



Conversion Instruction Manual

Edition 2017/18





Thank you for choosing Vanworx

Before using your vehicle for the first time, please read the information in this manual. It will help you become familiar with parts of your conversion and all of their functions as well as making you aware of potential dangers to yourself and others and how these dangers can be avoided.

If you have any further questions about your conversion, please get in touch with us and we will be happy to answer your questions.

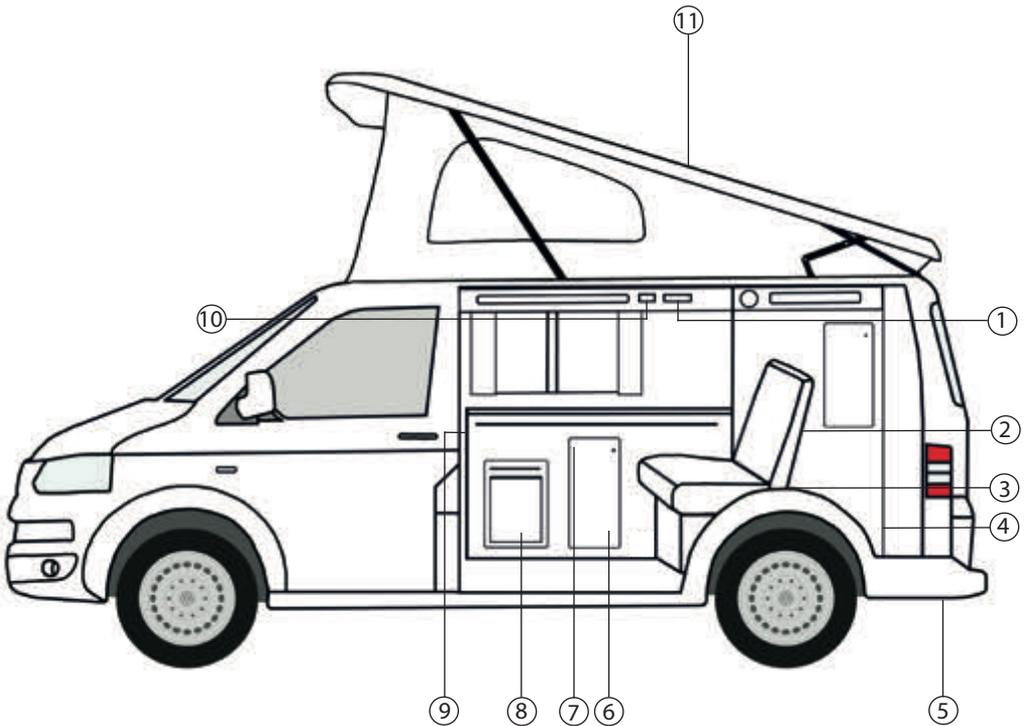
Remember, a cared for van is a happy and healthy van!

We hope you enjoy your conversion,

A handwritten signature in black ink, appearing to read "Dave", with a horizontal line underneath it.

Dave and the team at Vanworx.

Overview of Conversion



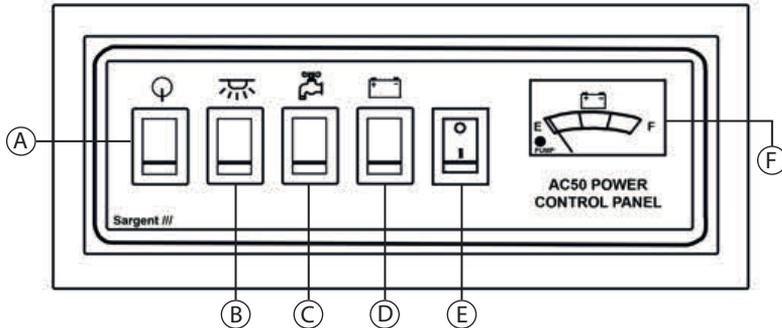
Contents	Page	Page	Page
① Sargent Panel	4	⑦ Gas Shut Off	6
② RIB Bed	8	⑧ Fridge	7
③ Gas Box & Key	6	⑨ Inverter Socket	4
④ Leisure Battery	5	⑩ Heater Control (Please revert to individual manuals for additional conversion extras)	
⑤ Hook Up	6	⑪ Reimo Elevating Roof	8
⑥ Water Pump	10		

⚠ If notes marked in *red* are not followed it may invalidate your warranty.

Sargent Panel (Slipper, Chesil & Westbay Conversions Only)

In the standard conversion, the Sargent Panel can be found on the top of the wardrobe unit next to the rear seats. This is the master control panel for the lights, water system, battery test, inverter and battery gauge.

⚠️ For safety reasons, when the vehicle engine is running the Sargent Panel will cease to operate.



A. Main Power

This switch is the main power for the other switches on the panel (except the inverter ⑤)
You must have this switched on in order for the other switches on the sargent panel and USB sockets to work.

B. Lights

This switch controls the entire lighting in the van. This needs to be on to enable you to control the individual lights by their own switches within the van. Spot lights, kitchen strip lights and mood lighting (where applicable) will have switches located in the B pillar as you open the sliding door. Flexi lights will have their own switch at the base of the light itself.

C. Water

This switch activates the water system, enabling the tap in the sink to work (see pg. 7)

D. Battery Test

Holding this switch down will indicate the leisure charge level on the gauge to the right ⑥

E. Inverter

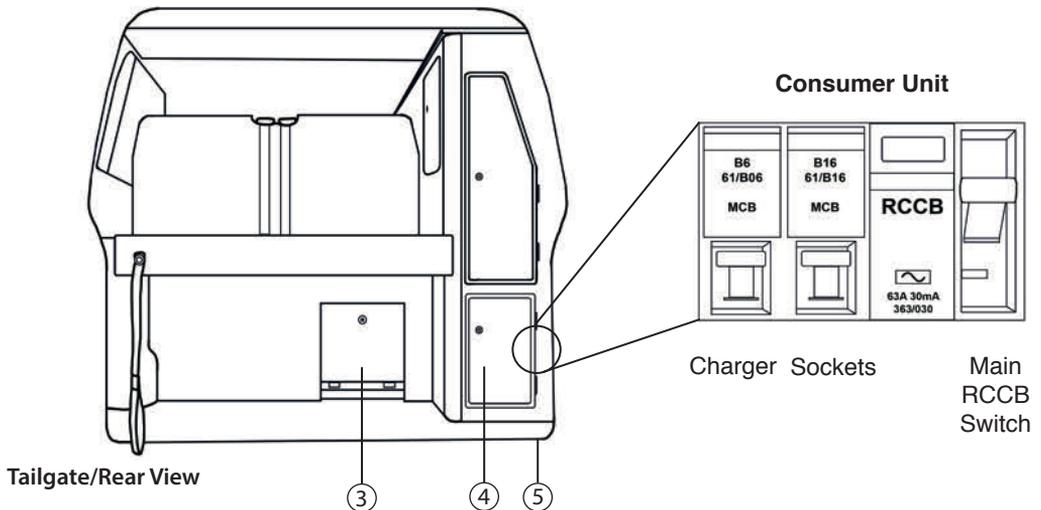
This switch allows the single socket (at the end of the kitchen cabinet, behind drivers seat) to be active. The inverter should only be on when the single socket is in use, if not, it will slowly drain the leisure battery. The single socket should only have items that have low wattage such as; phone, tablet or laptop chargers. Max 300 watts.

F. Battery Gauge

⚠️ We recommend keeping the use of the inverter to a minimum.

Chilli & Chilli + With these conversions there is no Sargent Panel. The individual elements are controlled using their own switches/controls or they are continuously running. As a result of this, the battery tester and gauge is located in the fuse panel under the RIB bed. LED lights on the tester unit indicate the level of the battery charge when pressing and holding the button. In these conversions the switch for the Inverter will be located in the kick plate next to the single socket (round rocker switch). The same instructions as above ⑤ apply for the single socket.

Leisure Battery



The leisure battery operates within a split charging system - the battery is charged whilst the engine is running and also when hooked up to the mains electrics. The battery ④ is located in the bottom right hand cupboard when viewing the van from the rear. It is located behind the fuse panel.

The leisure battery runs the following units:

- Fridge
- Lighting
- Heater (where applicable)
- Water Pump

Fuse Panel & Consumer Unit

The Fuse Panel and Consumer Unit are located in the lower cupboard when viewing the van from the boot/rear. In the unlikely event that an element of the conversion is not working, we advise to check the appropriate fuse first before doing anything else.

Chesil, Chilli & Chilli + In these conversions, the consumer unit and fuse panel are located under the RIB bed within the battery box.

Hook - Up

The hook-up socket ⑤ is located externally under the rear bumper on the right hand side of the van. When the van is hooked up, it will power the double socket (located at end of the cabinets, behind driver's seat) and also charges the leisure battery. The socket can then have any appliance plugged into them – kettle, toaster, hairdryer, etc. The socket will not work if the van is not hooked up to the mains.



We recommend hooking up the van every 1-2 months to ensure the leisure battery is sufficiently charged, even if you drive the van regularly.

Important Safety Notice: There should be no modifications to the electrical installation by any unqualified persons. Any replacement leisure battery must be installed by Vanworx or to the specification as originally fitted by Vanworx.

⚠ Warning: The external hook - up socket must be cleaned out periodically. Dirt can build up which will prevent the socket from working correctly.

Gas System

(Slipper, Chesil, Westbay & Chilli+ Conversions Only)

The gas tap is located in the cupboard below the hob. It is coloured red and is clearly visible. When the hob is not in use for prolonged periods, we recommend switching the gas off at the regulator (in the gas box ③).

The gas box ③ housing the gas bottle, is located under the RIB bed and is accessible from the rear of the vehicle using the key in the cupboard (to the right).

Chilli + With this conversion, the gas box is located under the hob in the kitchen pod.

Tip!

The gas boxes are designed to house the Camping Gaz 906/907 (these are available online or at most camping stores).

Important Safety Notice: Inspect flexible gas hose(s) in the van regularly for any deterioration and renew where required, with appropriate parts. This should be completed no later than the expiration date marked on the hose(s). There should be no modifications made to the gas installation by any unqualified persons. All gas appliances should be turned off whilst the vehicle is in motion. If gas is to leak, there will be a strong and unpleasant smell at a low level which will be easily detected. Control the leak and open any doorways to allow fresh air into the van. Always store the gas bottle in an upright position and secure it in place. Never check for gas leaks with a naked flame.

Waeco Fridges

(Slipper, Westbay, Chesil & Chilli+ Conversions Only)

The fridge ⑧ has a permanent 12V supply from the leisure battery which is switched on using the controls inside the fridge.

Prior to departing on a journey, we recommend turning the fridge to a mid-setting to allow enough time for the fridge to get to the temperature.

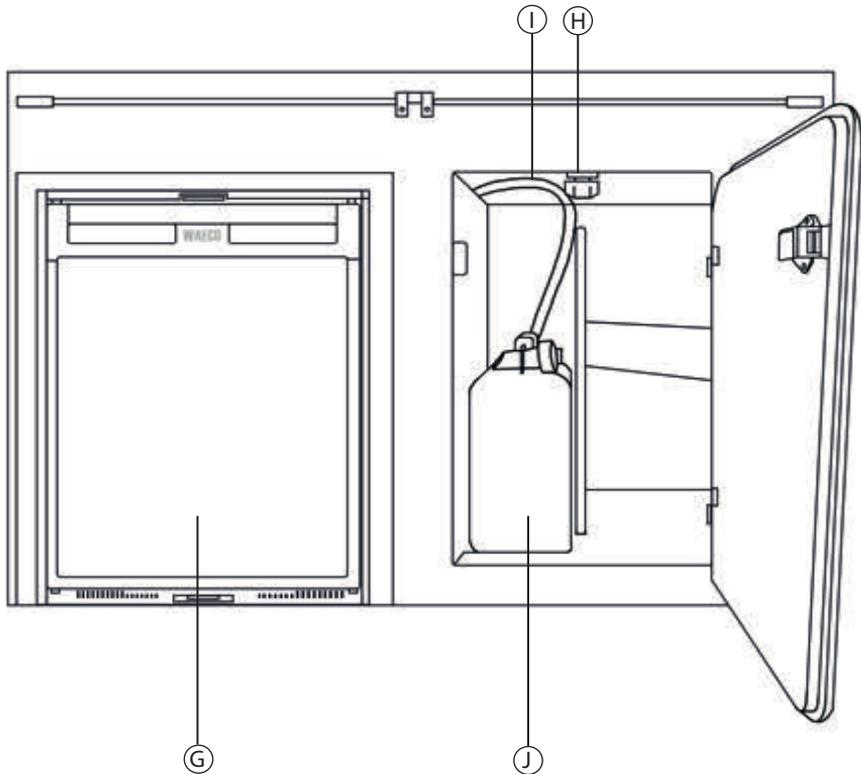
Chilli + In the standard Chilli+ conversion the Waeco fridge will be located under the RIB bed.

⚠ Warning: The lower settings on the fridge are adequate to keep the fridge contents chilled. Do not keep the fridge on the highest setting constantly as it will drain the leisure battery. To avoid draining the battery, please ensure that the fridge is switched off and left in the vent mode when not in use.

Water System & Sink

(Slipper, Chesil, Westbay & Chilli+ Conversions Only)

The water system can be activated by the switch on the sargent panel (pg. 4). The water storage bottle is located in the cupboard next to the fridge. To remove the bottle, unscrew the cap and remove the tap.



Ⓒ Waeco Fridge

Ⓗ Gas Shut Off

Ⓘ Hose

Ⓙ Water Storage Bottle

Chilli + With this conversion, the water system is located under the hob in the kitchen pod.



Tip!

Regular cleaning of the tap head will prevent build-up of scale which can lead to the tap running slowly.



We recommend keeping the pump switched off when not in use as water can dispense from the tap when not fully switched off.

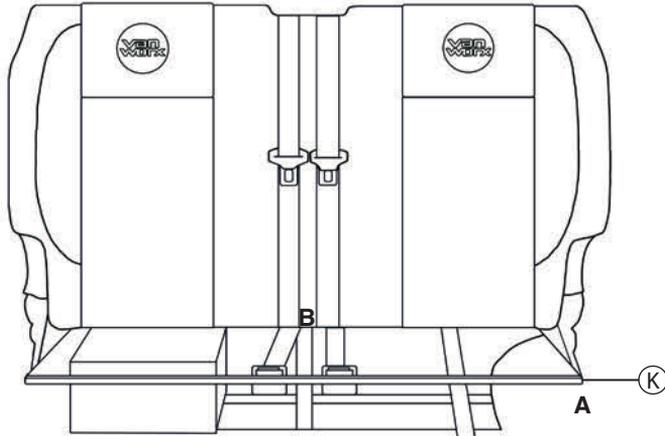
Warning: Only use products suitable for use on stainless steel surfaces, check labels carefully to avoid damage.

RIB Bed

To open the bed, push the lever at point **A** towards the rear of the van. Without releasing, lift the base of the seat at point **B** towards you. Once open, the base of the bed will have moved 180 degrees and will be faced down.

Next, lift the long metal bar (K) at the base of the upright seat. The upright seat will then fold down into the open space to form the bed.

By reversing these steps the bed can be closed to form the seat.



Reimo Elevating Roof (4 Berth Only)

To open, undo the two straps above the driver and passenger seats and gently push on the roof handles. The roof will then lift up on the gas struts.

To close, make sure the roof bed is down and the window compartments zipped shut. Gently pull on the roof handles so the roof begins to lower. Before the roof is completely closed, tug on the canvas to ensure the canvas is clear of the hinges as it can be damaged if it is caught in them. When the roof is down, the fabric can be tucked away and the straps fastened.

Tip!

When closing the roof, ensure there is a window or a door open to allow trapped air to escape, this will help to stop the canvas getting caught in the hinges.

Important Safety Notice: The roof bed should be used for sleeping only. Additional care should be taken when children under the age of 6 are using the roof bed (a child net should be used). All children using the roof bed should be supervised carefully.

Warning: After heavy amounts of rain, the roof must be lifted to allow the canvas to dry out. If the roof is left down during long periods of wet weather without drying out, it can damage the canvas. If you have closed the roof in wet weather, open to allow to dry out. Periodically protect the roof canvas with Fabsil waterproof spray.

1.0 Warning Instructions

- Do not obstruct any air vents.
- Never use portable cooking or heating appliances in the vehicle, other than electric heaters which are not a direct radiant type.
- Care should be taken to ensure that any additional equipment or appliances installed should be in accordance with the manufacturer's instructions.
- Heavy or voluminous items should be fastened/stored securely before travelling.

1.1 Regulatory and Safety Advice

- Under no circumstances should the registration mass of the vehicle be exceeded. Ensure that you have allowed for all masses of items in the vehicle; passengers, optional equipment, essential habitation equipment (bedding) & personal effects.
- Keep screens and grilles clean from dust.
- The elevating roof should be raised when the leisure accommodation is used for habitation purposes.
- Always follow the Vanworx instructions/maintenance for gas equipment. If you are in any doubt about its working order consult Vanworx or a qualified person.
- Always turn off the gas equipment when the gas is not in use.
- Never use gas appliances without appropriate ventilation. All gas appliances require a plentiful supply of fresh air for the correct operation.
- Unless the appliance incorporates automatic ignition, when lighting an appliance always make sure you apply a lighted match or taper before turning on the gas.
- If an appliance is disconnected for repair, maintenance, etc. ensure that the gas line is capped off.
- If gas taps are stiff to operate or appear to be a source of leakage, contact Vanworx or a competent installer to rectify.

2.0 Changing Gas Cylinders

- Extinguish any fire, flame or source of ignition before changing the gas cylinder.
- Whenever possible change the gas cylinder in open air.
- Ensure the replacement cylinder is the correct one before installation.
- Ensure that the gas cylinder valves are closed before; disconnecting any empty cylinder, removing the plastic cap or plug on the outlet connection of the replacement cylinder.
- Make firm gas-tight joints. Any leaking vapour will smell. After changing the cylinder, if a leak is suspected, test by brushing with soapy water around the joints – bubbles will form if vapour is leaking (Never use a naked flame).

2.1 Leaks

- If a gas leak is suspected, close the gas cylinder valve or other valve at the inlet to the premises. Do not operate electrical switches. Open all doors and windows to disperse any gas fumes.
- The strong unpleasant smell of LPG will enable the general area of the leak to be detected. Check that gas is not escaping from an unlit appliance. In the case of a leak, close cylinder valve(s) and call a competent installer to rectify the fault.
- If a leaking gas cylinder cannot be stopped, remove the cylinder to a safe place in the open air in an upright position away from drains and any source of ignition.



www.vanworx.co.uk