



OWNERS HANDBOOK

Spartan GT

AUTOHAUS USER MANUAL



Welcome to the Autohaus Family

Autohaus is a family run business, and we consider our staff and our customers to be part of our extended family. Based in Minehead Somerset we are not only at the gateway to Exmoor but are in easy reach of the

Quantocks and Brendon Hills. So, with our love of camping and the perfect location we are inspired and enthused by our surroundings to make the best campervans on the market.



'Autohaus' is Germanic name. We are an English company but believe our name and the quality of our product makes us stand out from the rest. So, thank you for choosing and allowing Autohaus, to build and supply you with your new Campervan.

The build of our campervans is inspected and audited by the Vehicle Certification Authority (VCA) and the National Caravan and Camping Club (NCC). We are also accredited ISO 9001.

Therefore, you can be assured that our campervans are converted to and meet the highest standards possible.

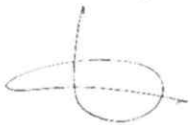
Before you drive off on your camping adventure, we strongly suggest you spend a little time reading the handbook and familiarising yourself with your vehicle. Don't forget to use this handbook in conjunction with the Volkswagen owner's manual.

A Little bit of prior preparation may help you to maximise the enjoyment you get from the vehicle, prevent problems and avoid the risks of injury. The details in the manual covers our GT Spartan range of vehicles. Your new Autohaus will come with several warning stickers which will also help to remind you of the correct way to operate the fixtures and fittings.

Autohaus campervans have being specifically designed to individual customer requirements. As a Leisure vehicle intended for recreation purposes, Autohaus accepts no liability if the campervan is altered or modified particularly if that affects its reliability or used for purposes other than that for which it was originally converted, for example business purposes or permanent habitation. If you follow the guidance provided in this

handbook and maintain your campervan in a road worthy condition, it is anticipated that you should enjoy many years of happy camping and get the most out of your campervan.

The market and supply situations are forever changing. This may prevent Autohaus from maintaining the exact specification details in this guide and as such we reserve the right to alter specifications and materials if conditions demand and supply an alternative. Given that Autohaus is one of the leading manufacturers of campervan conversions we believe that we offer our customers a service that is second to none. We will continue to build our campervans to the highest standard. We offer new and diverse products as and when they become available, continually improve our product, maintain our superb aftercare service, and ensure that we always strive to provide excellent support to all our customers. Something they have come to expect and something we believe they all deserve.

A handwritten signature in black ink, appearing to read 'Tony Payne'.

Tony Payne
Managing Director

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General

1. In the interest of safety, we recommend that you have an annual Habitation check which includes inspection of the campervan bodywork, windows, doors, fittings, systems and appliances.
2. Replacement parts for an appliance shall conform to the appliance manufacturer's specifications and should only be fitted by him or his authorized agent.
3. **NEVER** allow modification of electrical or LPG systems and appliances except by qualified persons. Care should be taken that any additional equipment or appliances are installed in accordance with the appliance/equipment manufacturers instructions (e. g. air conditioning, satellite dish, bicycle rack, fuel cells).
4. Before travelling you should ensure that heavy and/or voluminous items (e.g. TV, radio...) are stored securely. Turn off all gas appliances, except those heating appliances designed to function while the vehicle is in motion.
5. Your camper van is a road vehicle.

Electrical System

Your new camper is fitted with a split charge system which charges the 110Ah leisure battery when the engine is running. If fitted, the 100w Solar panel with regulator also always charges the leisure battery. This system is automatic, so you do not have to do anything.

When you are parked on site you can also plug into the 240v Mains. The hook-up is in one of the following locations (*depending upon customer preference*).

- Under the near side rear of your camper
(*Standard location as shown in photo*)

If your campervan is ordered directly from the factory, the hook-up can be placed in the following locations:

- Under the bonnet on the near side
- On the rear offside panel



Once you have connected your supplied hook-up cable to your campervan and plugged into mains post you are now ready to check your RCD.

RCD

The RCD (*Residual Current Device*) is located as shown below depending upon your model of campervan. **Check that all trips are in the UP position.**

GT Spartan



Bottom of Wardrobe

Your camper is now running on Mains power. This means that your camper's transformer charger is supplying and charging your Leisure Battery, Fridge and Lights. You can now also use the 2x double mains sockets supplied.



Your Camper has a built-in safety system so that none of the above can overload the systems fitted.

Leisure Battery

The 110Ah leisure battery is located under the driver seat and is maintenance free.

Control Panel

All campers' come with our simple to use control pane which controls all the 12v lights and appliances. There are two different versions so please choose the appropriate instructions below based upon the model fitted to your campervan

Control Panel Diagram



Master Switch

When pressed will switch power to all non-essential accessories. Holding down the master switch will cause the panel to shut down completely. & Down

1. Up & Down

Permits you scroll though the display menu.

2. Navigation Buttons

Use to enter selected options from the menu.

3. Lights Switch

Switches on the leisure lights (Some campers also come with a remote control for lights).

4. Pump

This turns on the pump.

5. Snow Flake

This turns on the fridge.

6. Display

Shows selected option.

Instructions for electricity supply

To Connect:

- Before connecting the campervan to the mains supply check that the supply available at the caravan pitch supply point is suitable for the campervan electrical installation and appliances.
- That the voltage, frequency and current ratings are suitable.
- That the campervan main switch is in the off position.
- Prior to use examine the supply flexible cable to ensure there is no visible damage or deterioration.
- Open the cover to the appliance inlet provided at the caravan supply point, if any, and insert the connector of the supply flexible cable.
- Raise the cover of the electricity outlet on the pitch supply point and insert the plug of the supply cable.
- The caravan supply flexible cable must be fully uncoiled to avoid damage by overheating.
- Switch on at the campervan main isolating switch
- Check the operation of residual current devices (RCDs) fitted to the campervan by pressing the test button(s)
- In case of any doubt or, if after carrying out the above procedure the supply does not become available, or if the supply fails, consult the caravan park operator or the operator's agent or a qualified electrician.

To disconnect:

- Switch off the campervan main isolating switch, unplug the cable first from the caravan pitch supply point and then from the campervan inlet connector.

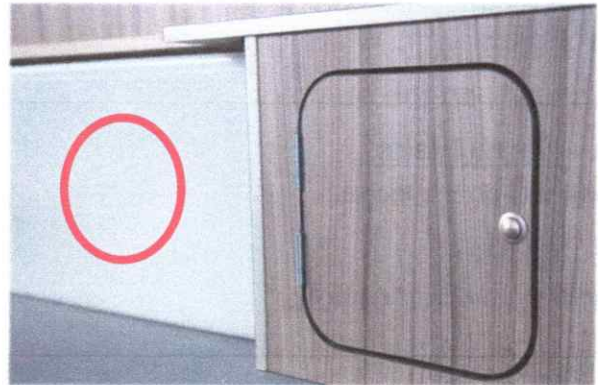
Periodic inspection

Preferably not less than once every three years and annually if the campervan is used frequently, the campervan electrical installation and supply cable should be inspected and tested and a report on the condition obtained as prescribed in BS 7671 Requirements for Electrical Installations

Water System

Your Camper comes with a 30 Litre freshwater tank and in-line pump which supplies cold water to the sink tap (*and beach shower if fitted*).

If your camper comes with a Diesel or Gas-Electric hot water system, they both work in the same way. When the pump is switched on the tap automatically operates the pump.
If hot water is fitted the temperature control will be located on the main Control Panel.



The electric step.

The electric step should only be extended when the vehicle is being used for habitation purposes. It should always be retracted before driving the vehicle. Step control button.



Water is refillable at the rear of each model.

- The Ashton and Spartan are on the off-side rear (next to the Gas Locker Box). You can see the water level in the tank as it is illuminated by a 12v LED light.
- The Camelot is refilled on the near side rear and has a water gauge.



It is recommended that the tank is sterilised periodically using a water treatment solution such as Puriclean

STANDARD GAS SYSTEM

Your campervan may be fitted with the New Autohaus Gas Locker Box, located at the rear of the vehicle, which houses a 907-camping gas bottle (not supplied). The new locker box meets the latest NCC regulations and includes bulkhead 30mb EN16129 regulator, isolation tap, retaining strap and drop vents.

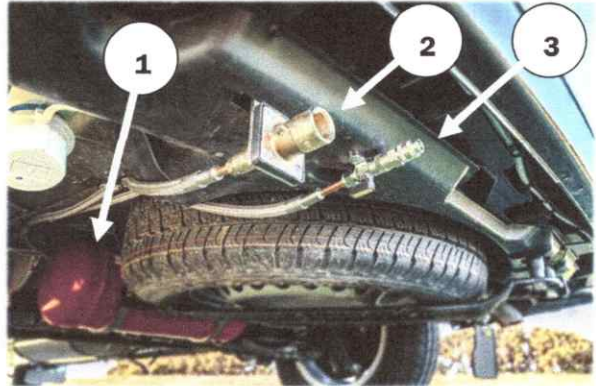


Gas vents are fitted in the base of the gas locker box. This must not be blocked or obstructed and must be accessible for cleaning

LPG SUPPLY

Externally mounted LPG tank (1), regulator, filling point (2) & BBQ point (3). The tank is located behind the spare wheel on the underside of the vehicle.

When this system is fitted the vehicle will normally come with a Propex HS2000 Hot Air Heater.



This system adheres to the following regulations:

ECE UN67R-01

Certificate Number E3-67R-0158416

ECE UN R6701

EC-87/01/03/M3

BS EN 624: 2000



The external LPG Tank and pipework must be inspected annually by a qualified gas fitter

Gas and gas appliances

1. Gas cylinder valves are of various designs depending on the type of cylinder and the use for which it is intended, and it is essential that the correct pressure regulator with the correct pressure setting and capacity for the installation is used in accordance with the manufacturer's instructions
2. Inspect flexible gas hose(s) regularly for deterioration and renew as necessary, with the approved type, in any case not later than the expiration date marked on the hose(s).
3. Propane and butane are stored in cylinders as liquids under pressure. When the pressure is released, i.e. when the cylinder valve is opened, the liquid boils and gas is evolved. Both gases are heavier than air and any leaking gas will tend to collect at a low level. The gas has a strong and unpleasant smell which enables leaks to be easily detected. The gas is highly flammable and a small quantity of gas in air can form an explosive mixture. Cylinders shall be used and stored always in a vertical position with the valve uppermost.
4. To avoid accidents the following fundamental advice should be carefully read before using gas appliances or changing gas cylinders.

- **Never** (and perhaps obvious) check for gas leaks with a naked flame.
- Always read and follow the user and maintenance instructions provided the manufacturers of gas equipment.
- Should any soot accumulate on pans, fire radiant, etc. or any smell be produced, consult a competent installer on the correct maintenance and adjustment of burners.
- Always turn off the gas cylinder valve(s) or inlet to the caravan or other dwelling when gas appliances are not in use.
- **Never** use gas appliances without adequate ventilation. All gas appliances require a plentiful supply of fresh air for correct operation.
- Fixed ventilators or air inlets should not be stopped up.

- Where practicable, turn off all appliances before retiring to bed, preferably at the cylinder or inlet to the caravan or other dwelling.
 -
 - Unless the appliance incorporates automatic ignition, when lighting an appliance always make sure you apply a lighted match or taper to the burner before turning on the gas.
 - If an appliance is disconnected for repair, maintenance, etc. ensure that the gas line is capped off.
 - If taps are stiff to operate or appear to be a source of leakage, call in a competent installer to rectify. LPG taps require a special grease.
 - Always seek advice when in doubt.
 - Flexible hoses and tubing should be regularly inspected and replaced when signs of cracking or other deterioration appears. After replacement ensure that the ends are well secured and leak tight.
 - Check the complete gas installation on a mobile caravan for soundness at least once per annum and as necessary according to usage.
 - All flue installations should be inspected, at least once a year, throughout their length for integrity of attachment, both to appliance and cowl, and for perforation due to damage or corrosion. Flues should be replaced if any sign of damage or perforation is found. It should be ensured that the replacement is of an approved type conforming to the recommendations of BS 5440-1.
 - Permanent ventilators in the living apartments and in the cylinder storage area should be checked to ensure that they are not obstructed.
4. When changing gas cylinders, the following procedure should be adopted.
- Extinguish any fire, flame or source of ignition (including cigarettes, pipes and pilot lights) before changing gas cylinders.
 - Wherever possible change gas cylinders in the open air.
 - Ensure that the gas cylinder valve(s) is/are closed before disconnecting any empty cylinder or before removing the plastics cap or plug on the outlet connection of the replacement cylinder. (Note. Left hand thread.)
 - Make firm gas-tight joints. Any leaking vapour will smell. If a leak is suspected after changing gas cylinders and opening valve, test by brushing with soapy water around the joints. Bubbles will form if vapour is leaking. Never use a naked flame.
 - Ensure that the replacement gas cylinder is the correct one for the installation.
 - Gas cylinder valves are of various designs depending on the type of cylinder and the use for which it is intended, and it is essential that the correct pressure regulator with the correct pressure setting and capacity for the installation is used in accordance with the manufacturer's instructions.

Fire

1. You should provide one dry powder fire extinguisher of an approved type or complying with EN 3-7 of at least 1 kg capacity by the main exit door, and a fire blanket next to the cooker. Familiarise yourself with the instructions on your fire extinguisher and the local fire precaution arrangements.
2. **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.
3. Do not leave children and other vulnerable people alone.
4. Keep combustible materials clear of all heating and cooking appliances.
5. Aerosols and highly flammable materials must not be stored in the compartment behind or adjacent to the heater.

6. In the event of a fire; Get everyone out of the vehicle; turn off outside gas valve and/or liquid fuel valve (if fitted) only if safe to do so; raise the alarm and call the fire brigade; fight the fire if safe to do so and you are competent in the use of the firefighting equipment you have available.

Alarms

Ensure that NCC approved Smoke and Carbon monoxide alarms are fitted and that these are functioning and tested regularly when the unit is in use.

Battery

1. Any replacement of an auxiliary battery shall be of the same type and specification as that originally fitted as specified by the manufacturer.

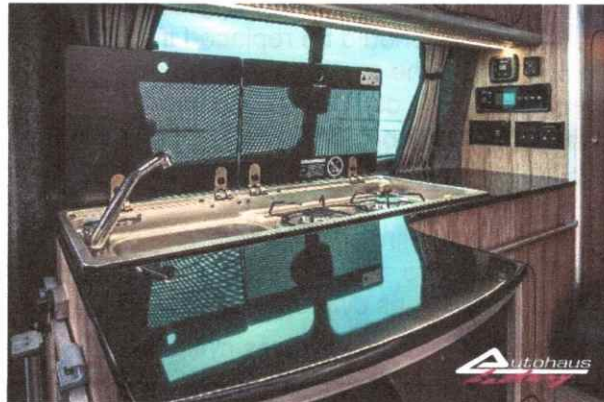
Kitchen Appliances

Your Camper comes with the following items as standard:

SMEV combination sink and hob



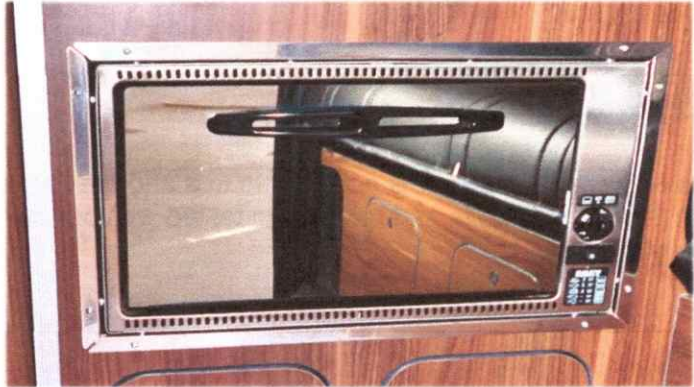
Gas Appliances must only be used when the Elevating Pop-Top Roof is open



50 Litre Compressor Fridge with freezer compartment



Optional extra if fitted:
SMEV 20 Litre Oven/Grill

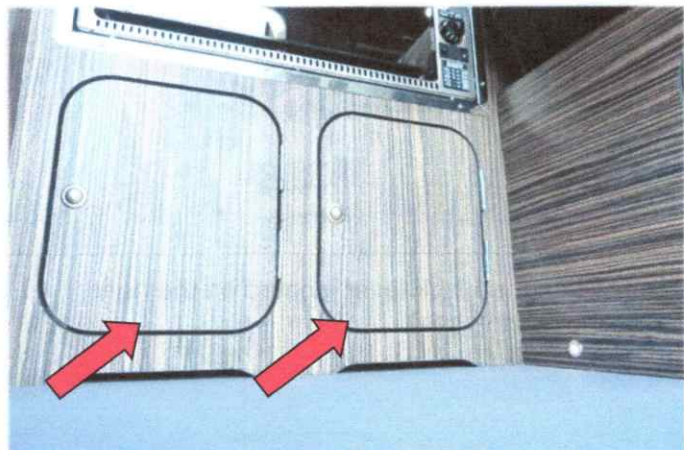


Furniture

The Furniture fitted to your camper is made from light weight furniture plywood and covered with high pressure foil laminate which is dry heat resistant (EN 438-2).



WARNING: The furniture has floor level ventilation which must not be blocked or obstructed.



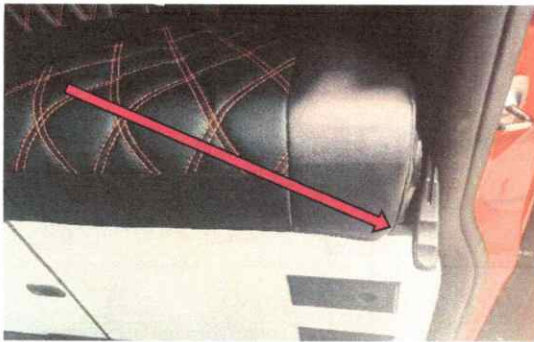
RIBB Seat-Bed

The RIB seat-bed systems are easy to use and are very comfortable to sleep on. They are fitted with 3-point seat belts and have been tested with our own fixing frames to ensure you and your family's safety.



To Make The Bed

1. Retract the headrests (if included)



2. Push the black lever located on the near side of the seat
3. Pull the back edge of the seat base towards you. *Note: if you let go of the lever the base will stop at any point.*

4. Flip the base over until it is horizontal and release the black lever



5. This will reveal a horizontal black bar. Pull this bar upwards and pull the seat back towards you until its horizontal.



6. The rear bed section has a black lever on the near side, like the front section. Pull this lever and lower it to a horizontal position.

7. To convert the bed back into a seat simply reverse the operations above.



Front Seats

The front seats on the Camelot both have swivels to allow the single rear seats to make up two 6ft beds. The single beds can also be pushed together to form a double. Only the Aston and Spartan have passenger front seats that swivel as standard.



When first fitted the seat swivels can be a little stiff. It may take a few attempts before the swivels operate more freely. It may take a bit of practice to learn the best technique.

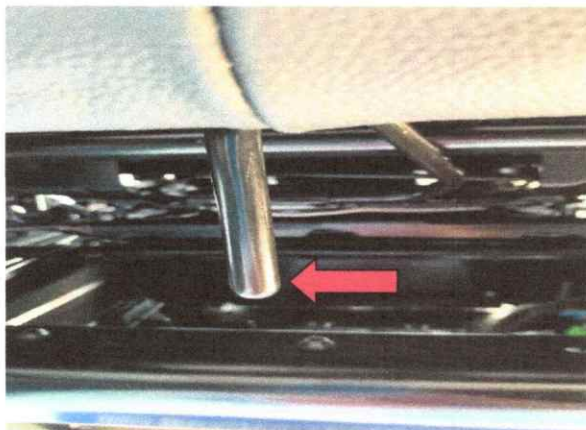
Using the Seat Swivels



Make sure the vehicle is turned off and then place into first gear.

1. When rotating the driver's seat, it is necessary to release the handbrake. After the handbrake has been released the vehicle may move slightly as it engages with the gear.

2. Raise the seat to its highest setting using the ratchet lever on the outside of the seat. This is necessary to give clearance over the seat base (and handbrake for the driver's seat)



3. The swivel release knob is located at the front at base. *(This may differ dependent on make of swivel base available at time of manufacture).*

4. Pull the knob to one side and simultaneously rotate the seat slightly

5. To fully rotate the seat you will need to adjust the backward/forward position of the seat. The slide release is located at the front of the seat base.

6. It may also be necessary to adjust the angle of the seat back to give clearance to the door frame

7. Once fully rotated the seat back and seat backward/forward positions can be adjusted for comfort.



Elevating Roof

All Autohaus Campers come with Reimo or SCA Elevating roofs (with the option of a roof bed).



Opening the Roof

1. Undo the straps from the inside of the roof:

Two straps are located at the front of the roof above the front seats

Reimo Roof Strap



SCA Roof Strap



2. To push the roof upwards stand at the elevating end (*fitted with two handles*) push the roof upwards.

Note: If all doors are shut it may require more effort to push the roof upwards as air is drawn into the cabin.



Closing the Roof

- Grasping the two handles and stand facing towards the hinges along the roof.
- Pull the roof down slowly allowing the air to escape from inside the cabin.
- Reattach the straps and ensure they are pulled firmly to secure the roof in place.
-



If you pull the roof down too fast the air will push the roof bag outwards which risks trapping the bag in the scissor hinge.

Do not drive the vehicle with the roof unsecured.

Caring for your Roof

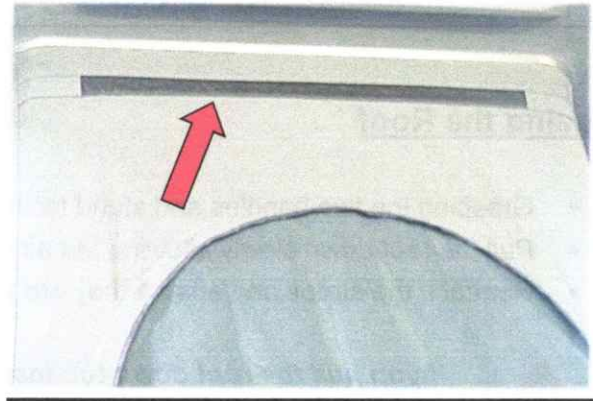
We recommend that customers take the following steps to ensure the safety and longevity of their roof.

1. If the fabric of your roof becomes wet, we recommend opening the roof and allowing the material to dry. Leaving the roof closed whilst wet may lead to mould growth or cause the material to perish.
2. We recommend occasionally applying a water repellent to the roof material to prevent the ingress of water or damage to the fabric. Water repellent can be purchased from your local motorhome or camping shop.
3. We would recommend that the roof should not be left open in strong winds as this could cause damage to the material or hinges.



regularly

The elevating roof comes with a top mesh vent that must not be blocked or obstructed. The roof vent must be vacuum cleaned



Safety

Roof beds

Upper bunks/roof beds are for sleeping only and should be used with protection against falling out when in use. Care needs to be taken when used by children especially under 6 years of age. They are not suitable for infants who are not supervised.

Ventilation

Make sure you do not obstruct any of the safety ventilation portals not even partially.



Wheels

The spare wheel is located underside at the rear of Camper.



Your model your wheel jack and brace are located as follows:

GT Spartan



Located in the rear of Camper on the near side wheel arch.



Customers should be aware that it is recommended that wheel nuts should be checked at regular intervals. We recommend checking after the first 40 miles as some settling may occur.

Masses

MTPLM = Maximum technically permissible laden mass and registration mass in kilograms.

MRO = Mass of the vehicle running order in kilograms.

MUP = Mass of the user payload in kilograms

MEHE = Mass of the essential habitation equipment in kilograms

MCLP = Mass of the conventional load passengers in Kilograms

MOE = Mass of the optional equipment in Kilograms

MPE = Mass of the personal effects in Kilograms

	<u>Spartan GT</u>
MTPLM	3000
MRO	2550
MUP	450
MEHE	70.92
MCLP	75
MOE	
MPE	200

Note:

Often referred to as the user's payload the weight available is the difference between the MTPLM and the MRO. You should not allow your campervan to exceed the MTPLM. When packing your campervan, you should adopt some general principals and ensure the correct distribution of the loads you carry. The MEHE is the calculation for fuel and gas. The MCLP on the chart is the weight allocation for the driver. The MPE is an estimate of personal affects. In order that you do not exceed the MTPLM the MUP, MEHE, MCLP, MOE and MPE should be added together.

To ensure you have the correct MPE you should consider passengers and pets and weigh all that is being carried in your vehicle that is not a permanent fixture. For example, optional equipment, and personal effects, sports equipment, sail boards etc. All items carried should be correctly stored in the vehicle compartments or in positions where the front and rear axle weight is not exceeded. The axel weights can be found on the vehicles VIN plate.

Autohaus and Ford Warranty

The quality of an Autohaus campervan conversion is what sets our campervans apart from the rest. Our confidence in the quality of our build, which is approved and audited by the Vehicle Certification Agency, is such that we are able offer the best warranty currently on the market.

What the warranty includes.

1. Autohaus warranty

Autohaus offers a fantastic three-year warranty on the workmanship of our campervan conversions. If you have a problem, we will always have one of our qualified technicians try and resolve the issue with you over the telephone. If the issue cannot be resolved then the

vehicle must be returned to the factory where, we will rectify the fault. Please note that the warranty is limited to the agreed repairs and does not cover travel costs and incidental expenses. Please refer to our website for full details. <https://autohaus.co.uk/warranty-terms-conditions/>

1. Parts and Appliances

Third party appliances and components, such as ovens, refrigerators, ovens etc are protected by the manufacture's standard 12-month warranty.

2. Ford Warranty

Your Ford warranty is still valid for 3 years for the reasons mentioned under item 3 above. Ford Assist is available for UK breakdown 0800111234 or when abroad 08800 8877611. Full details should be available in you Ford Handbook. If further help is required, it is recommended that you visit <https://www.vospers.com> . 01392 250141

Need Our Help?

This instruction manual hopefully covers the main technical aspects of your new campervan. If any of the instructions are unclear, or if you have any further questions, please do not hesitate to give us a call.

Tel: 01643 703283





Happy Camping!

From the Autohaus Team

Don't forget to visit us if your passing

Autohaus Factory
Vennlands Business Centre
Mart Road
Minehead
Somerset
TA24 5BJ
Info@autohause.co.uk
www.autohaus.co.uk

Colour	Code
Red	R
Blue	BLU
Orange	ORG
Yellow	YEL
Green/Black	G/BLK
Blue/Brown	BLU/BRN
Red/White	R/WHT
Blue/Yellow	BLU/YEL
Purple	PUR
Green/White	GRN/WHT
Red/Orange	R/ORG
Purple/White	PUR/WHT
Black	BLK
White	WHT
White/Brown	WHT/BRN

RANGE:

MOD SPARKION GT

Autotrans

240V SYSTEMS

EARTH

6 AMP

16 AMP

RCD

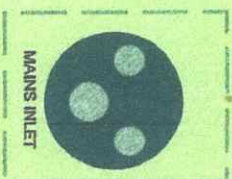
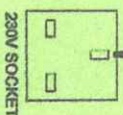
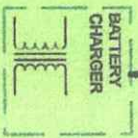
4.0mm
Green/Yellow
outer

3 core 1.5mm
Black outer

3 core 2.5mm
White outer

3 core 2.5mm
White outer

3 core 2.5mm
Orange outer



Vehicle chassis Earth

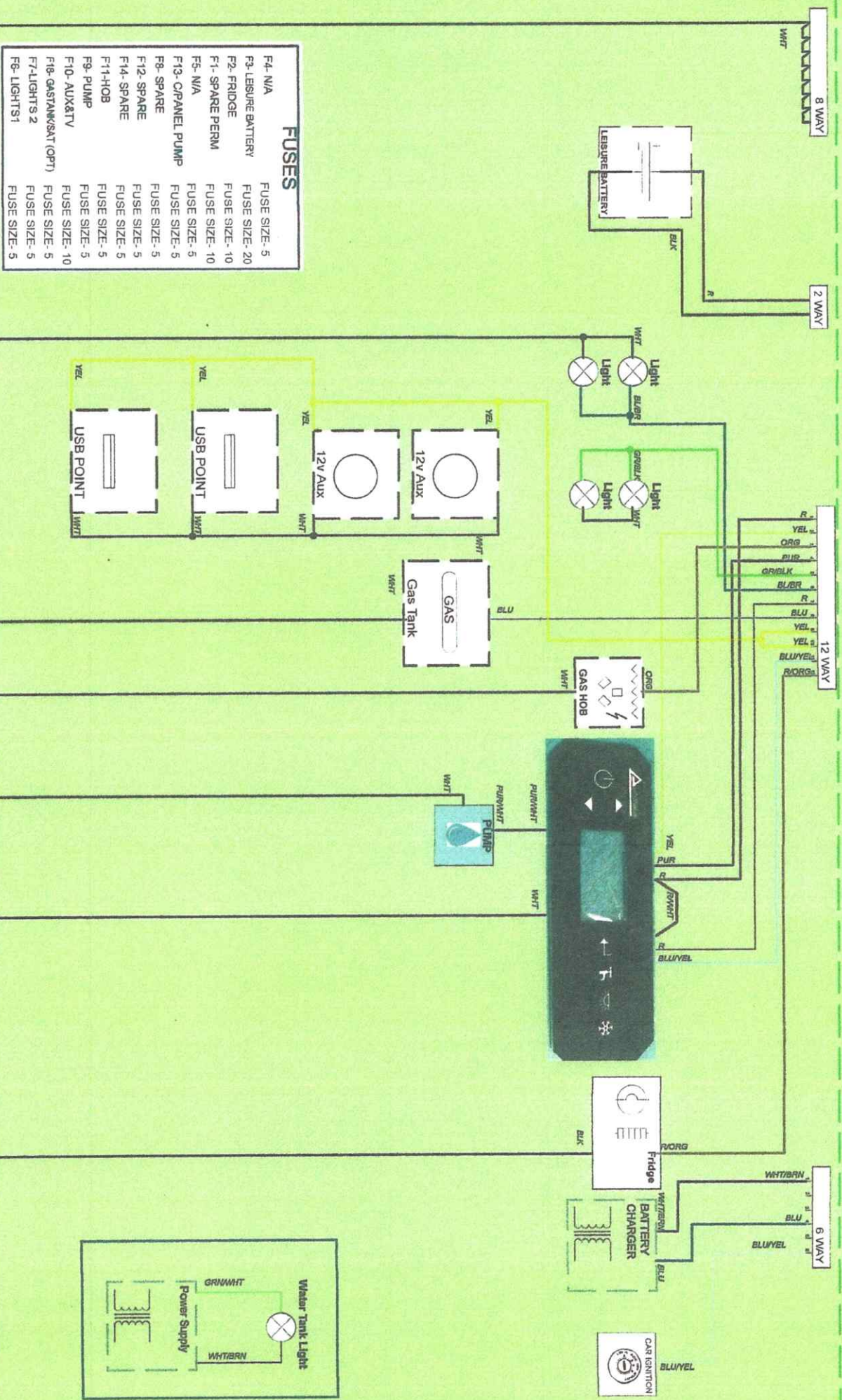


RANGE:

MODE **Straction GT**

Autonous

12V RELAY BOX



FUSES

F4- N/A	FUSE SIZE- 5
F3- LEISURE BATTERY	FUSE SIZE- 20
F2- FRIDGE	FUSE SIZE- 10
F1- SPARE PERM	FUSE SIZE- 10
F5- N/A	FUSE SIZE- 5
F3- C/PANEL PUMP	FUSE SIZE- 5
F9- SPARE	FUSE SIZE- 5
F12- SPARE	FUSE SIZE- 5
F14- SPARE	FUSE SIZE- 5
F11-HOB	FUSE SIZE- 5
F9- PUMP	FUSE SIZE- 5
F10- AUX&TV	FUSE SIZE- 10
F18- GAS TANK(SAT IOP)	FUSE SIZE- 5
F7-LIGHTS 2	FUSE SIZE- 5
F9- LIGHTS1	FUSE SIZE- 5

Habitation Neg WHT

RANGE:

MODEL:

3FACTIO-2-IT

Autohaus



SPARTAN GT

