
- Ensure water system has been primed correctly, as per the handbook, and there are no air-locks present.
- Ensure the pump is securely mounted.
- Ensure the piping on the high pressure side of the pump is in good condition (not blowing or deforming).

**Noisy or rough operation**

- Check for leaks on the high pressure and low pressure side of the pump.
- Ensure that all pipes (especially those within 150mm of the pump) are not touching any furniture.
- Ensure the pump is securely mounted

**Pump rapidly cycles (switches on or off) or water pulses from taps, including temperature pulsing:**

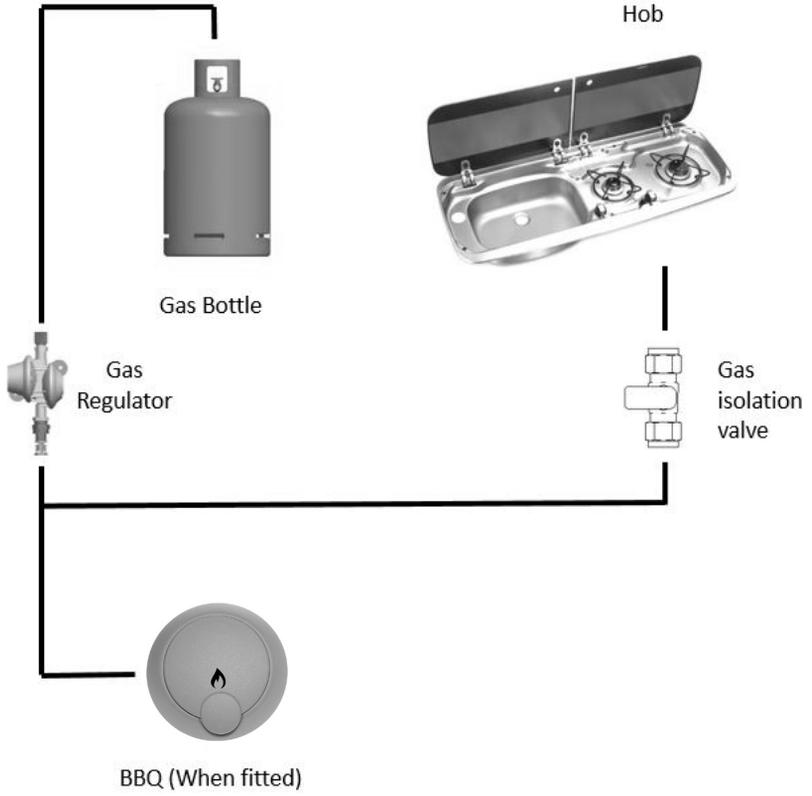
- Check for leaks on the high pressure and low pressure side of the pump.
- Ensure there are no restrictions in the plumbing

## 7.8 Water fault finding

Fault	Cause	Remedy
Water not flowing from any tap when operated but pump runs	Freshwater tank empty	Check
	Pump wired in reverse	Check wiring, refer to pump manufacturers instructions
	Pipe inlet or outlet pipe disconnected	Check connections
	Pump pipes restricted by kinking	Check pipes run
	Blockage in pump inlet or outlet pipe	Check, starting inside freshwater tank
	Blocked pump filter	Dismantle and clean filter. See pump manufactures instructions.
Pump does not run	Pump incorrectly wired	Refer to pump manufacturers instructions
	Pump fuse blown	Check wiring connection and then replace with fuse of correct rating
	Battery disconnected	Check connections
	Pump seized or overheated	Refer to pump manufacturers servicing instructions
	Pressure pump sensing switch may have failed	Refer to pump manufacturers servicing instructions
	Contacts may be faulty	Check contacts in plug and socket are clean and making contact
	Wiring connections may be faulty	Check wiring connections

<b>Fault</b>	<b>Cause</b>	<b>Remedy</b>
Reduced flow from tap	Battery condition low causing pump to run slowly	Check battery state of charge, refer to electrical supply note
	If new taps have been fitted they may be restricting flow	Disconnect and check that they have at least 1/4" (6.3mm) bore
	Pump needs servicing	Refer to pump servicing instructions
	Partially blocked pump filter or in-line filter, if fitted	Dismantle and clean if necessary
	Pump outlet pipe kinked restricting flow	Check and re-route if necessary
	Water leak	Check all water connections
Reduced flow from tap	Pipe kinking restricting flow	Check and re-route if necessary
	Bore size difference in taps	Use taps of equal bore size
If pump motor runs steadily and will not stop	Battery voltage may be too low (below 10.5 volts)	Check that there is water in the container Adjust switch and/or re-charge battery. Check all connections in pipework

### 7.9 Gas Schematic



## 7.10 Gas

### General information Gas Cylinders

Bottled Liquefied Petroleum Gas (LPG) is the most convenient portable source of fuel for your vehicle.

The gas cylinder, cooking and heating appliances should be isolated when travelling.

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.

The LPG system should be inspected annually by a competent person.

Only use gas cylinders that are located within their dedicated position within the gas bottle housing and never extend the hose - hose lengths must not exceed 400mm.

Your vehicle is supplied with a wall mounted gas regulator plumbed inside the gas bottle compartment. The regulator and all appliances work at a harmonised 30mb pressure, which work with Butane and Propane gas.

Pressure regulation system in this vehicle has a fixed working pressure of 30 mbar with a flow rate of 1.5 kg/H and complies with the requirements of EN 12864 annex D.

We do not recommend the use of an inline LPG BBQ with the 1.5kg/H regulator when other LPG appliances are in use.

### Gas Hoses

High-pressure hoses or pigtails as they are called must be used with the new style regulator.

LPG cylinder i.e. Propane, Butane, BP and Camping Gaz cylinders all have unique bottle adaptor connections. It is important to check you have the correct hose and adaptor to suit your gas cylinders.

Push on hoses are no longer permitted under the latest regulations.

The high-pressure hoses have threaded connections and must be securely attached to the regulator and to the gas cylinder.

The hose connection to the pressure regulator relies upon a sealing washer(s) to maintain a gas tight joint, and it is essential to check that the washer is present, sound and correctly positioned prior to making the connection. The gas cylinder connection relies on a metal seating or bull nose connection to obtain a gas tight joint, therefore it is essential that the mating surfaces are clean and undamaged. In no case should a damaged valve or connection be used.

Ensure that there is a constant rise in the flexible gas hose between the gas cylinder outlet and the regulator elbow.

**⚠ WARNING:** Inspect flexible gas hose(s) regularly for deterioration and renew as necessary with the approved type, in any case no later than 5 years after the date of manufacture marked on the hose.

**⚠ WARNING:** Ensure that the high pressure hose is not excessively twisted or under stress when connected to the LPG cylinders and regulator.

**⚠ WARNING:** Always ensure the gas supply is isolated at the LPG cylinder (and not at the regulator) whilst the vehicle is in storage for any period. It is important to ensure that the high pressure gas hose has a continuous rise from the bottle cylinder to the regulator to allow any condensate to fall back into the gas bottle cylinder.

### Cylinder compartment

The cylinder compartments has four plastic mouldings per cylinder position fitted to the floor of the compartment that are designed to fit the cylinders. Two straps are provided for retaining the bodies of the cylinders at mid to high level.

## 7.11 Types of gas

### Propane

Propane is supplied in red, or partly red cylinders which have a female left hand threaded connector.

Scandinavian countries use the same connector.

Germany and Austria supply propane with a male connection.

Propane will work at temperatures as low as -40°C and is therefore suitable for all winter motorhoming.

**Note:** Swift recommend that 6kg Calor propane gas bottles are used.

### Butane

Butane is supplied in the U.K. in green or blue cylinders.

All these have a male left hand thread

EXCEPT for Camping Gaz which has a special female right hand thread and Calor 7kg and aluminium bottles which have a special clip-on connection.

Continental cylinders usually have a male left hand thread similar to but not identical with U.K. butane.

Butane is only suitable for use at temperatures down to 2°C but will not work below that.

## 7.12 Changing a gas cylinder

Please use the correct size spanner for the gas hose connectors as this will prevent damage to the screw fittings and ensure that the fitting is tightened sufficiently.

- Turn off gas appliances
- Close the empty gas cylinder's valve
- Remove the high pressure hose from the gas cylinder.
- Attach the high pressure hose to the full gas cylinder.
- Open the full cylinder's valve.

Check the hose connection to the cylinder valve for leaks.

**WARNING:** When re-fueling your campervan, switch off the heater and close the cylinder valve.

**Note:** Modifications, servicing and repairs must only be carried out by a competent service engineer.

**Note:** The regulator should be replaced no more than ten years after manufacture.

**WARNING:** It is dangerous and illegal to operate LPG appliances whilst travelling. Service and repairs must only be carried out by a competent service engineer.

**WARNING:** Never allow modifications or repairs of electrical or LPG systems and appliances except by qualified persons.

### Gas safety advice

**WARNING:** If you smell gas or suspect a leak or in the event of a fire and if it is safe to do so, isolate the gas appliances and turn off the gas bottles at the regulator. Evacuate the campervan and ventilate. Seek professional advice as to the cause of the leak.

### Facts about LPG

- LPG is not poisonous.
- Bi-products are harmless.
- There is danger if all air and oxygen were excluded.
- (Ventilation holes must be kept clear at all times).
- LPG has been given a smell by the manufacturers in order to identify leaks.

## Awning Spaces LPG Appliance Exhaust

There is no danger of pollution of an enclosed awning space by any LPG exhausts as awning spaces are generally well ventilated.

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 the extreme case there could be a build up of carbon dioxide to a dangerous level.

Campervan owners are advised to allow some fresh air circulation in the awning space when such appliances are in use.

## General Safety Notes

In the event of leaks in the gas system or if there is a smell of gas:

- Extinguish all naked flames.
- Do not smoke.
- Switch off the appliance and gas cylinder.
- Open the windows.
- Do not operate any electrical switches.
- Have the entire system checked by an expert.

## Precautions

- a. Never look for a leak with a flame. Always use a soap solution or its equivalent when testing connections. Do not operate any electrical apparatus whatsoever, especially light switches. If the leak is not obvious, the campervan should be evacuated and qualified personnel consulted.
- b. Avoid naked lights when connecting or changing a cylinder.
- c. Check the flexible hose frequently.
- d. The gas is heavier than air and therefore sinks to the lowest point.
- e. Keep bottle gas containers outside (and protected against frost). If they must be kept inside make sure they are well away from heat.

**⚠ WARNING:** Do not use appliances with a different working pressure to 30mbar.

**⚠ WARNING:** Maintain adequate spacing of combustible materials from sources of heat.

**⚠ WARNING:** Do not use independent portable gas appliances inside the vehicle. Cookers shall not be used as heaters

**⚠ WARNING:** A BBQ point inlet valve, if fitted, must only be used for the connection of portable LPG appliances.

**⚠ WARNING:** If in doubt, Ask!

Always read individual appliance instructions

## Connection

Ensure that the gas regulator hose is correctly connected to the gas cylinder in gas bottle compartment and that the hose connection is tight.

Gas cylinders must be fully located, seated at the base of the bottles and restrained by the straps provided in the dedicated compartment position. Straps are positioned to suit 6kg, 7kg and 13kg bottles.

**⚠ WARNING:** If using cylinders other than those recommended, the user must ensure these are adequately supported, ventilation openings must not be obstructed and the cylinders must not cause damage to other fixtures

Open ended gas hoses must always be protected from dirt and insects.

Before turning on the gas supply at the regulator, ensure that all gas operated equipment in the campervan is turned off.

All gas equipment is supplied through a Gas Manifold System which has individual isolation taps for each appliance (Fig A), as follows:



**Fig. A**

GREEN - Hob

YELLOW - Grill (if fitted)

**① Note:** If the campervan is in storage or not being used for a period of time, we recommend turning off the gas supply at the gas bottles.

### 7.13 External BBQ point

Models equipped with an external barbecue point can be used to power any gas appliance suitable for the gas used in the motorhome, at the working pressure shown on the label in the barbecue outlet box. Please note when using the outlet that the fitted regulator will allow a maximum of 1.5kg per hour of gas to be taken from the gas bottle. Therefore the consumption of gas from both the appliances within the motorhome and the appliance connected to the barbecue point cannot exceed a total of 1.5kg per hour at any one time. If you are in any doubt please consult your dealer for advice. To use point proceed as follows.

When external gas equipment is being connected, the operating pressure of the gas supply of 30 or 50 mbar must correspond with the operating pressure of the equipment that is being connected (see data plate).

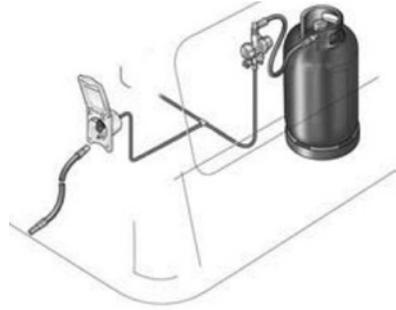
The plug-in connection can only be made if the quick-acting valve is closed. The safety locking mechanism can be released by sliding back the coupling sleeve.

The coupling K-valve is designed such that the quick-acting valve can only be opened if the connection is being made via the plug-in connection.

The connection is made by inserting the plug-in connection into the safety coupling.

This operation can be carried out using one hand. After uncoupling the equipment, seal off the valve opening using the protection cap.

**Note:** The external gas socket is only suitable for removing gas, not for feeding gas into the gas system.



**WARNING:** Care should be taken when using the external barbecue point. Never barbecue next to an awning or tent.

**WARNING:** The barbecue point should only be used as an outlet point for gas, never connect a gas bottle direct to the outlet.

## Thermal insulation heating

The classifications are as follows:

### Grade 1

A campervan with an average thermal transmittance (u) that does not exceed 1.7w/(m<sup>2</sup>k).

### Grade 2

A campervan with an average thermal transmittance (u) that does not exceed 1.7w/(m<sup>2</sup>k) and which can achieve an average temperature difference of at least 20°C between inside and outside temperatures when the outside temperature is 0°C.

### Grade 3

A campervan with an average thermal transmittance (u) that does not exceed 1.2w/(m<sup>2</sup>k) and which can achieve an average temperature difference of at least 35°C between inside and outside temperatures when the outside temperature is -15°C.

## 7.14 Gas fault finding

Fault	Cause	Remedy
Grill does not light	No gas	Check level of gas in cylinder Check gas cylinder valve is on Check gas taps are on
	Air in pipe	Purge system Refer to oven manufacturers instructions
BBQ does not light	No gas	Check level of gas in cylinder Check gas cylinder valve is on Check gas taps are on
	Over gassed Air in pipe	Turn off appliance, wait 2 minutes and try again Purge system

## 7.15 The electrical system

### General Information

It is strongly advised that the mains installation is inspected periodically to ensure safe use. The IET (BS7671) wiring regulations recommend that mains installations in campervans are re-inspected every 3 years or annually if the van is used frequently. The National Caravan Council lists the qualifications necessary to perform this inspection, but an NICEIC approved contractor is probably the first choice.

### On arrival at the campsite

- Check the suitability of the supply, is it AC or DC, is the voltage and frequency correct.
- Ensure that there is a proper earth (3 pin socket outlet).
- If in doubt consult site staff.
- Make sure that the supply from the site is switched off.
- Make sure that the charger switch on the PSU is switched off.
- Lift the cover on the electricity inlet on the campervan, and insert the connector on the flexible supply cable.
- At the site supply point, connect the other end of the supply cable to this using the socket provided.
- Switch on the main switch at the site supply point.

**Note:** It is good practice to test the RCD (Residual Current Device) in the PSU before switching on. There is a test button on the RCD to test the lever, put the lever in the up position (on) before testing.

**Note:** As with the RCD it is good practice to check the Miniture Circuit Breaker (MCB) in the PSU. Switch all to the on position (lever up). If any do not stay up then there is a fault.

### On departure from the campsite

- Switch off supply from the site, disconnect the cable at both ends.
- Switch off RCD.

**WARNING:** Never use a mains supply lead whilst coiled. Always uncoil the full length before connecting to the supply and remember to protect the cable from traffic.

**WARNING:** Current consumption in the campervan must not exceed 16 amps or the pitch permitted maximum if this is less than 16 amps.

## 7.16 Overseas connection

- Connection to a mains voltage overseas requires particular attention.
- Overseas supplies can be of reverse polarity.
- Reverse polarity results in equipment not necessarily being isolated when turned off, reverse polarity indicator on the PSU will light in the event of reverse polarity.
- The only sure way to make equipment safe is to unplug it.
- It is useful to have a means of checking polarity when overseas.
- If it can be achieved then connect live to live, and neutral to neutral to achieve full electrical protection.

**WARNING:** Never allow modifications or repairs of electrical or LPG systems and appliances except by qualified persons.

## 7.17 230V mains electrical equipment power consumption

### **Please note:**

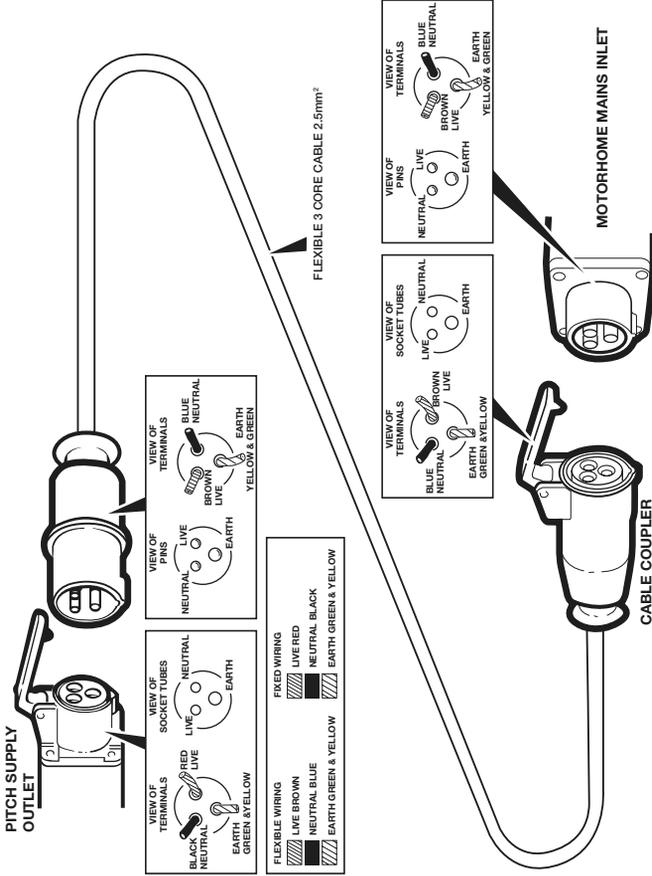
It is possible that the 230V mains electrical equipment may not all operate simultaneously. A typical UK campervan site mains hook up point provides a maximum output of 10 amps and on some continental sites the available output may be as low as 5 amps.

If your loading exceeds the site supply it may trip the site circuit breaker. Please check the available mains output with your site operator.

Similarly loadings on each circuit breaker within the vehicle should be observed.

A label positioned close to the MCB's will identify which appliances within the vehicle are fed from which MCB. Consulting the table (Typical Appliance Consumption Figures) in conjunction with this label, will give an indication of which appliances can, and cannot, (site supply allowing), be operated simultaneously.

**Wiring of connecting cable and motorhome mains inlet**



**The legal length of the mains inlet cable is 25 ± 2 metres. When in use it must be fully uncoiled and protected from traffic.**

## 7.19 Typical appliance consumption

Appliance/ Item	230 Volt		12 Volt		LP Gas grams/hour
	Watts	Amperes	Watts	Amperes	
Eberspacher Heating system	Not applicable		31 W (average)	2.6 amps	Not applicable
Vitrifigo Refrigerator	Not applicable		31 W (nominal)	2.6 amps	Not applicable
Dometic hob burners	Not applicable		Not applicable	Not applicable	Max 204 g/h
Minigrill	Not applicable		Not applicable	Not applicable	95 g/h
Battery Charger	690 W	3.0 amp	Not applicable	Not applicable	Not applicable
12v LED lights (each, depending in size of light)	Not applicable		0.4W - 6.1W	0.05 amp – 0.5 amp	Not applicable
USB socket	Not applicable		Up to 18W	Up to 1.5 amps	Not applicable
Water tank frost element (Winter pack)	Not applicable		30 W	2.5 amp each	Not applicable
Pressure switched water pump	Not Applicable		24W	2.0 amp	Not applicable

Note: These are approximate figures for guidance only, and are subject to changes in specification. The figures show energy consumption when an item or appliance is operating – i.e. a light is illuminated, or a heating system is providing space heating or water heating. Appliances which feature LCD or illuminated control panels can have a low current consumption when in stand by mode, or have a constant low current draw in the background to run their displays and electronic systems – these figures are typically 0.4 amps or less, for each applicable item. These electronic items can in most cases be switched off individually, or, use of the System Shutdown button on the power supply unit isolates all of these items.



## 8. Electrical Systems

8.1 Campervan battery .....	56
8.2 Control and Power Supply System .....	57
8.3 Factory fitted Solar Energy System .....	61

## 8.1 Campervan battery

Leisure batteries are a deep cycling rechargeable heavy duty 12v battery designed to provide power for lights and other electrical appliances. Your campervan has been fitted with an Absorbed Glass Matt (AGM) leisure battery, installed below the passenger seat. The battery is NCC approved battery scheme 'A' rated, and it is recommended that a good quality leisure battery, maintained in good condition, is always connected when the campervan electrical system is in use.

It should be remembered that batteries suitable for the electrical demands of a campervan differ in design from those for use with a car, and whilst the system may operate with a car battery it is strongly recommended that only a rechargeable leisure type battery is used. Replacement batteries should be a proprietary brand leisure battery with an 85Ah to 110Ah capacity.

**Note:** Replacement batteries should be checked dimensionally before purchasing, to ensure fitment within the seat base, as brands vary in size. The battery fitted at manufacture uses breather hoses to direct any expelled gasses through the floor of the campervan, and any replacement must include this same feature. Any replacement battery shall be of the same type and specification as that originally fitted or as specified by Swift.

Under normal circumstances it should not be necessary to remove the battery other than for routine inspection of terminals. Due to the position of the battery below the passenger seat, dealer assistance is required to remove the seat, replace the battery or and re-fit the passenger seat.

**WARNING:** When connecting the battery, ensure that the correct polarity is observed (black is negative and red/brown is positive) and that the terminals are securely fastened.

**WARNING:** Switch off all appliances and lamps before connecting or disconnecting the battery. Open flames and smoking are prohibited around the battery compartment.

Your campervan has been fitted with an in-line 40 amp fuse between the battery terminal and the power supply unit. Do not use a higher rated fuse as this may cause damage to your campervan.

To preserve the life of your leisure battery and charger please observe the following:

1. Do not leave all 12v lights powered at the same time as this will drain your leisure battery more rapidly.
2. If all 12v lights must be powered together, ensure the battery is 'in-circuit' and that the battery charger is turned on.
3. For optimum performance use the transformer/charger unit with a leisure battery attached.

Please note the auxiliary battery or batteries supplied with your campervan may not be fully charged and should be charged for a minimum of 24 hours before use.

Battery performance may be affected by a number of things such as ambient temperature, age, state of charge etc.

**WARNING:** It is imperative that the battery is correctly secured as any movement could cause wear to the casing and cause electrolyte to leak.

**WARNING:** The passenger seat base contains the battery, and other electrical components. For your own safety do not store anything other than the leisure battery in the battery compartment

## 8.2 Control and Power Supply System

### Introduction

This section of the handbook relates to the operation of the electrical system. For the safe operation of all electrical equipment within your campervan, it is important that you read and fully understand these instructions. If you are unsure of any aspect please contact your dealer for further assistance.

The key components used in your campervans electrical system are:

### Control panel

Mounted above the sink unit, the control panel is a central point for the control of the main 12v items within the campervan.

### Consumer unit

Located in the wardrobe, the consumer unit provides protection when connected to a mains/230v supply.

### PX300 intelligent battery charger

Located in the sink unit, the PX300 provides up to 300w of power, to charge the leisure battery and power the 12v circuits within the campervan.

### 100w solar panel and regulator

The roof mounted solar panel, can, via the regulator mounted in the sink unit, provide a source of 12v power in addition to the leisure battery and PX300 charger.

### Fuse and relay assemblies

Located below the passenger seat base, and within the wardrobe, these provide protection for the 12v circuits within the campervan.

### Switches and electrical outlets

In addition to light switches positioned either on light fittings, or, at relevant positions on furniture, an electric step switch is located between the sliding door and the rear seat/bed, and two switches within the sink unit provide ON/OFF isolation for the fridge, and when fitted, tank heaters.

Two 230v (mains) outlets are present, one on the control panel and the other within the wardrobe, for use when the campervan is connected to a mains/230v supply.

A 12v socket is present in the rear of the campervan, accessed via the rear tailgate, and is in the cigarette lighter format as seen on a vehicle dashboard.

USB sockets are present on the control panel, and between the sliding door and the rear seat/bed. These provide up to 2.1A per module.

### Lighting

All of the lights within the habitation area of the campervan are 12v LED. Those which do not feature switches on the light fitting, are controlled by the light switch on the control panel.



Referring to the above diagram:

**Eberspacher heating controller:** Please see details of the heating system operation described elsewhere in this handbook. Please note that when the Eberspacher heating controller is turned OFF, the heating appliance if warm or hot, may continue to operate for a short time, until it has cooled sufficiently.

**Habitation area power ON/OFF:** This ON/OFF switch turns on and off the 12v supply to the majority of items in the habitation area of the campervan, including the other switches on the control panel.

**Ambient lighting ON/OFF:** When the habitation area ON/OFF switch is ON, the lighting switch controls LED strips around the kitchen and wardrobe areas.

**Battery select (leisure/vehicle):** This selector switch brings into circuit either the leisure battery below the passenger seat, or the Ford vehicle battery/batteries.

When the mains hook up is not connected, all 12v items within the habitation area will be powered by the selected battery.

If a mains hook up 230v supply is connected, the selected battery will receive charge from the PX300 battery charger – the rate of charge

received will depend on how many other 12v items are operating at the time, see '7.19 Typical appliance consumption' on page 53 for further details.

The battery selector switch should for typical use be left in the leisure battery position. If the leisure battery becomes depleted/discharged, the vehicle battery can be selected as an alternate source of power. Care is needed to leave enough charge in the vehicle battery to enable starting of the vehicle engine.

**Water pump ON/OFF:** When the habitation area ON/OFF switch is ON, the pump switch turns on and off the 12v supply to the fresh water pump located in the sink unit. See '7.1 Water system - Introduction' on page 35 for further details of how the water system operates.

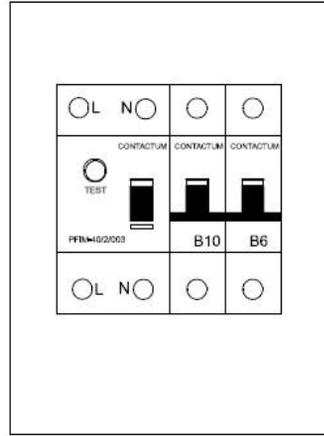
**Battery voltage display ON/OFF:** When the habitation area ON/OFF switch is ON, the voltage display switch turns on and off the adjacent display, which will show the voltage of the battery selected by the battery select (leisure/vehicle) switch.

A figure between 13 volts and 14.4 volts is likely during battery charging, i.e. when a mains hook up is connected and the PX300 charger is operating.

When a battery is not being charged, a figure of 12v or higher indicates a reasonable state of charge.

A figure at or below 12v indicates the battery requires charging. Allowing the figure to fall below 11.5v should be avoided as this could reduce the both the overall lifespan and future performance the battery.

## Consumer unit



The consumer unit is located in the wardrobe, consists of one RCD and two MCB's, and operates in a similar way to components found in domestic installations.

The Residual Current Device (RCD) is provided to protect the user from lethal electric shock. The RCD will turn off (trip) if the current flowing from the live conductor does not fully return down the neutral conductor, i.e. if some current is passing through a person or faulty appliance, to earth. To ensure the RCD is operating correctly, it should be tested each time the campervan is connected to a mains hook up 230v supply, as described elsewhere in this handbook.

The Miniature Circuit Breakers (MCB's) operate in a similar way to traditional fuses and protect the installation from overload or short circuit. If an overload occurs one or more of the MCB's will turn off or 'trip'. If this occurs the cause of the fault should be investigated before turning the MCB back on.

The 230v sockets in the control panel and wardrobe, are supplied via the 10A MCB in your consumer unit.

The The PX300 battery charger is supplied via the 6A MCB in your consumer unit.

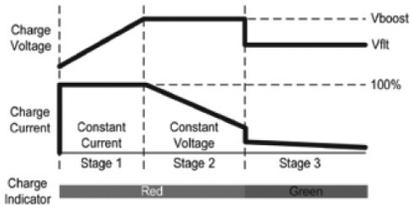
## PX300 Charger

The system incorporates an intelligent three-stage battery charger.

During stage 1 the battery voltage is increased gradually while the current is limited to start the charging process and protect the battery. At stage 2 the voltage rises to 14.4V to deliver the bulk charge to the battery. When the battery is charged, the voltage is decreased at stage 3 to 13.6V to deliver a float charge to maintain the battery in the fully charged state. The charger can be left switched on continuously as required.

The battery charger / power converter also provides power to the leisure equipment when the mains supply is connected. This module supplies DC to the leisure equipment up to a maximum of 25 Amps (300 Watts), therefore the available power is distributed between the leisure load and the battery, with the leisure

Leisure Load	Available power for battery charging
5A	20A
10A	15A
15A	10A
20A	5A



## Fuse and relay assemblies

In addition to the fusing provided as part of the Ford base vehicle, two sets of fuses are fitted

which relate to the habitation area 12v electrical system. These are located in the base of the wardrobe (Eight fuses) and in the base of the passenger seat (Three fuses)

**WARNING:** When replacing fuses always replace a fuse with the correct value. NEVER replace with a higher value / rating as this could damage the wiring harness. If a replacement fuse 'blows' do not keep replacing the fuse as you could damage the wiring harness. Please investigate the fault and contact your dealer.

### Wardrobe fusing

Fuse Number	Colour	Rating	Circuits protected
1	White	25amp	Charger output
2	Red	10amp	Fridge
3	Beige	5amp	Electronics
4	Red	10amp	En-route supplies
5	Red	10amp	Lighting
6	Red	10amp	Pump
7	Beige	5amp	Ignitions
8	Red	10amp	Tank heaters if fitted

### Passenger seat fusing

Colour	Rating	Circuits protected
Orange	40amp (large maxi fuse)	Leisure battery supply
Red	10amp	Electric step
Yellow	20amp	Eberspacher heater

### Relay Assemblies

The operation of the fitted relays is automatic. Their functions include EMC isolation and split charging.

**EMC isolation relay:** The EMC isolation relay is in place to shutdown parts of the system while the engine is running. This is to meet Electro Magnetic Compatibility (EMC) regulations and to ensure the safe operation of the motorhome.

**Split charging relay:** The split charging relay is in place to allow the charging of the leisure battery (as well as the vehicle battery/batteries), when the vehicle engine is running

### Switching on

The following steps are to be followed on arrival at a campsite or on connection of a mains hook up 230v supply:

#### A) Ensure suitability of the Mains Supply.

Your Leisure Vehicle should only be connected to an approved supply that meets the requirements of BS7671 or relevant harmonised standards. In most cases the site warden will hold information regarding suitability of supply. If using a generator, you also need to comply with the requirements / instructions supplied with the generator. Please note that some electronic generators may not be compatible with your leisure system. Further generator operational information is shown opposite.

#### B) Switch the RCD and MCB's OFF

Locate the consumer unit and ensure all levers are in the down position

#### C) Connect the Hook-up Lead.

Firstly, connect the supplied hook-up lead (orange cable with blue connectors) to the camper van, and then connect to the mains supply.

#### D) Check Residual Current Device operation.

Locate the RCD within the PSU and ensure the RCD is switched on (lever in up position). Press the 'Test' button and confirm that the RCD turns off (lever in down position). Switch the RCD back to the on position (lever in up position). If the test button failed to operate the RCD contact your dealer.

#### E) Check Miniature Circuit Breakers

Locate the MCB's (adjacent to the RCD) and ensure they are all in the on (up) position. If any MCB's fail to 'latch' in the on position contact our dealer

### F) Turn on control panel

Turn on the lower right hand switch (habitation area power ON/OFF

### Generators

Caution should be used before connecting a generator to your motorhome.

**⚠ WARNING:** Never start or stop the generator while electrical loads are connected and switched on. Start the engine, let it stabilise and then connect the electrical load. When stopping the generator, disconnect the electrical load and let engine stabilise before switching off.

Whilst some generators use electronic inverter technology, others use a more basic principle to generate the 230V supply. Preference should be to choose a generator which produces a consistent sinusoidal wave form with accurate voltage control.

In most cases it is safe to use a generator, but please consult the generator handbook for further information.

### Technical Data & Approvals

RCD: 40A 30mA trip to BS EN 61008

MCB's: Type B 6000A breaking capacity to BS EN 60898. EMC Directive 2014/30/EU, BS2014/30/ EU

PX300 Charger:

Input 220-240v AC +/- 10%, frequency 50 Hz +/- 6%, current 3A max.

Output 13.6v DC to 14.4v DC nominal, current 25A max.

Charger case temperature with full load 65deg C max.

BS EN 60335-1/2.29, 2014/35/ EU, BS 2014/35/ EU, IEC61000-3.2/3:2018.1 Low Voltage Directive: 2014/35/EU, BS 2014/35/ EU, TUV-014900-A1, EN55022, Class B, EN55024/ Level 2

## 8.3 Factory fitted Solar Energy System



Your campervan is fitted with a solar panel and regulator. This solar panel and regulator may provide additional 12V power whenever sunlight is available to the Camper, and can provide a daily boost to the leisure battery when camping without a mains 230V supply.

It is also possible to manually direct solar charge to the vehicle battery instead of the leisure battery, using the battery select switch on the camper van control panel (see section described elsewhere in this handbook.)

### Battery power

Depending on the state of the charge of the battery it may take a few hours to several days to recover a discharged battery.

For obvious reasons the solar panel and regulator will only work during daylight hours, whereas the demands on the leisure battery (power use) may be twenty four hours per day.

SX150-12



### Regulator operation

The MPPT (Maximum Power Point Tracking) regulator fitted to your campervan is fully automatic and has a maximum rating of 150 watts. When the solar regulator is not working (i.e. panel is in darkness) the regulator does not use any 12v power.

### Maintenance and cleaning

The solar panel will require cleaning periodically in order to maintain the performance of the panel, a caravan, car shampoo or simple soap can be used; no abrasive cleaners should be used. Take care if working at height to clean the panel.



## 9. Fitted equipment

9.1 Getting to know EasyStart Pro .....	64
9.2 Refrigerator .....	67
9.3 Dometic Hob and Bowl .....	68
9.4 Gas Cylinders/Bottles .....	70
9.5 Dometic 972 Toilet .....	71
9.6 Swivel seats .....	72
9.7 Omnistep slide-out step .....	72
9.8 Care of laminate tops, tables, furniture and doors .....	72
9.9 Furniture doors .....	72
9.10 Table storage .....	72
9.11 Opening the sleeping roof .....	73
9.12 Rock and roll rear bed .....	76

## 9.1 Getting to know EasyStart Pro

### Heating Controls

Your Camper van has been fitted with an Eberspacher Diesel heating system and a easy-start controller.

The Heater is situated under the vehicle with the louvered outlet mounted on the rear of the passenger seat.

It can be rotated to direct the heat to the area required.

The controls for the heater are mounted on the Control panel at the corner of the Sink top.

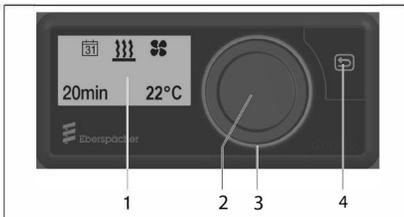
Please refer to the full operating instructions within the document folder. Also use the QR code below to access it electronically.

[https://www.butlertechnik.com/downloads/Eberspacher\\_EasyStart\\_PRO\\_-\\_Operating\\_Instruction\\_Guide.pdf](https://www.butlertechnik.com/downloads/Eberspacher_EasyStart_PRO_-_Operating_Instruction_Guide.pdf)



EasyStart Pro has a simple operating structure. All settings, functions and parameters are controlled with a single operating button.

### Description of the operating components



### Display

The display shows the following parameters:

- Current operating mode
- Current interior temperature
- Operating mode
- Timer positions
- Settings
- Error codes

### Operating button

- The operating button is used to operate, select and program all the functions and values in EasyStart Pro. The operating button can be turned and pressed.
  - Turning selects a value/function within a menu.
  - Turning to the right increases a value or selects the next menu item to the right.
  - Turning to the left decreases a value or selects the next menu item to the left.
  - Pressing confirms the flashing menu item or value on the display.
  - If EasyStart Pro is in sleep mode (display OFF), pressing or turning "wakes up" the active mode. If the heater is switched off, the Start mask is displayed. If the operator makes no inputs, an overview mask is displayed before the system goes to sleep mode.
  - When the heater is running, the last mask is displayed.

#### **Note:**

- A LONGPRESS (min. 2 sec.) immediately starts all connected heaters. The standard operating time here is set at the factory to 30 minutes.
- During operation, a LONGPRESS (min. 2 sec.) immediately switches off all connected heaters.
- If terminal 58 has voltage, sleep mode will not be activated.

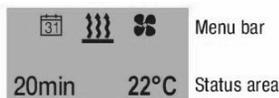
### LED ring

- The LED ring with its different colours serves to indicate the operating mode.
  - Red ring: Heating mode
  - Blue ring: Ventilator mode
  - Orange ring: Residual heat mode
  - White ring: System configuration
  - Red flashing ring: Fault in one of the connected heaters or in EasyStart Pro

## Button BACK

- The BACK button causes a jump back to the menu or command at the next higher level.
- If EasyStart Pro is in sleep mode (display OFF), pressing “wakes up” the live mode again.
  - If all heaters are switched off, the Start mask will be displayed.
  - If a heater is running, the last mask is displayed.

## The menus and their functions



### Menu bar

The following menus can be selected from the menu bar (turn the operating button to the right):

Symbol	Menu
	Heat
	Ventilate
	Residual heat
	Settings
	Timer

### Note:

The Ventilation  function is only displayed if the heater supports this function.

The timer function  is not available on vehicles in ADR mode.

### Status area

When the menu (heat, ventilate, settings, timer or residual heat) is activated, various items of information are display in the status area. These are presented and described in the respective sections of these operating instructions.

### Input area



### Display

e.g. Heating ON/ Operating time 107 min.

In the input area, the symbol of the selected menu item appears in the middle of the display. The corresponding setting value flashes in the input area and can be altered with the operating button by turning and confirmed by pressing.

## Notes on operation and setting

### Activating EasyStart Pro

If the display is not lit, EasyStart Pro has to be activated. Pressing the operating button or BACK button displays  the Start mask; you can then continue with operation or setting.

### Display

The display is lit

- During operation of EasyStart Pro
- When terminal 58 has voltage, for example when the vehicle lights are switched on (optional).
- When the heater is ON (the display goes out after approx. 30 seconds).

### Display goes out

The display goes out after approx. 30 seconds if

- No settings are made.
- No heater is switched on.
- When using terminal 58, when the vehicle lights are switched off.

EasyStart Pro then goes to sleep mode. EasyStart Pro then has to be activated (see above) before a new input can be made.

### Activating a function

The symbol of the function to be activated appears in the middle and flashing in the display.

### Flashing function / flashing value

- Select the flashing function in the menu bar by pressing the operating button.
- Increase or decrease the flashing value by turning the operating button. Then confirm the selected value by pressing the operating button.

### Cancel / exit settings

Every setting can be cancelled or exited by pressing the BACK button .

#### Note:

Settings and changes must always be confirmed by pressing the operating button, otherwise they will be lost.

### Setting the operating time

The operating time can be set individually using the operating button.

- Turning to the right increases the operating time.
- Turning to the left decreases the operating time.
- Setting range for the operating time: min. 10 minutes to max. 120 minutes in one minute steps.
- The operating time can be prolonged to 720 minutes. Above the 120th minute, the input is made in 60-minute steps. To do this, please contact the installation workshop.

#### Note:

- Continuous heating mode is additionally possible for air heaters.
- The operating times of all connected heaters can be set independently of one another.

### Operating modes

#### Heat

In this operating mode, the heater heats the vehicle engine via the coolant circuit and the vehicle interior via the ventilation louvres, irrespective of the configuration.

#### Ventilate

In this operating mode, the heater supplies the vehicle interior with fresh outdoor air via the ventilation louvres. This operating mode is only possible if the function is supported by the heater version (see also Technical Description of the Heater).

### Temperature sensor

EasyStart Pro has an integrated temperature sensor that measures the vehicle interior temperature. During installation, an additional external temperature sensor can be connected and integrated into the system.

With air heaters, the temperature sensor installed in the heater for control of the heater can also be used to measure the vehicle interior temperature. This will be configured by the installing workshop during initial commissioning.

### Further devices

EasyStart Pro allows the simultaneous operation of up to 4 heaters or, for example, also a stationary air conditioner. It is also possible to combine a heater with a fan. The fan is then used to circulate the air inside the vehicle. All connected systems can be operated simultaneously or independently of one another.

#### Note:

The number of symbols and displays differs depending on the installed heater and feature options.

### Factory setting

#### Timer mode (for all heaters)

- Weekday group: Mon - Fri
- Departure time: 07:00 h

#### Air heaters

- Operating time: 30 minutes
- Target temperature: 22°C / 72° F

 Note: In the interest of safety, replacement parts for an appliance shall conform to the appliance manufacturer's specifications and should be fitted by them or their authorised agents.

## 9.2 Refrigerator

Your campervan is fitted with a Vittrifigo C42DW Compressor refrigerator.

Using this model number, please read the user instructions for the refrigerator, which are available from the following location:

<https://penguinfrigo.co.uk/wp-content/themes/genesis-sample/pdf/VFC42DWL-MANUAL.pdf>



If you are unable to view the documents online, please contact the supplier, your dealer or Swift for an electronic or paper copy.

### Isolation switches for Fridge and water tank heaters.

Please be aware that separate isolation switches have been placed in the small Right hand cupboard below the kitchen top,



### 9.3 Dometic Hob and Bowl



**Fig 1**

#### Safety Warnings

**⚠ WARNING:** This warning is affixed to the appliance. This appliance must be installed in accordance with regulations in force and only used in an adequately ventilated area. Always read the instructions provided in full before installing and using this appliance. This appliance must be installed by specialist gas service engineers.

**⚠ WARNING:** This appliance is designed and manufactured for cooking food only. Any other use is considered improper and incorrect creating hazardous conditions. The manufacturer declines all responsibility for damage to things or injuries to persons caused by incorrect installation and / or incorrect and improper use.

**⚠ WARNING:** This appliance must only be used by responsible adults. during use and immediately after use the burner and other accessible parts may be hot; do not touch these parts and always keep children at a safe distance. after using the appliance ensure the knob/knobs are off. After use always shut off the gas supply at the main gas tap.

**⚠ WARNING:**The use of gas appliances generates heat and moisture in the immediate area. always ensure a good ventilation in the cooking area: keep all air vents open for natural ventilation or install an extractor fan (cookerhood) . Due to intensive use of the appliance it may be necessary to increase ventilation such as opening a window.

**⚠ CAUTION:** Glass hob lids may shatter when heated. Always raise the lid before igniting a burner/s (hob, oven and grill) and turn off all burners (hob, oven and grill) and let them cool down before lowering the hob glass lid.

**⚠ CAUTION:** When using the hob with the glass lid on the sink unit closed, always keep pans on hob at a distance of 10 mm minimum from sink unit glass lid.

## Controls

The following symbols indicate the burner corresponding to the control knob.

This symbol is placed next to the hob burner knobs. Full dot refers to the corresponding hob burner.



The following symbols indicate the burner regulation corresponding to the knob position.

**Note:** Different models may have different knobs and different symbols.

● GAS OFF

🔥 HIGH FLAME

🔥 LOW FLAME

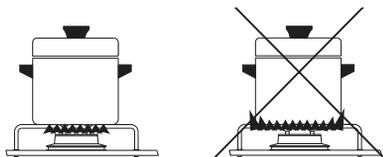
## Other symbols



PUSH BUTTON  
ELECTRONIC IGNITION

## Selecting burner

**WARNING:** The flame must never extend beyond the edge of the pan. Centre the pan over the burner ensuring stability on the pan support.



Burner	Pan Diameter
AUXILIARY Ø 47mm	from 6 to 16cm
SEMI-RAPID Ø 62mm	from 16 to 22cm
RAPID Ø 77mm	from 16 to 22cm

## Electronic Ignition Hob (Depending on model)

**WARNING:** Make sure there are no pans or other any objects on the burners when igniting.

To ignite burner, gently push-in and turn the control knob to position HIGH FLAME and maintaining the knob pushed at the same time press the electronic ignition pushbutton. Once the burner is alight maintain the knob in this position for a few seconds to ensure the flame remains alight.

**CAUTION:** If the burner does not ignite immediately repeat ignition after having followed each step below:

- Turn the knob to "small flame"
- Proceed with manual ignition
- Check there is sufficient gas in the gas bottle.

If the appliance still does not ignite shut off the gas supply at the main gas tap and contact your local dealer.

## Manual Ignition Hob

Manual ignition when the appliance is not fitted with the electronic ignition feature or in the event of failure in the electronic ignition.

**WARNING:** Make sure there are no pans or other any objects on the burners when igniting.

To ignite burner, gently push-in and turn the control knob to position HIGH FLAME and maintaining the knob pushed at the same time light the burner with a match or gas lighter. Once the burner is alight maintain the knob in this position for a few seconds to ensure the flame remains alight.

**WARNING:** If the burner does not ignite immediately check there is sufficient gas in the gas bottle. If the appliance still does not ignite shut off the gas supply at the main gas tap and contact your local dealer.

**Hob Flame Regulation**

To regulate flame turn the knob to the desired cooking flame.

**Visual Flame Control**

Depending on the type of gas used the flame should be:

Propane (G31): blue flame without yellow tips.

Butane (G30): flame with yellow tips when ignited which becomes more intense in colour as the burner heats.

**9.4 Gas Cylinders/Bottles**

**⚠ WARNING:** Never operate the appliance with gas and or at gas pressures different to those indicated by Dometic as this could cause irregular and incorrect operation. Dometic declines all responsibility for damage or injury caused by an incorrect or improper use of the appliance.

The appliance runs off standard gas bottles which can be found in the country of use. The type of gas to use is clearly marked on the packaging and on the specifications label affixed to the rear of the appliance. However always respect the following instructions: gas bottles must always be located and positioned in the compartment provided for this purpose. They must always be vertical and fitted with a valve and pressure regulator. Do not obstruct or impede access to the gas bottle to permit quick and easy access when replacing.

**⚠ WARNING:** When replacing the gas bottle always take the following precautions:

- a. close all gas knobs;
- b. make sure there are no flames or fires in proximity of the gas bottle;
- c. close the gas valve on the bottle to be replaced;
- d. unscrew the pressure regulator on the empty bottle and remove the bottle from the purpose compartment. This procedure is inverted for fitting a new bottle. Check for gas leaks utilising a non-corrosive fluid. Do not use a water and soap solution.

**NEVER USE A FLAME TO CHECK FOR GAS LEAKS;**

- e. ignite the burners to check they function correctly. If there are problems call in an authorised gas service engineer.

After appliance use always turn off the gas tap on the bottle

**⚠ GAS LEAKS:**

We recommend the use of an electronic and homologated gas detector for checking ambient air.

If there is a smell of gas;

- a. immediately open the windows and evacuate the campervan.
- b. do not turn on or off light switches or other electronic appliances, do not light matches or lighters or anything that could cause the gas to ignite;
- c. put out any flames
- d. shut off the valve on the gas bottle or cylinder. Do not re-open this valve unless the gas leak has been identified and eliminated.
- e. contact an authorised gas service engineer.

## Cleaning

**⚠ WARNING:** Before cleaning the appliance always turn it off and disconnect from power supply and wait until it has cooled down.

**⚠ CAUTION:** Surfaces that are still hot can be damaged if they come into contact with cold water or a damp cloth. Never use abrasive, corrosive or chlorine based cleaning products. Never use steel or plastic scouring pads. Never leave deposits of acid or alkaline substances (vinegar, salt, lemon juice etc.) on the appliance. Stainless steel or enamelled surfaces must be cleaned only with water and soap or a neutral detergent, thoroughly rinse and dry. Use clean sponges or cloths to clean.

## Injectors

**⚠ WARNING:** Cleaning or replacing gas injectors must only be performed by authorised and qualified gas service engineers.

Burner	Injector (mm)	Stamped N.
Auxiliary 47mm	0.50	50
Semi-Rapid	0.67	67
Rapid	0.75	75

## 9.5 Dometic 972 Toilet

### Cassette C260S

Your campervan is fitted with a self contained Dometic 972 toilet, featuring a 8 litre flush tank, 9 litre waste tank, and push button flush. Further details can be found at the following location:



<https://www.dometic.com/en-gb/outdoor/uk/products/hygiene-and-sanitation/sanitation/motorhome-toilets/dometic-972-25288#documentation>

## 9.6 Swivel seats



To turn the swivel, slide the BLACK lever rearwards and adjust to the required angle. Before driving off ensure the locking mechanism is fully secure.

## 9.7 Omnistep slide-out step

### Electric Step Operation

On vehicles fitted with an electric step, this is operated with a switch near the entry door.



Press one side of the switch to extend the step, the other side to retract the step.

If the engine is started the step will move in automatically, after a short warning buzzer. If this operation fails due to an obstacle a buzzer will sound continuously to warn that the step is still out, and therefore requires your attention.

**⚠ WARNING:** Ensure you stand to the side of the step when operating it.

### Maintenance

Dirt and frost can prevent the step from operating properly. In this case the rails and moving parts should be cleaned or defrosted.

### In case of electric break down

#### If the step does not retract by the motor

- Remove the front plate of the step. (Fig. 1)
- Remove the connection between the footboard and the arms (with screwdriver and wrench S10).

- Slide out the footboard.
- Reinstall the front plate.

### Current drawn

- Working current: 5 A
- Blocking current, when fully extended or retracted: 14 A

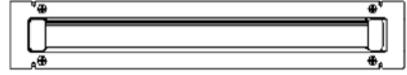


Fig. 1 Front plate

## 9.8 Care of laminate tops, tables, furniture and doors

DO NOT use abrasives, chemically treated cloths or aggressive detergents as these may cause damage.

DO NOT place hot objects on laminated surfaces i.e. tops, tables. Any temperatures 70°C and over will cause permanent damage.

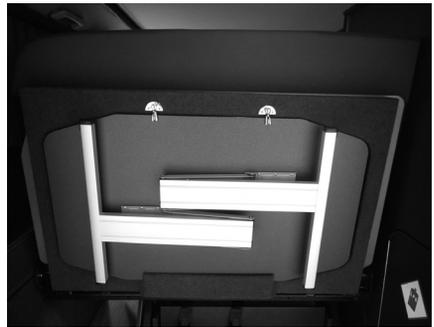
Clean worktop surfaces, furniture and door fascias with a soft, slightly damp cloth, dry off with a soft cloth.

## 9.9 Furniture doors

During normal travelling, vehicle vibration and flexing may cause some of the furniture doors to become out of alignment. For your convenience many hinges are adjustable.

## 9.10 Table storage

Forward Dining tables should be left in the fixed position on the back of the rear seat when in transit.



To avoid damage, care must be taken when removing tables from their stored positions.

## 9.11 Opening the sleeping roof

**Note:** Please make sure to open at least one door or window so that the air can escape when opening the roof.

**WARNING:** It is essential that the elevated roof be raised when the campervan is used for habitation purposes.

1. Open the Press stud fasteners of the access cover above the cabin.



2. Open the Velcro® fasteners of the tent fabric (3 fasteners).



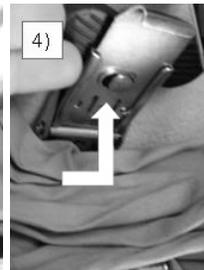
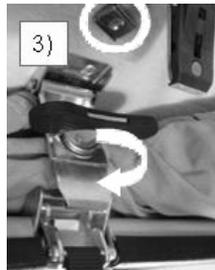
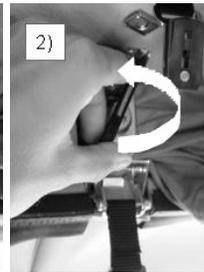
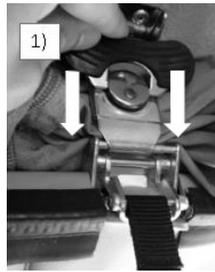
**Note:** Risk of damages at the tent fabric if the fasteners are not opened!

3. Open Click-Lock catches of the sleeping roof (driver's side as well as passenger's side)



4. Release the locking of the roof according to the following four steps:

1. Put the turning handle of the locking upwards.
2. Release the locking in counterclockwise direction.
3. Fold the turning handle downwards.
4. Finally, the locking mechanism must be fixed at the magnet (marked in red in picture 3) of the roof shell.



These steps must always be executed at the driver's side as well as at the passenger's side.

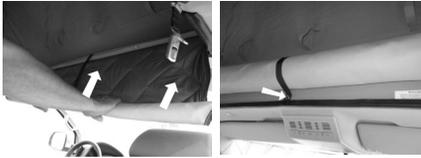
**Note:** After releasing the locking in step 2, it is **mandatory** to fold up the turning handle and subsequently secure the locking mechanism at the magnet of the roof shell in order to avoid damaging the tent fabric!

5. Then, the sleeping roof can be erected by means of the two handles at the roof.



① **Note:** The upper bed must be folded in in order to provide for comfortable headroom in the vehicle

- If needed, the access cover can be reeled in and fixed with the marked push button.



⚠ **WARNING:** Always ensure safety boards are located before entering the bunk.

⚠ **WARNING:** Use upper bunks for sleeping only, with the provided protection against fall out in position.

⚠ **WARNING:** Care shall be taken against the risk of fall out when the upper bunks are being used by children, especially under 6 years of age, these bunks are not suitable for use by infants without supervision.

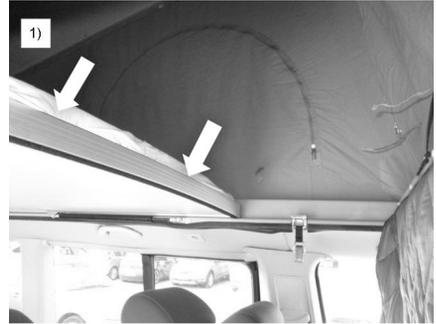
### Closing the sleeping roof

① **Note:** Please make sure to open at least one door or window so that the air can escape when closing the roof.

- Reel in the access cover (open the push button first).



- Fold the bed down before closing the roof (picture 1).



Check once more if the locking mechanism marked in picture 2) has been fixed to the roof shell by the magnet.



- Then fold up the remaining tent fabric thoroughly in the front area and fix it using the three intended Velcro® fasteners.

① **Note:** Make sure that the tent fabric will not be jammed in this process.

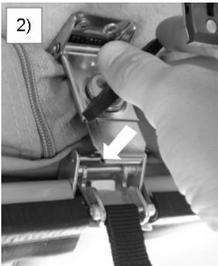


4. After that, the sleeping roof will be locked according to the following four steps:

1. Fold the tent fabric up thoroughly in the area of the locking mechanism.



2. Release the locking from the magnet and insert in the catch.



3. The locking is fixed by turning it in clockwise direction.



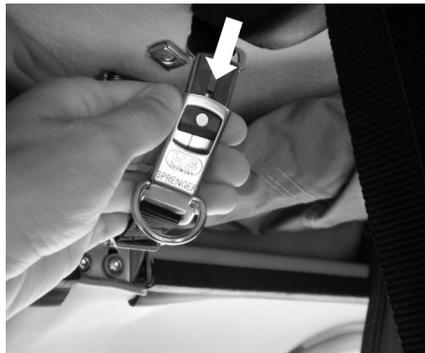
4. Finally, the turning handle is folded upwards.

These steps must always be executed at the driver's side as well as at the passenger's side.



**Note:** Make sure that the tent fabric will not be jammed in this process.

5. Close the Click-Lock of the sleeping roof (driver's side as well as passenger's side).



6. Then fold up the remaining tent fabric thoroughly in the front area and fix it using the three intended Velcro® fasteners.



7. Close the Velcro® fastener of the access cover above the cabin.



**Note:** Fix the access cover with the press stud fasteners with a certain pretension.

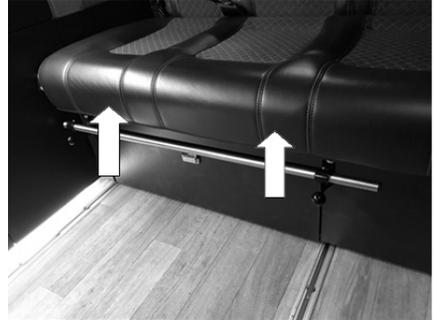
8. Finally, parts, which are projecting laterally, can be accommodated in the cavity between sleeping roof and access cover.



## 9.12 Rock and roll rear bed

### Setting up the Folding rear seat into a bed

Before folding the bed out, slide the bench seat into the correct position which is just rear of the C-pillar (rear of the sliding door) Lift the front bar handle and pull or push in the direction required. Let go of the handle and the seat will click into the lockable traveling position.



### Folding the bench seat

Standing facing the seat. Pull the seat base up and forward.



Rotate the front seat base forward revealing the release handle to the right hand side inside the frame.

The Back rest then folds forward. To lower the back rest release the handle on the right and the back rest can be gently lowered down.

Kneeling on the folded seat lower the rear of the bed with the loose mattress.

When returning the bed into the traveling seats ensure the seat belt sockets are lifted high before the seat base is folded into position.

## 10. Campervan Care

10.1 Winterisation .....	78
10.2 General care .....	80
10.3 Condensation .....	80
10.4 Changing Exterior Bulbs .....	81
10.5 Interior .....	82
10.6 Care instructions for the roof and tent .....	82
10.7 Vehicle care - exterior .....	83
10.8 Changing interior light fittings .....	83
10.9 Caring for the environment .....	83

## 10.1 Winterisation

The Swift Group recommends the following winterisation points for customers:

### Servicing

- Arrange (in advance) the yearly service and habitation check, if the campervan's next service is due while the vehicle is stored.

### Plumbing

- Water expands as it is frozen, and so trapped water, when it expands, can damage the tap/ valve /pump or pipe it is trapped within. For this reason, (in addition to reasons of hygiene), the water system should be fully drained when not in use, particularly in colder weather.
- Open both the fresh tank and water waste tank drain valves, which are located on the tanks below the skirt of the campervan. Ensure that waste water drains into a designated waste water collection area, either directly or by collecting the water in a container for later disposal.
- Fully open the kitchen tap. Run the pump (using the switch on the control panel) for a short time to expel as much water as possible from the pipework, if an external shower is fitted also connect this briefly to help expel any water trapped in the shower point connection.
- Have a cloth or towel ready, locate the pump in the lower cupboard of the kitchen area and place the cloth/towel around it. Using the quick release connections on the input and output sides of the pump, release the pipes from the pump – a small amount of water may escape from the pipe running up to the kitchen tap. Again run the pump briefly, to expel the final small amounts of water from the pump.

### Electrical

If vehicle is being stored while connected to 230v Mains Hook-up:

- Ensure that the leisure battery is connected and the leisure battery fuse is in place.
- Ensure the control panel habitation area power switch is in the OFF position (57)
- Vehicles can be left in this condition for extended periods, with the charger operating to maintain the battery. However, periodic maintenance and inspection is recommended, this should include the battery condition.

If vehicle is being stored not connected to 230v Mains Hook-up:

- Charge the leisure battery for 24 hours prior to placing campervan in storage.
- Ensure the control panel habitation area power switch is in the OFF position (see section described elsewhere in this handbook.) The battery should not be adversely affected by winter temperatures but the level of charge should be maintained to maximise the life span of the battery. This can be achieved using an automotive type battery charger as and when required.
- Check the Ford Tourneo handbook for the latest advise on vehicle battery maintenance during periods of inactivity, and follow those steps. This is likely to involve disconnection and periodic checks of battery condition.

### Gas system

- Ensure the gas supply is isolated at the gas bottle, and ensure that the gas manifold taps are off.
- Check the age and condition of the high pressure gas hose and regulator, and replace if required.

### Appliances

- Check the battery expiry date on the smoke alarm and CO detector and replace or remove as required.
- Ensure the fridge is turned off.
- Clean the inside of the fridge.
- Prop the fridge door open, and if possible, the internal freezer compartment door for ventilation.
- Ensure all hob / grill surfaces are clean.
- Clean the toilet and empty the cassette. See the Dometic toilet users manual for the most up to date advice.

## Exterior (Body / Chassis)

- Ensure that all windows, skylights and access doors are closed and secured.
- Ensure all fixed ventilation points (high and low) are clear from debris and obstructions.
- Ensure the vehicle is not parked where falling debris (i.e. leaves, tree sap) could cause damage.
- Avoid leaving the vehicle parked in soft ground, long grass or a potential area where standing water may form.

## Wheels and Tyres

- Do not store in one position with partially deflated tyres. The tyre walls will suffer and do present a real danger of blow outs, especially when travelling at faster speeds than are allowed in the UK. The wheels should be turned every couple of weeks. If you are removing the wheels, follow the jacking procedure for changing a wheel. Check your tyres regularly for signs of age and deterioration, particularly wear, cracking and blistering. If in doubt consult a reputable tyre fitter.
- A purpose made cover maybe used, but please ensure the cover is a good fit, breathable and securely fitted.

**⚠ CAUTION:** A poorly fitted cover can rub and damage the bodywork. Non-breathable covers will encourage mould to grow.

## Interior (Furniture / furnishings)

- Open all lockers and internal doors, to ensure good circulation.
- Remove cushions and store them in a dry location or ensure all cushions are placed in a well ventilated area.
- Close all blinds and curtains. Customers are reminded to check the tension on blinds after storage if left closed for long periods.
- Thoroughly ventilate the campervan by opening doors or windows periodically.
- Placing water absorbent crystals in the van during the winter months, will help reduce moisture levels and mould growth.
- We do not recommend leaving portable heaters in the van unattended.

## Recomissioning the Water System

It is advisable, after a period of non-use, to flush the water system with a sterilising fluid such as Milton 2. Fill the fresh water tank with water and sterilising fluid (Refer to sterilising fluid instructions for the amount to use).

Check that the quick release plumbing connections are re-made on the pump, turn the pump on and open all the taps, ensuring that the water drains away safely to the waste tank.

When the waste tank is full empty the fluid into a designated waste water area. Re-fill the tank with fresh water and flush through the system as described above; repeat this until all traces of the sterilising fluid have been flushed out. (See section 7.2 and the end of 7.4.

Prepare the toilet system by following the steps laid out in the Dometic toilet instructions.

## Appliances

Before starting using the campervan after storage, check all gas appliances and electrical points.

**ⓘ Note:** Preferably not less than once a year, the electrical installation should be inspected and tested by a qualified electrician.

After storage it is advisable to air the Campervan and clean throughout, especially cooking appliances and the refrigerator.

Replace the bedding if they were removed for storage.

**⚠ CAUTION:** Always follow the manufacturers recommended procedures after use of fitted equipment in the Campervan, before storing for any length of time.

## 10.2 General care

**For care of the vehicle battery please refer to the Ford handbook in section 'Trouble Shooting'.**

All moving parts should be checked for free operation.

Clean all cooking appliances and refrigerator. Lubrication should be carried out at the points illustrated in the general notes on chassis maintenance.

Charge up the on-board battery every 2 months.

Leave the refrigerator door open. Leave furniture doors and lockers open to allow air to circulate fully.

### Modifications - DIY work

Owners need to be aware that carrying out DIY modifications to your campervan may in certain instances, invalidate the warranty cover and could also affect the safety and structure of the vehicle.

**CAUTION:** WD40 is not recommended for external or internal use

### WD40 attacks paintwork and sealants

If a lubricant is required for Interior hinges, Sliding door tracks, Bottle box hinges, Exterior door hinges, Plastic tracking etc. We recommend "Ambersil 40+" this is readily available from most DIY/Automotive retailers including Halford's.

Before carrying out any DIY work within the warranty period, please check with your nearest dealer or contact Supercare customer services on 01482 875740 for advice.

### Paintwork

Proper care involves washing the campervan regularly with a mild detergent rinsing with cold water and leathering off. A good quality, similar coloured car wax may also be applied which will make washing even easier.

**CAUTION:** Do not use abrasive-cleaning agents, on the exterior of your campervan. Stubborn stains may be removed using a soft cloth and mild detergent.

**CAUTION:** Overzealous use of detergents may loosen the decals and / or badges.

## Cleaning Windows

Wash down as you would your car. Do not use a sponge on dirty windows. When all the dirt has been removed, dry with a leather or similar type of cloth. The catches and stays do not require lubricating.

### Removing Tar

Use a proprietary tar remover on your double glazed windows; (available from most leading car accessory or do-it-yourself shops). Do not use petrol or other chemicals.

**CAUTION:** The use of a pressure washer on the exterior of your campervan is not recommended as this may damage decals fitted to the vehicle.

## 10.3 Condensation

### What is condensation

Condensation is the process of change of water from its gaseous form (water vapour) into liquid water when it comes into contact with a surface that is cold. Condensation generally occurs when warm air cools quickly and loses its capacity to hold water vapour, and as a result water vapour condenses to form droplets.

### Why condensation occurs

Condensation occurs when warm moist air meets a cold surface. The level of condensation will depend upon humidity levels, how moist the air is and how cold the surfaces are they come into contact with.

If the temperature falls below the dew point temperature, it is quite normal for condensation to occur on any material within the campervan that is cold, for example the external walls, plastic windows etc.

### When condensation occurs

Condensation occurs usually in winter months, because ambient temperatures are colder (leading to cold surfaces) and windows and roof vents are opened less so the moist air cannot escape.

### Where condensation occurs

Condensation will occur where warm moist air is put into the atmosphere in areas such as in bathrooms (during showering) and in kitchen areas (during cooking).

In the enclosed space of a campervan, the moist air from the kitchen will inevitably transfer to the rest of the vehicle, which in turn condenses on cold surfaces leading to visible water droplets.

This issue is compounded by warm moist air being generated from normal breathing. Condensation will also form in cold areas where air movement and ventilation is restricted (e.g. cupboards, wardrobes, under beds, etc.)

### What is important

It is important to provide ventilation and air flow, so that warm moist air can escape, or be externally cooled, and to use the heating reasonably by not making the campervan too warm such that people perspire, as this will only serve to generate more moist air and therefore more condensation.

However, in particularly cold periods, where the external ambient temperatures are low, condensation may still form on external walls as the insulation levels may well not be thermally able to cope with the difference between the internal and external temperatures.

### How can you prevent condensation

#### Provide ventilation so that moist air can escape.

- a. Good ventilation of the vehicle when cooking or when drying clothes, footwear or pets is essential. Observe when windows begin to show signs of misting and increase ventilation by opening a window slightly by 1 cm or opening a roof vent, as these will help, but keep the habitation door closed as much as possible to retain heat.
- b. If drying damp clothes or towels, open a window to ventilate the area and allow the moist air to escape.
- c. Try to make sure that the campervan is partially heated. It can take a long time for a cold campervan to warm up, so it is better to have a small amount of heat for a long period than a lot of heat for a short time.
- d. Fixed ventilation is provided in the vehicle, specifically through high level vents within the skylights and low level vents through the floor, it is important not to block these.
- e. Electrical heating is dryer than gas heating, and introduces less moisture into the atmosphere. Do not use additional portable paraffin or flue-less gas heaters at all.
- f. If left unoccupied and unheated for long periods of time the temperatures can soak down thermally into the entire product and become very cold. Whenever possible, put the heating on at a low level before use by pre heating in cold weather.

- g. Even with reasonable ventilation it is likely if the temperature is less than 5oC and the humidity is high that condensation will occur. Ideally the temperature should be kept about 20oC when occupied.

### Mould Growth

Any sign of mould growth is an indication of the presence of moisture and if caused by condensation gives warning that heating or ventilation may require improving.

### New vehicles

New products take a long time before they are fully 'dried out' because of the moisture in the materials used during manufacture. While this is happening extra heat and ventilation will be required.

## 10.4 Changing Exterior Bulbs

### ALWAYS REPLACE LIKE FOR LIKE

For individual replacement bulb specification, refer to your base vehicle Handbook.

[https://www.fordservicecontent.com/Ford\\_Content/Catalog/owner\\_information/CG3900en-202102-20210224095707.pdf](https://www.fordservicecontent.com/Ford_Content/Catalog/owner_information/CG3900en-202102-20210224095707.pdf)



### Rear Road Light Clusters

Bulb access is from the rear of the cluster. Please see the Ford handbook for specific details of the clusters and individual lights contained within them.

The rear road light clusters are secured to the rear of the campervan via nuts located on the rear of the cluster. To access these fixing nuts, internal covers must be removed.

Access points are covered. Nearside will be covered by a panel a Philips screw driver will be required to gain access.

The Off side Lights are accessed through the rear Gas bottle box through an access panel

## 10.5 Interior

Follow these guidelines to ensure your investment is receiving the very best attention.

### Floor

A simple wipe over with a damp cloth and a very mild detergent is all that is needed.

### Soft Furnishings

Should be vacuumed occasionally to remove grit and sand and help to keep its smart appearance and ensure long life. The upholstery can be cleaned with a mild, reputable upholstery cleaner. It is recommended that the curtains and pelmets are specialist cleaned only. The foam used in cushions are manufactured to meet fire regulations. It requires time to return to its normal position after prolonged use.

Clean and dust the upholstery and if possible remove before placing the Campervan into winter storage. Alternatively, stand the cushions on their edges to allow circulation of air. This will reduce the possibility of dampness from condensation. Keep curtains or blinds closed, to minimise fading of furniture.

### Leather care

- Leather furniture, if fitted in your vehicle, requires little maintenance. Regular care of leather does ensure its lasting quality and some general rules for regular cleaning and maintenance are:
- Clean the leather with a soft damp cloth taking care not to soak the leather
- For a more thorough clean, use the Bridge of Weir Leather cleaning and protection kit available directly from the distribution centre
- Do not use saddle soap, wax polishes or spray polishes
- Do not use any product or any method of cleaning not recommended by the manufacturer
- Avoid letting buckles, studs and zips come into any direct contact with the furniture
- Avoid drying out the leather by taking extra care where there is heating or blown air outlets

### Work Surfaces

You should not stand very hot items on any of the work surfaces.

### Cupboard Catches

It is advisable to lightly oil all cupboard catches, sliding bolts and hinges from time to time.

### Furniture

A simple wipe over with a damp cloth should be all that is required. Polishing with a proprietary brand of wax polish enhances and maintains furniture in showroom condition.

It must be remembered that because the frames of some doors are made of ash, which is a natural product, they can be affected by temperature and humidity and may bow under certain conditions. As conditions change they should revert to their original positions.

### Kitchen Drainer and Cutting Board

You should not stand hot items on to these items. To wash use only warm soapy water, do not use chemicals and bleach.

## 10.6 Care instructions for the roof and tent

### Interior Paneling

The interior paneling can be cleaned with warm water and a little neutral detergent or soap, - DO NOT use cleaning agents containing alcohol or benzene for cleaning paneling inside the vehicle. The plastic paneling could be discoloured and become brittle.

### For pop-top roof version

In order to prevent the formation of condensate and mould stains the pop-top roof must be vented regularly. It should only be closed when it is completely dry.

If you cannot avoid closing the roof while it is still wet you should erect it as soon as possible after that until the canvas has completely dried.

If you do not use the pop-top roof for an extended period of time, e.g. during winter, remove the bed cushions or raise the roof once in a while.

Joints, hinges and locking mechanism, of the pop-top roof should be oiled very lightly or sprayed with a non-greasing lubricant in regular intervals. Wipe off any excess lubricant immediately to avoid stains on the bed.

## 10.7 Vehicle care - exterior

### Diesel Space heater

The housing of the underfloor heater is treated with surface protection at the factory. However, since it cannot be excluded that the protective layer is damaged when driving you should inspect the housing at regular intervals and have it repaired, if necessary.

The housing can be retouched with common corrosion inhibitors used for the vehicle's underbody.

Switch on the space heating for about 10 minutes once a month outside the heating system.

### Canvas

(only for the pop-top roof) Clean the canvas with a damp piece of microfiber cloth.

It must not be cleaned with detergent.

Detergents would wash out the impregnation of the cotton material and would render the canvas permeable.

### Decorative strips and lettering

The decorative strips and lettering on the outside of the vehicle must not be cleaned with high-pressure cleaners as they could detach or damage these decorations.

## 10.8 Changing interior light fittings

The light fittings in your campervan are LED, with no user serviceable parts. In the unlikely event of failure of one of these lamps, the entire lamp will need to be replaced - several types of LED lights are intended for semi-permanent installations using self adhesive mounts etc., and dealer assistance may be required should damage or other need for replacement occur.

## 10.9 Caring for the environment

After many years of service you may decide that your campervan has become beyond economic repair and should be disposed of. Please ensure that you comply with the end of life vehicle legislation and take it to an authorised treatment facility where it will be properly dealt with to minimise any negative environmental impact. The transaction will be logged at the DVLA, identifying that you are no longer the owner of the vehicle.



## 11. Technical information

11.1 Specification .....	86
11.2 Water Tank Capacities .....	88
11.3 LPG Tank Capacity .....	88
11.4 Campervan Towing Capabilities .....	89
11.5 Jacking Points .....	89
11.6 Consumer circuits floor with heater .....	90
11.7 Power circuits .....	91
11.8 Consumer circuits roof .....	92
11.9 230V circuits .....	93
11.10 Cable colour chart .....	94

## 11.1 Specification

Model	Monza & Dealer Specials
Roof Profile	Campervan
Engine Power	130 PS
Engine Capacity	2.0L
Chassis	Ford Tourneo Custom
Wheel base	2.93m / 9'7"
Designated Passenger Seats excluding Driver	4
Berths (sleeping positions)	4
Overall Length (no ladder)	4.97m / 16'4"
Overall Width	2.03m / 6'8"
Overall Width (mirrors folded)	2.03m / 6'8"
Overall Width (mirrors extended)	2.27m / 7'5"
Overall Height (Pop up roof down)	2.12m / 6'11"
Maximum Technical Permissible Laden Mass (A)	3190kg
Mass in Running Order (B)	2709kg
Maximum User Payload (A-B)	481kg
Unladen Weight	2570kg
Essential Habitation Equipment	0kg
<b>Bed Sizes</b>	
Rock & Roll Bed	2.05m x 1.11m / 6'9" x 3'8"
Roof Bed	1.89m x 1.10m / 6'2" x 3'7"

### Notes:

1. The Maximum User Payload includes:  
 Conventional load (this is the allowance for passengers)  
 Essential habitation equipment (items and fluids required for safe and proper functioning of habitation equipment)  
 Optional equipment (items available from the manufacturer over and above the standard specification)  
 Personal effects (those items not covered by the above)

2. The Mass in Running Order is the mass of the unladen vehicle including a 75kg allowance for the driver plus engine coolants and 90% of the fuel tank and 1 x 6kg Calor Lite LPG cylinder.  
 3. The Mass in Running Order is calculated with the fresh water tank empty. If you travel with water in the fresh water tank then the payload will reduce accordingly.

Monza & Dealer Specials	Monza & Dealer Specials
Campervan	Campervan
130 PS AUTO	170 PS AUTO
2.0L	2.0L
Ford Tourneo Custom	Ford Tourneo Custom
2.93m / 9'7"	2.93m / 9'7"
4	4
4	4
4.97m / 16'4"	4.97m / 16'4"
2.03m / 6'8"	2.03m / 6'8"
2.03m / 6'8"	2.03m / 6'8"
2.27m / 7'5"	2.27m / 7'5"
2.12m / 6'11"	2.12m / 6'11"
3240kg	3240kg
2762kg	2762kg
478kg	478kg
2623kg	2623kg
0kg	0kg
2.05m x 1.11m / 6'9" x 3'8"	2.05m x 1.11m / 6'9" x 3'8"
1.89m x 1.10m / 6'2" x 3'7"	1.89m x 1.10m / 6'2" x 3'7"

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

4. **⚠️ WARNING:** - UNDER NO CIRCUMSTANCES SHOULD THE MAXIMUM TECHNICAL PERMISSIBLE LADEN MASS OF THIS CAMPERVAN BE EXCEEDED.

Notes for options:

The payload that can be carried will reduce by the mass of the options selected.

## 11.2 Water Tank Capacities

Fresh Water Tank	Waste Water Tank
40 litre	40 litre

## 11.3 LPG Tank Capacity

Capacity
1 x 7kg

**Note:** For technical data on the base vehicle please refer to the manufacturer's handbook.

## 11.4 Campervan Towing Capabilities

Model	MTPLM	Permissible Front Axle Load	Permissible Rear Axle Load	Recommended Maximum Trailer Weight	Gross Train Weight
Monza & Dealer Specials manual gearbox	3190kg	1625kg	1640kg	2150kg #	5190kg
Monza & Dealer Specials auto gearbox	3240kg	1675kg	1640kg	1150kg #	4240kg

Please note that the additional weight of the tow bar and trailer nose weight increases the rear axle loading of the motor home so care should be taken that the rear axle load is not exceeded when towing.

To ensure adequate road holding, the load on the front axle, under all conditions, must not be less than 40% or more than 70% of the total weight.

Care must be taken when distributing loads. The loadings and weights above are maximums and must not be exceeded under any circumstances.

**⚠ CAUTION:** When fitting a towbar, it must meet certain minimum requirements as specified by Type Approval Regulations. The bar will have marked on it the approval standard (94/20/EC or 55R ECE) and the maximum download, or noseweight, that it can accept. It must fit the manufacturer's approved mounting points and must not obscure the towing vehicle's number plate.

# The maximum trailer weight is limited by the gross train weight which must not be exceeded.

For example, on the manual versions with the maximum MTPLM of 3190kg, the maximum trailer weight possible is 2000kg. Reducing the weight of the vehicle by removing payload, will allow you to increase the trailer weight up to a maximum of 2150kg.

To ensure adequate road holding, the load on the front axle, under all conditions must be not less than 40% or more than 70% of the total weight.

Care must be taken when distributing loads. The loadings above are maximum loadings and must not be exceeded under any circumstances.

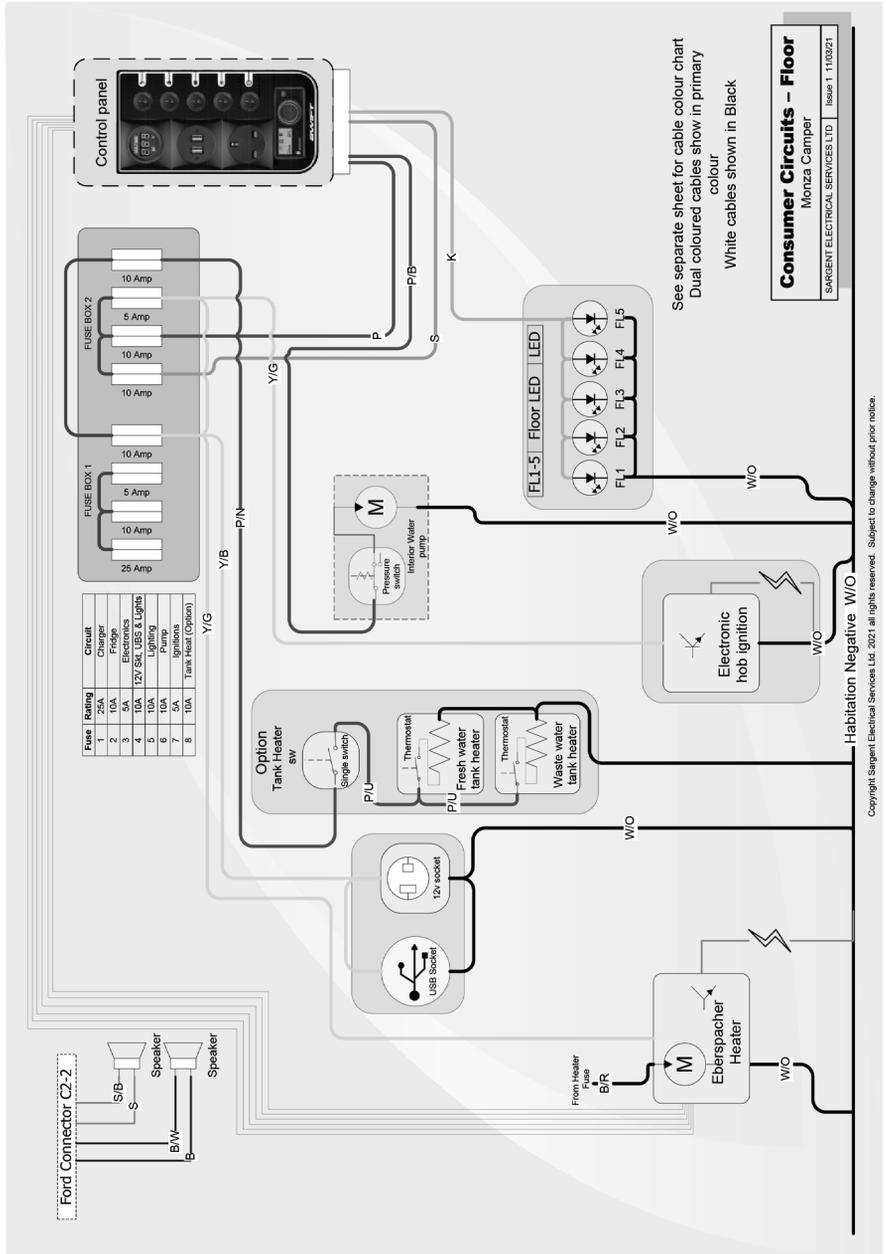
## 11.5 Jacking Points

For Jacking points refer to Ford handbook.

[https://www.fordservicecontent.com/Ford\\_Content/Catalog/owner\\_information/CG3900en-202102-20210224095707.pdf](https://www.fordservicecontent.com/Ford_Content/Catalog/owner_information/CG3900en-202102-20210224095707.pdf)



# 11.6 Consumer circuits floor with heater



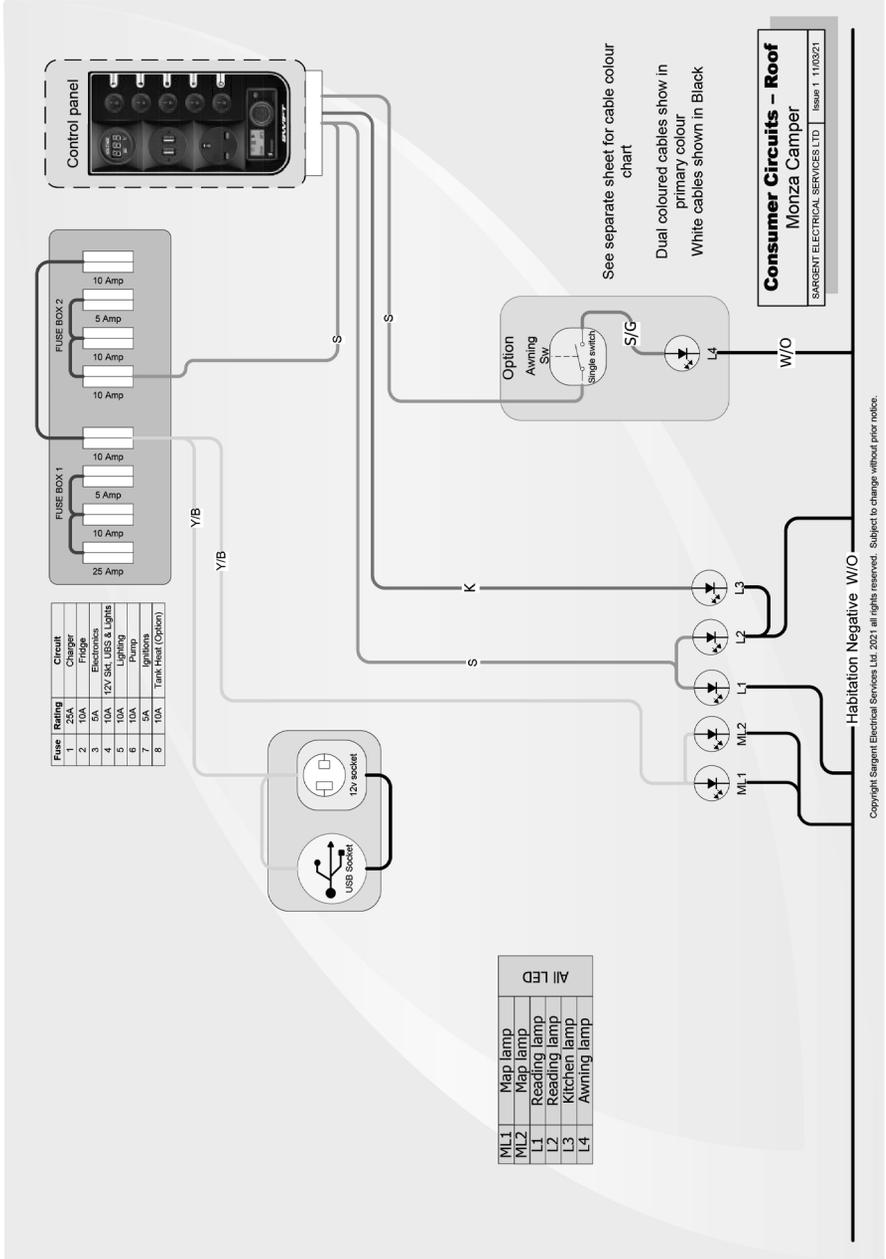
See separate sheet for cable colour chart  
 Dual coloured cables show in primary colour  
 White cables shown in Black

**Consumer Circuits – Floor**  
 Monza Camper  
 SARGENT ELECTRICAL SERVICES LTD Issue 1 11/03/21

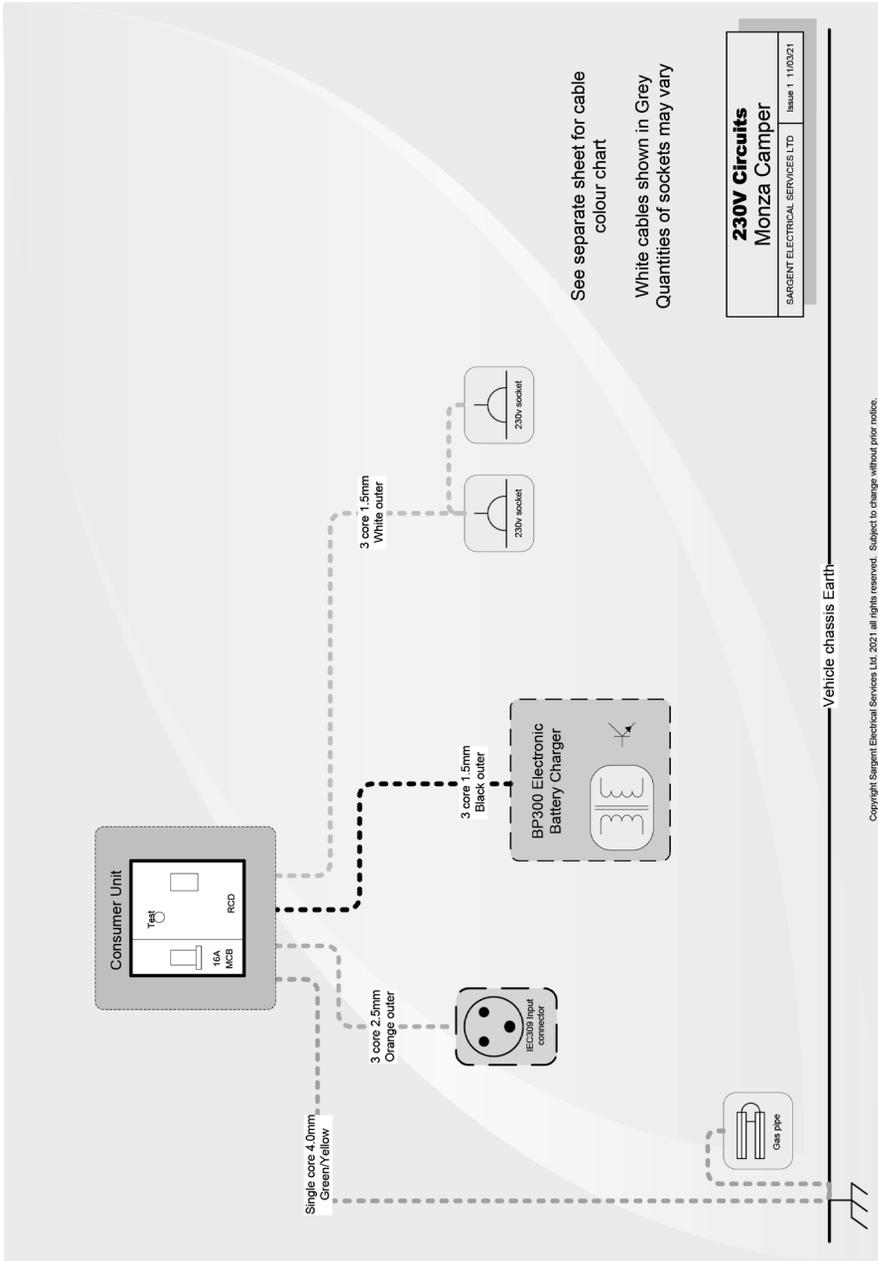
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# 11.8 Consumer circuits roof



# 11.9 230V circuits



See separate sheet for cable colour chart

White cables shown in Grey  
Quantities of sockets may vary

<b>230V Circuits</b>	
<b>Monza Camper</b>	
SARGENT ELECTRICAL SERVICES LTD	Issue 1 11/03/21

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# 11.10 Cable colour chart

**Cable Colour Chart**  
 Swift Group  
 SARGENT ELECTRICAL SERVICES LTD Issue 1 11/03/21

Example .....  
  
**Y/U** Yellow cable with Blue stripe

## 12V Cable Colours

<b>B</b>	BLACK
<b>N</b>	BROWN
<b>R</b>	RED
<b>O</b>	ORANGE
<b>Y</b>	YELLOW
<b>G</b>	GREEN
<b>U</b>	BLUE
<b>P</b>	PURPLE
<b>S</b>	SLATE GREY
<b>W</b>	WHITE
<b>K</b>	PINK

## 230V Cable Colours

<b>B</b>	BLACK
<b>N</b>	BROWN
<b>W</b>	WHITE
<b>O</b>	ORANGE
<b>Y</b>	YELLOW
<b>G</b>	GREEN
<b>U</b>	BLUE

## 12. Useful information

12.1 Owners club .....	96
12.2 Spares and after sales customer service .....	96
12.3 Repair facilities .....	96
12.4 Caravan Clubs .....	97
12.5 Motoring Associations .....	97
12.6 Trade Association .....	97
12.7 Index .....	98
12.8 Change of ownership .....	102

## 12.1 Owners club

The Owners Club is a completely independent organisation run for the benefit of the campervan owners. They have numerous rallies during the year in various parts of the country. Apart from the friendliness and companionship the Club generates it is also actively engaged in charity work for those less fortunate than ourselves. The address of the Secretary of the Owners Club can be obtained from the Swift Group website.

## 12.2 Spares and after sales customer service

A catalogue of spare parts are available through our Swift Group Dealer Network, from door catches through to sinks. Please note, all parts enquiries must be directed through any Swift approved dealership, as the Swift Group does not operate a direct retail service.

We endeavour to supply parts for vehicles up to 8 years old. If the original part is no longer available your dealer should be able to source a suitable alternative.

**Note:** Customers/dealers use the MH number to raise enquires. Please remember to quote chassis VIN (Vehicle Identification Number) when ordering any items from your dealer. This can be found at the bottom of the front windscreen or on the Ford and Swift plates on the left hand side front door pillar.

## 12.3 Repair facilities

Should you be unfortunate to encounter damage to your vehicle, we have a number of approved workshops and dealerships with workshop facilities to undertake such repairs.

Details of which can be found via our website: [www.swiftgroup.co.uk/find-a-dealer](http://www.swiftgroup.co.uk/find-a-dealer)

The enjoyment of motorhoming can be greatly enhanced by membership of one or more of the various campervan/caravanning, motoring and holiday clubs. Here are some useful addresses:

## 12.4 Caravan Clubs

### The Caravan Club,

East Grinstead House, East Grinstead  
West Sussex, RH19 IUA  
Tel: 01342 326944  
[www.caravanclub.co.uk](http://www.caravanclub.co.uk)

### The Camping and Caravanning Club,

Greenfields House,  
Westwood Way,  
Coventry,  
West Midlands.  
Tel: 0845 130 7631 or 024 7647 5448  
[www.campingandcaravanningclub.co.uk](http://www.campingandcaravanningclub.co.uk)

## 12.5 Motoring Associations

### Automobile Association (AA)

Fanum House,  
Basingstoke,  
Hants. RG1 2EA  
Tel: 08705 448866  
[www.theaa.co.uk](http://www.theaa.co.uk)  
e-mail: [customer.services@theaa.com](mailto:customer.services@theaa.com)

### RAC Motoring Services

RAC Motoring Services  
8 Surrey St  
Norwich Norfolk NR1 3NG  
Tel: 01922 437000  
[www.rac.co.uk](http://www.rac.co.uk)

### The Society of Motor Manufacturers and Traders Limited (SMMT)

Forbes House,  
Halkin Street,  
London SW1X 7DS  
Tel: 020 7235 7000  
[www.smmt.co.uk](http://www.smmt.co.uk)  
Green Flag  
Tel: 0845 246 1557  
[www.greenflag.com](http://www.greenflag.com)

### RBS Insurance

Churchill Court  
Westmoreland Road  
Bromley  
Kent BR1 1DP  
Tel: 0800 158 2493

## 12.6 Trade Association

### NCC

Catherine House,  
Victoria Road,  
Aldershot,  
Hampshire, GU11 1SS  
Tel: 01252 318251  
[www.thencc.org.uk](http://www.thencc.org.uk)  
[www.campervaninfo.co.uk](http://www.campervaninfo.co.uk) e-mail: [info@thencc.org.uk](mailto:info@thencc.org.uk)

## 12.7 Index

### Symbols

230V circuits .....	93
230V mains electrical equipment power consumption .....	51

### A

Advice on towing .....	24
Airbag .....	23
Annual service / inspection record .....	10
Arrival at site .....	33
Arrivals .....	14
Awnings and Tents .....	14, 34

### B

Base Vehicle Warranty .....	6
Battery power .....	61
Before moving off .....	18
Bench Seat .....	23
Butane .....	46

### C

Cable colour chart .....	94
Campervan battery .....	56
Campervan Care .....	77
Campervan code .....	13
Campervan Conversion Body Shell Warranty .....	6
Campervan Conversion Warranty .....	6
Campervan terms .....	18
Campervan Towing Capabilities .....	89
Camp Site Code of Conduct .....	14
Canvas .....	83
Caravan Clubs .....	97
Care instructions for the roof and tent .....	82
Care of laminate tops, tables, furniture and doors .....	72
Caring for the environment .....	83
Change of Ownership .....	8
Changing a gas cylinder .....	46
Changing interior light fittings .....	83
Children .....	31
Child seats .....	21

Cleaning water system .....	37
Cleaning Windows .....	80
CO alarm .....	31
Coastal code .....	16
Connecting cable wiring .....	52
Connecting services .....	35
Consumer circuits floor with heater .....	90
Consumer circuits roof .....	92
Consumer unit .....	58
Control and Power Supply System .....	57
Conventional Load .....	18
Country code .....	16
Cruise control .....	28
Cupboard Catches .....	82
Cylinder compartment .....	45

### D

Decorative strips and lettering .....	83
Dedicated travelling passenger seating .....	20
Departure .....	15
Diesel Space heater .....	83
Dogs and other Pets .....	14
Dometic 972 Toilet .....	71
Dometic Hob and Bowl .....	68
Driving .....	15
Driving licence .....	24

### E

Electrical Systems .....	55
Electronic Ignition Ho .....	69
En-route .....	27
Environment .....	16
Escape paths .....	30
Essential Habitation .....	19
European Touring .....	25
External BBQ point .....	48

### F

Factory fitted Solar Energy System .....	61
Fire Extinguisher .....	30
Fire Precautions .....	14
Fitted equipment .....	63
Floor .....	82

Fresh water system	39	Maximum Technically Permissible	
Furniture	82	Laden Mass	19
Furniture doors	72	Maximum User Payload	18
Fuse and relay assemblies	59	Modifications - DIY work	80
<b>G</b>		Motoring Associations	97
Gas	45	Mould Growth	81
Gas Cylinders/Bottles	70	<b>N</b>	
Gas fault finding	49	Noise	14
Gas Hoses	45	Nose weight on towed trailers	19
Gas safety advice	46	<b>O</b>	
Gas Schematic	44	Omnistep slide-out step	72
General care	80	Opening the sleeping roof	73
Generators	60	Optional Equipment	19
Getting to know EasyStart Pro	64	Overseas connection	50
Gross Train Weight	19	Owners club	96
<b>H</b>		<b>P</b>	
Handbooks (Chassis & Converter)	15	Paintwork	80
Height-based seats	22	Parking	15
<b>I</b>		Parking sensors	28
In case of fire	30	Passenger seat fusing	59
Interior	82	Personal Effects	18
Interior Paneling	82	Positioning the campervan	34
ISOFIX CHILD RESTRAINT POSITION		Power circuits	91
INFORMATION	22	Preparing for the road	17
ISOFIX Child Seat Restraint	21	Priming the Water System	37
<b>J</b>		Propane	46
Jacking Points	89	PX300 Charger	59
<b>K</b>		<b>R</b>	
Kitchen Drainer and Cutting Board	82	Rear Road Light Clusters	81
<b>L</b>		Recomissioning the Water System	79
Large storage areas	20	Refrigerator	67
Leather care	82	Regulator operation	61
Levelling the campervan	34	Relay Assemblies	60
Loading of vehicle	19	Removing Tar	80
LPG Tank Capacity	88	Repair facilities	96
<b>M</b>		Rock and roll rear bed	76
Manual Ignition Hob	69	<b>S</b>	
Mass in Running Order	18	Safety and security	29
		Seat belts and legislation	21

Security .....	32	Weight-based seats .....	22
Selecting a pitch .....	34	Wild camping .....	15
Smoke Alarm Operation .....	30	Winterisation .....	78
Soft Furnishings .....	82	Work Surfaces .....	82
Spares and after sales customer service ...	96		
Spare wheel .....	28		
Specification .....	86		
SuperSure Warranty .....	6		
Supplier contacts .....	9		
Swift Connect Direct .....	8		
Swivel seats .....	72		
<b>T</b>			
Table storage .....	72		
Tank heaters .....	40		
Technical Data & Approvals .....	60		
Technical information .....	85		
The electrical system .....	50		
The External Shower Point .....	37		
Thermal insulation heating .....	49		
Three point seat belts .....	23		
Types of gas .....	46		
Typical appliance consumption .....	53		
Tyres .....	20		
<b>U</b>			
Useful information .....	95		
Use of Site Appliances .....	14		
<b>V</b>			
Vehicle care - exterior .....	83		
Vehicle Movement .....	14		
Ventilation .....	31		
VIN (Vehicle identification Number) .....	32		
<b>W</b>			
Wardrobe fusing .....	59		
Warranty .....	5		
Waste Disposal .....	14		
Water fault finding .....	42		
Water system .....	36		
Water system schematic .....	36		
Water Tank Capacities .....	88		
WD40 attacks paintwork and sealants .....	80		



All Swift Group models have been certified by the NCC for compliance with stringent European Standards, British Legislation and industry SET Codes of Practice specifically relating to health and safety issues.

The approval process covers the testing and inspection of critical areas of the product from fire safety, weights and dimensions, to gas, electrics and ventilation. Every campervan carries the "NCC Approved Campervan" badge.

The NCC also conduct unannounced inspections at the Swift factory to ensure continued compliance. NCC Approval gives you peace of mind that your motorhome is legal and safe.

All Swift Group motorhomes are UK and European Whole Vehicle Type Approved.

This is your assurance that these campervans meet all European regulations, and have been constructed and conform to approved safety, environmental and manufacturing control standards.

## 12.8 Change of ownership

### Notification of change of ownership

As the new second hand owner, please notify the Swift Group of the change of ownership by completing the following page and sending it to:

Customer Services

Swift Group Limited,

Dunswell Road,

Cottingham,

East Yorkshire HU16 4JX.

**Note:** Warranties are only transferable providing the terms and conditions of the warranty have been met by the previous owner(s). Please see warranty information at the beginning of this handbook for full details. The 'Extended Body shell warranty' is a non-transferable warranty

<b>Details of campervan:</b>	Model:	
	Chassis No:	
<b>New owner:</b>	Name:	
	Address:	
	Email:	
	Telephone:	
	Mobile:	
	Date of purchase:	
<b>Previous Name: owner:</b>	Name:	
	Address:	
	Email:	
	Telephone:	
	Mobile:	
	Date of purchase:	







***SWIFT***

## **SWIFT GROUP**

Dunswell Road

Cottingham

East Yorkshire

HU16 4JX

**Tel:** 01482 875740

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### **Customer Experience Team**

[enquiries@swiftleisure.co.uk](mailto:enquiries@swiftleisure.co.uk)

FIND OUT MORE AT **SWIFTGROUP.CO.UK**