



YOUR INSTALLATION INSTRUCTIONS

T5/T6 FLAT PACK FURNITURE



Premium Range

STOP & READ

Please ensure you briefly read over this instruction manual before attempting to assemble and fit your units. Once you have an understanding of the process, please read and follow each page step by step, failure to do this can result in mistakes and the process taking much longer.

Please note, some pictures contain our Deluxe furniture range, however all principles of the instructions and serial numbers remain the same. If you have the T5/6 slim line variant kit, these instructions may differ slightly to your furniture however the principles are the same the kit is simply in a slim form. Please see next slide for Low level variants

These instructions have been broken down into two manuals, the first phase is the construction of the furniture, the second is the 'Plug & Play' electrical and appliance installation. Please ensure you follow in order.



LOW LEVEL KITS

The Low-level kit has been designed from the standard kit, and therefore in design principle the same. The differences include no upper rear wardrobe, a two-piece worktop and a two-piece top locker.

When fitting, if you have the protruding OS front vanshades pod, you may need to trim out the worktop to suit, allowing the units to sit flush to the van side.

Unlike the standard kits the oak veneered splashback and top lockers are separate and not integrated into the kit. Firstly, seat the splashback onto the worktop surface and secure, then you can fit the top lockers, the end panels may need scribing to the pitch of the roof. Please note, the tapered locker situates at the rear,.



THE PROCESS

Read instructions and
prepare work space and tools



Oil the edges and
oak worktop



Prep work such as
hanging doors and
fitting handles

Assemble



Electrics



Fit

VIDEO TUTORIAL

Please find link below to a build video tutorial. We recommend you read these instructions in full and watch this video before attempting to build.

[HTTPS://WWW.YOUTUBE.COM/WATCH?V=3LMDAIP7EUK&T=1201S](https://www.youtube.com/watch?v=3LMDAIP7EUK&T=1201S)

IF YOU HAVE ANY ISSUES WITH YOUR KIT, PLEASE ENSURE YOU WATCH THIS VIDEO AND READ THE INSTRUCTION BEFORE CONTACTING US ON INFO@COOLWHIPCAMPERS.COM. PLEASE INCLUDE YOUR ORDER NUMBER AND PICTURES





*THE AVERAGE TIME TO PREPARE, BUILD
AND FIT THIS INTERIOR IS 3 DAYS. WE
ADVISE YOU ALLOW AT LEAST THIS TIME
AND DO NOT RUSH THE PROCESS*



SOLID WOOD TABLES



If you have an oak or bamboo table, you must screw the 4 x threaded inserts into the holes as per picture before oiling the table.

The oil softens the oak and won't allow for a bite on the inserts

OILING/ WAXING

It is important to treat the edges of your ply and solid wood products. Failure to do this can result in bowing and delamination due to moisture ingress. You can apply an oil, a varnish or wax. We recommend Osmo topoil, there are a few shades of colour available. The oil also passes health and hygiene standards for worktops and works well on the ply edges.

NEVER USE FLAMMABLE LIQUIDS TO TREAT THE WORKTOP WHEN INSTALLING GAS

Treating your edges also makes for a beautify finish

WORK TOP OILING



Oil the Worktop, ensure to cover every exposed edge



Allow to dry and apply another coat (optional)

OILING OPTION 1

Quick tip – sand down all edges before oiling for a cleaner finish



Apply oil to the edge of every piece of furniture, allow the correct drying time, clean oil off the laminate face as you go.

OILING OPTION 2



Build the full kit and oil only the visible edges

BEES WAX



Oiling your edges and solid wood worktop will add a rich colour and offer some protection, however to fully seal we recommend using beeswax, especially on oak tables, fully sealing will prevent any moisture ingress and prevent bowing.

STOP & READ

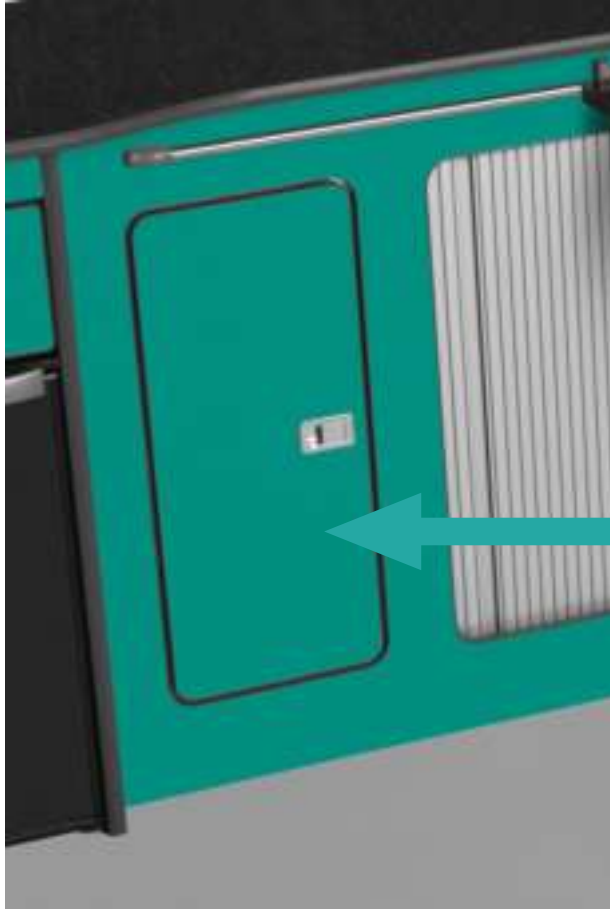
ENSURE YOU ONLY USE THE SMALL **16MM SCREWS** PROVIDED, OR SCREWS THAT COME WITH HARDWARE SUCH AS DRAWERS AND HINGES UNLESS STATED OTHERWISE

WHEN USING 25MM SCREWS PILOT DRILL FIRST AND NEVER COUNTER SINK

FAILURE TO DO THE ABOVE CAN RESULT IN SCREWING THROUGH THE OUTER SIDE OF THE MATERIAL

A GOOD WORKBENCH IS ADVISED FOR ALL FOLLOWING PREP WORK

HANGING DOORS



TOOLS

- Drill Driver
- Stanley knife
- Cross head Screw driver



PLEASE NOTE WE USE THE SAME SERIAL NUMBER SYSTEM FOR ALL KITCHEN DESIGNS, THEREFORE YOUR SPECIFIC KIT MAY NOT HAVE ALL SERIAL PIECES.

FOR EXAMPLE, DELUXE KITCHENS HAVE NO FRIDGE DOOR (A3)

HINGES

A3	Overlay
B3	Inset
B4	Parallel
C2	Parallel
C3	Parallel
C6	Parallel
C7	Parallel
D7	Overlay
E2	Small arm Parallel
E3	Small arm Parallel
E4	Parallel
Worktop flap	Parallel

HINGES



Fix the hinges to the door only using 15mm screws and the pilot holes provided



If your hinges have the cover plates clip them on



Turn the adjustment all the way to the rear before fixing to the aperture

(CONT.)

HINGES



Remove Euro screws (if necessary) and replace with 15mm screws to fit the plate to the aperture

HORIZONTAL
ADJUSTMENT

OVERLAY
ADJUSTMENT

CLIP-ON
MOUNT



Once both hinges are fitted, adjust the door to fit flush with equal spacing

HANGING DOORS

CHECK & MAKE SURE...

The doors sit flush and open and close correctly

(CONT.)

OAK HANDLES



Fit the handles using the
25mm bolts



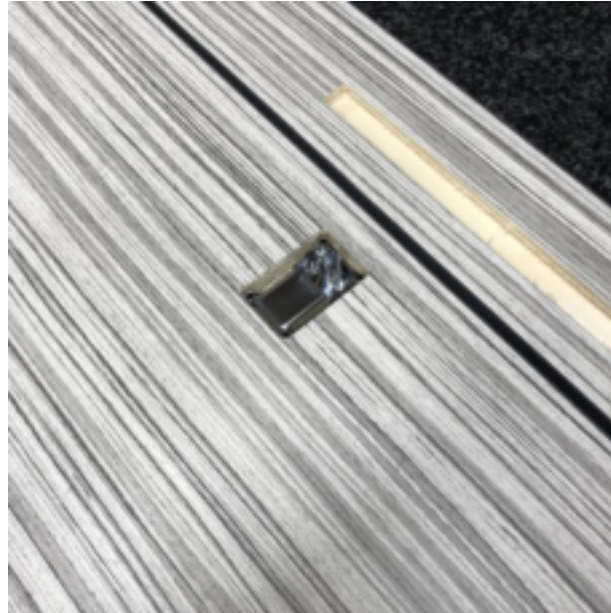
Align the holes with the
pre-drilled holes on the
doors and tighten



FLUSH HANDLES



Place the correct door into the correct aperture ensuring the door is orientated correctly



Place the handle catch into the hole



Using 16mm screws, fix the back of the catch into place ensuring the catch is straight

SOFT CLOSE DRAWER ASSEMBLY



(CONT.)

SOFT CLOSE DRAWER ASSEMBLY



Attach the mounting clips



Fit the drawer rear A6
using 15mm screws



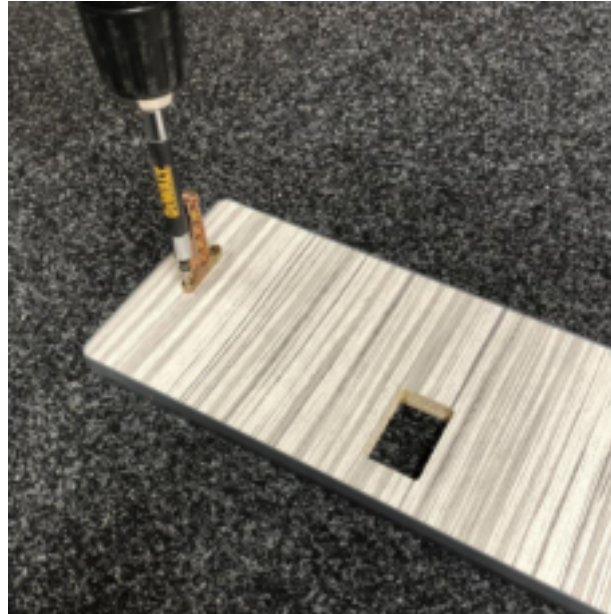
Fit the drawer base A5
using 15 mm screws,
ensure the base is flush to
avoid gaps

(CONT.)

SOFT CLOSE DRAWER ASSEMBLY



Fit the drawer A4 face catch or oak handle



Screw the drawer face A4 mounts into the pilot holes with the 4 x large head screws provided with the drawer box



Clip the face into the side runners

(CONT.)

SOFT CLOSE DRAWER ASSEMBLY



If you have a 2mm rebate groove in your drawer base, insert drawer divider A7 and secure by screwing from the rear with 25mm screws.
Please note this is not applicable to all kitchens

DRAWER RUNNERS



Fit the runners to A1 using the pilot holes provided, ensure you have the correct runner on each side.
Repeat on A2



TABLE LEG AND RAIL

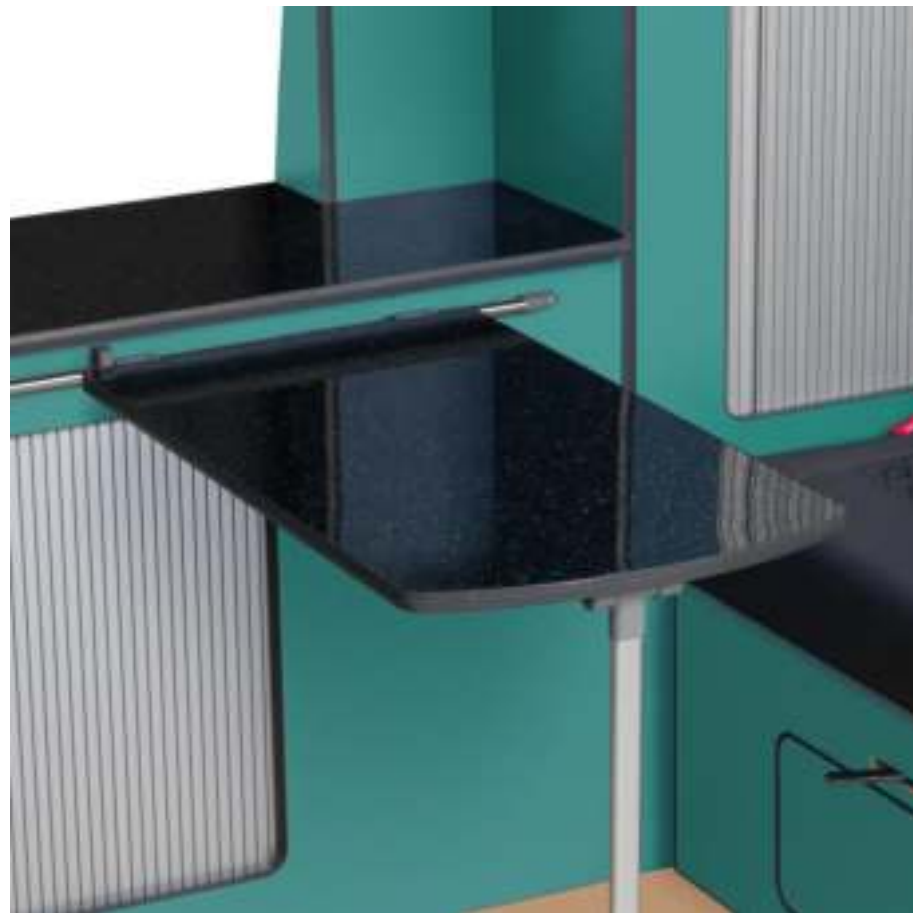


TABLE LEG AND RAIL



Fit the 4 x threaded inserts to the table



Fit the 4 x threaded inserts to the table rail



Bolt the table rail to the kitchen unit face (B1) using 25mm bolts

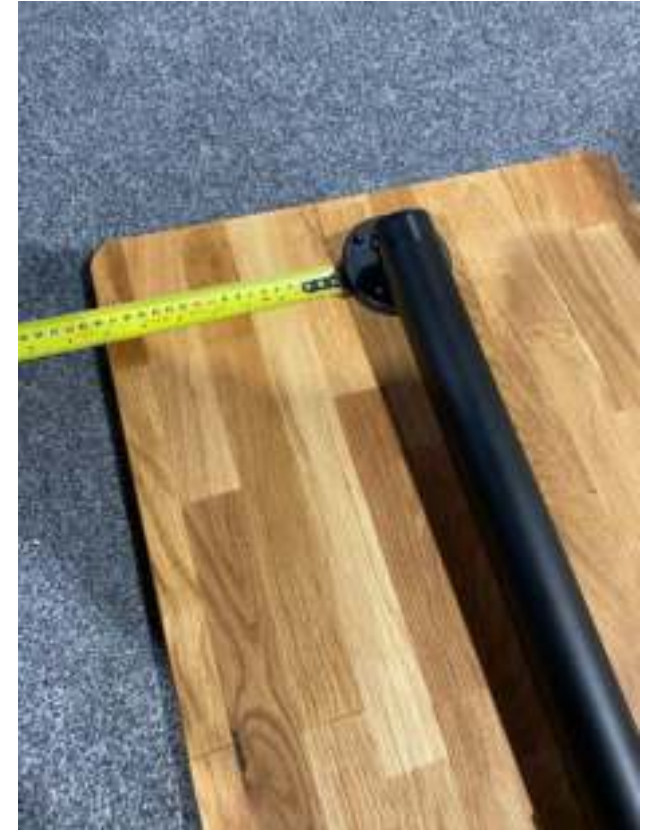
TABLE LEG AND RAIL



Bolt the 2 x spacing blocks to the table as per picture



Fit the 2 x table locking pieces as per picture using a 45mm bolt (do not over tighten as it must pivot to lock under the rail)



Fit extendable leg using 20mm screws, ensure to orientate correctly

(CONT.)

FLOOR ASSEMBLY



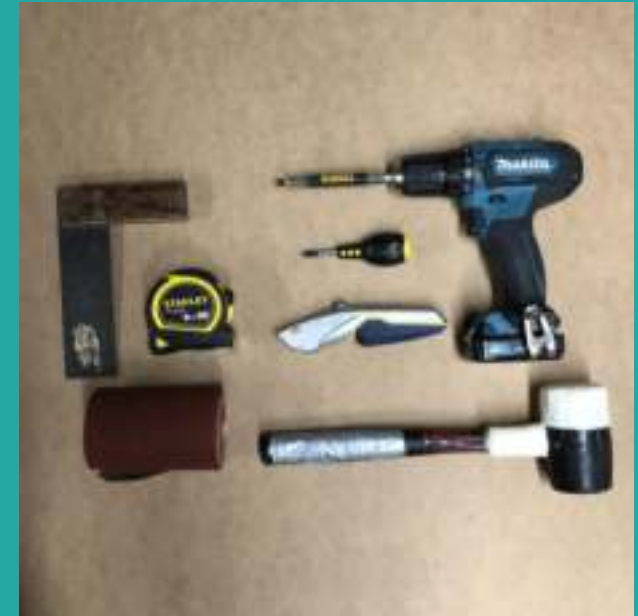
Screw the floor base F1 and F2 together with the fixing plates using 15mm screws

WARDROBE ASSEMBLY



TOOLS

- Drill Driver
- Mallet
- Stanley knife
- Sand paper
- Cross head Screw driver
- Tape Measure
- Set Square



(CONT.)

WARDROBE ASSEMBLY

OVERVIEW

The wardrobe (serial C) is the most time-consuming part of assembly

It's important you follow each step in order of instruction

Use 15mm screws unless directed otherwise

We recommend two people

You will need a large clean flat surface

Pilot drill 25mm screws and **do not counter sink**

(CONT.)

WARDROBE ASSEMBLY



Firstly, stick the wardrobe LED into the profile and re attach the cover case (only included in the Plug and Play)

(CONT.)

WARDROBE ASSEMBLY



Fix the wardrobe bottom shelf support C11 to the underside of the shelf C10 using 25mm screws, this will seat the battery access flap

(CONT.)

WARDROBE ASSEMBLY



Place the wardrobe face down



Slot the bottom shelf C10,
divider C8 and lid shelf C9
into the rebates.
DO NOT SCREW



Fit the wardrobe upright (L) C4
first, start from the base
working up to the top using
the blocks and pilot holes

(CONT.)

WARDROBE ASSEMBLY



Fit the wardrobe upright (R) C5 start from the base working up using chock blocks and pilot holes



Ensure piece sit together nicely



Ensure the bottom shelf C10 is seated correctly before fixing

(CONT.)

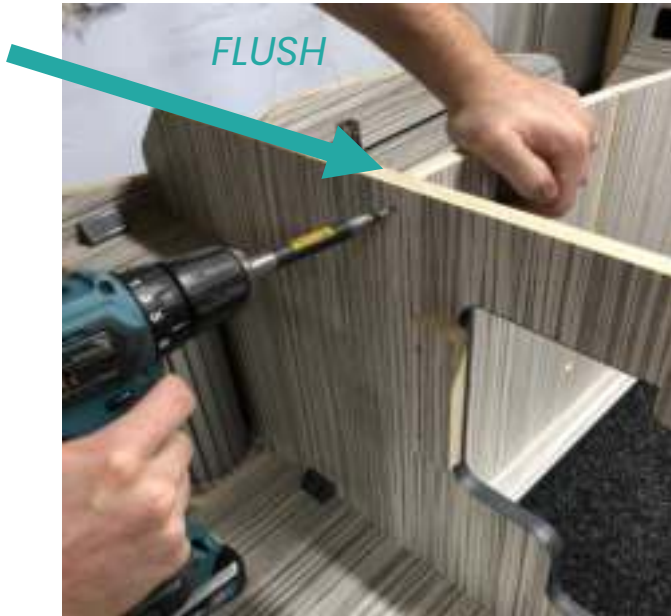
WARDROBE ASSEMBLY



Screw the bottom shelf C10 using the blocks and pilot holes provided, ensure the joins are tight and flush

(CONT.)

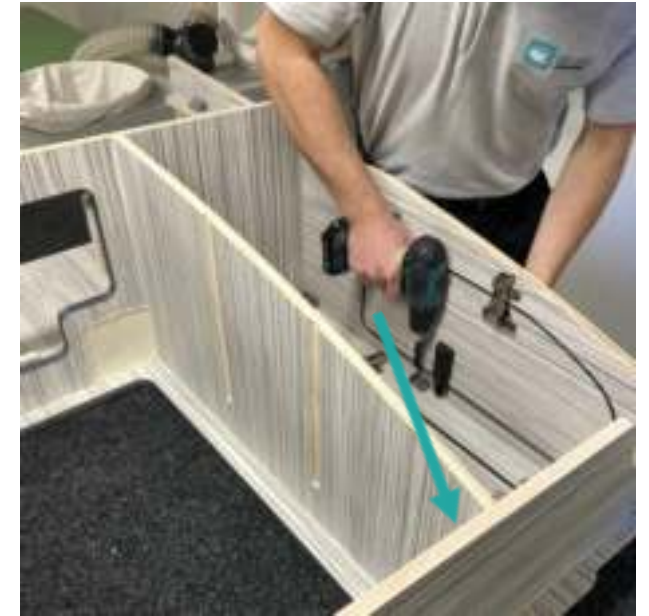
WARDROBE ASSEMBLY



Screw through the bottom shelf C10 into the divider C8 using a 25mm screw*



Fit the lid shelf C9 to the upright (R) C5. Ensure the joins are tight and flush



Secure top of divider C8 with a block

(CONT.)

WARDROBE ASSEMBLY



Repeat the process with
the left upright C4



Now screw the lid shelf C9 to the face.
Please note, your blocks may be
underneath

(CONT.)

The next stages see the units finally coming together, place the base into the centre and front of the van, then continue onto the next slide.

For the purpose of these instructions and taking relevant pictures, we have continued to build outside the van



(CONT.)

WARDROBE ASSEMBLY



Stand the wardrobe up and click into the floor rear F2, ensure the base is forward in the van to avoid the cupboard hitting the boot lip



Fix the wardrobe to the floor using 15mm screws, and pilot holes provided



Continue

(CONT.)

WARDROBE ASSEMBLY



Screw the tambour door wheel (R) C17 to the bottom shelf using 25mm screws



Repeat the process with the opposite wheel C18 on the lid shelf



Insert the tambour door into the wheel runners from the rear

(CONT.)

WARDROBE ASSEMBLY



fit the track into the tambour wheel as far as it will go.
Once happy with the position,
glue into place



Repeat the process for
the top track



Screw the Tambour housing
together C15/ C16 and slide
into position with the finger
gap at the front

(Slimline gap = top)

(CONT.)

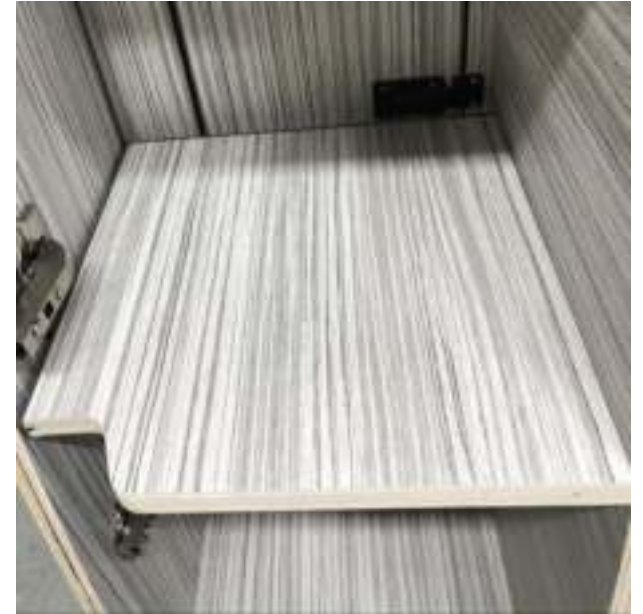
WARDROBE ASSEMBLY



Fit the wardrobe C12 and C13 shelves by sliding into the rebates and fixing with chock blocks underneath



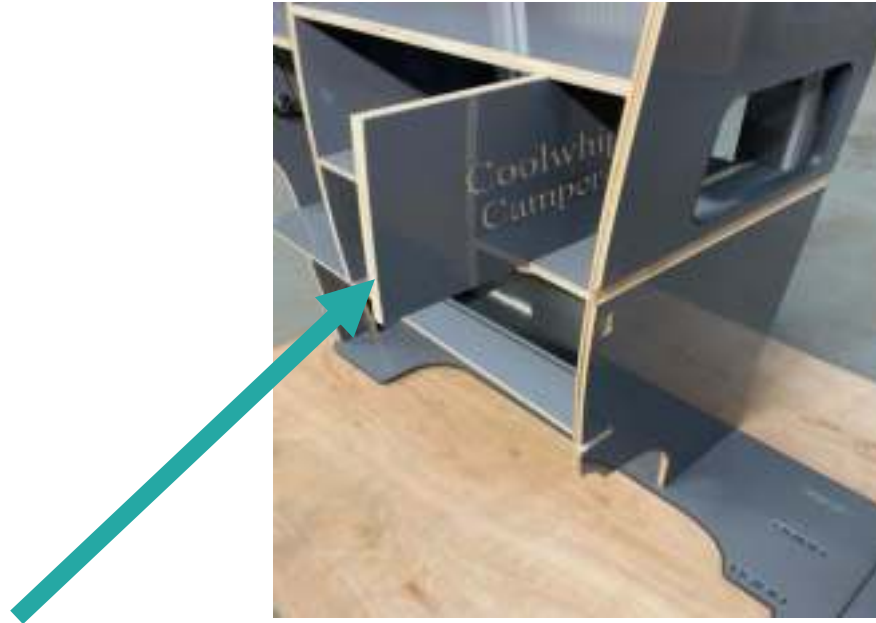
Fit the blocks for the Wardrobe rear shelf



Fit the Wardrobe rear shelf C14 flush with the rear

(CONT.)

WARDROBE ASSEMBLY



Finally slide the cubby
hole insert into place

ASSEMBLY



Fit the Kitchen unit face
B1 from the rear



Ensure the face is flush
with the wardrobe



Fit the shelf blocks to C4

ASSEMBLY



Fit fridge pod (R) A2 from behind, if you have the new twin door design, fit with chock block at the top using the pilot holes



Fit the Kitchen unit shelf B2. To prevent the shelf bowing, screw the shelf to the unit face on the underside with two blocks where the arrow indicates

ASSEMBLY



Fit blocks to the flap divider B5 and fit to shelf using the rebate



Now fit the rear support B6, be sure to have it the correct way
Not applicable on the kitchens



Now fit the fridge pod upright (L) A1 and click and screw rear support into place

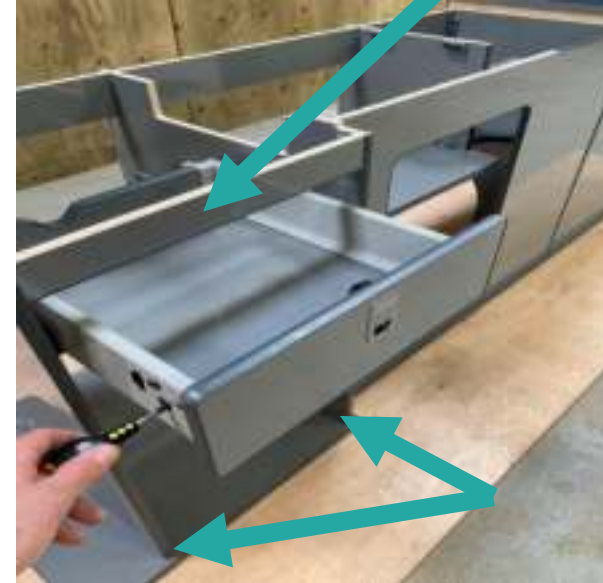


ASSEMBLY

Above drawer piece not applicable
in premium design



Fit the drawer to the runners,
there is an audio click when
the runners are pushed in
correctly



Adjust the drawer to fit perfect,
ensure both fridge pods are equally
30mm from the base front

Please see drawer box manual for
more information on how to align the
drawer, remove from runners and any
other information you may require.

ASSEMBLY

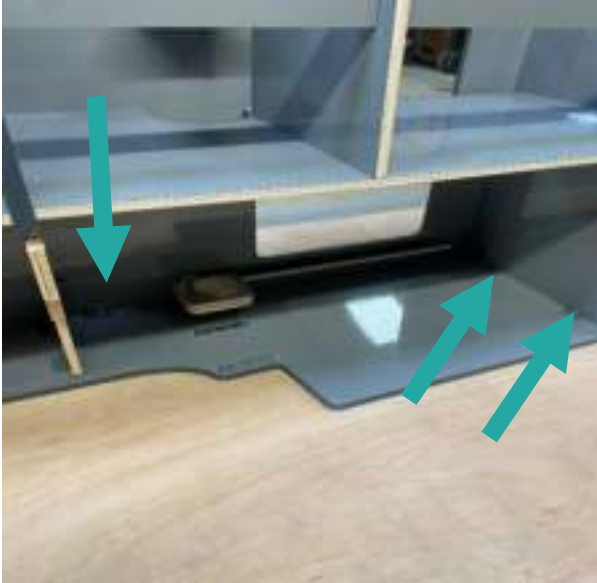


Fit the fridge door A3 using overlay hinges



Fit the left under sink door B3 using inset hinges

ASSEMBLY



Continue to screw the units to the floor



Fit the fridge upright (L) A1 to the floor using small L brackets on the inside of the aperture, do not use blocks as they obstruct with the fridge



Fit the right-side table storage holder to the outside front of your fridge pod (L) A1 with 16 mm screws

(Optional placement)

(CONT.)

REAL OAK

STOP!

Before screwing through any solid oak please ensure you pilot drill first, failure to do this may result in The oak splitting

WORK TOP



This template will house the sink/ grill and allow for the cut out to sit on top flush.

Fit the grill seating template to the underside of the worktop. Align the template with the marked out area.

Dress the straight side of the template with the worktop front with the ply smooth side up. Screw into position around the perimeter using 30mm screws, roughly every 150mm apart and 10mm from the edge. Ensure to pilot drill.

Straight side = Front of worktop



If you are fitting the sink, attached it to the worktop first. Drill 4 x holes in the corners to allow a screwed fitment, also use a clear silicone

WORK TOP



Using the alignment rebates, drop the worktop into place. Start by offering the right of the worktop into the wardrobe rebate, then simply find the rebates and seat correctly. Do not forget to fix down with blocks and 16mm screws

TOP LOCKER ASSEMBLY

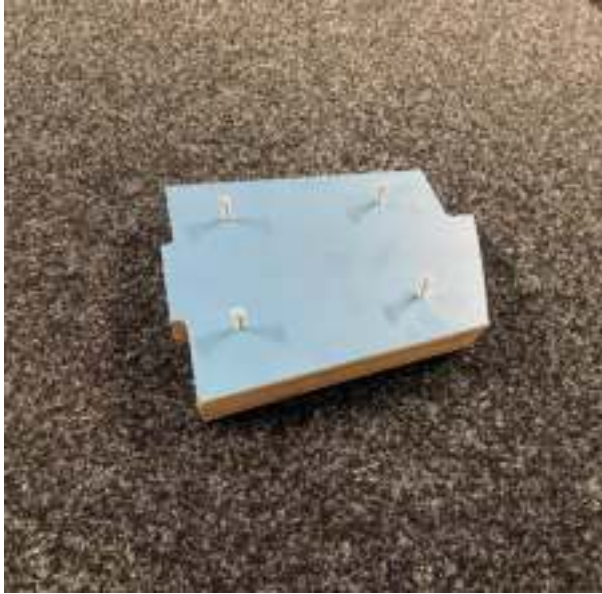


Before fitting the top locker and splashback, if you have a low fitting pop top such as the 'High-low roof' this is a good time to dry fit your units, because you may need to trim the top of the left fridge pod to fit.

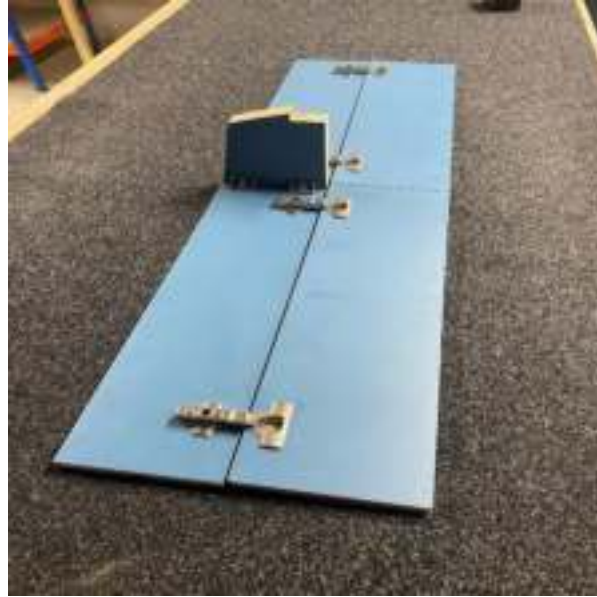
The way the units are designed allows you to trim accordingly, thus allowing you to position the locker in a lower position. Please note, pilot holes both sides will then be obsolete.

This is a lightweight top locker, do not overfill

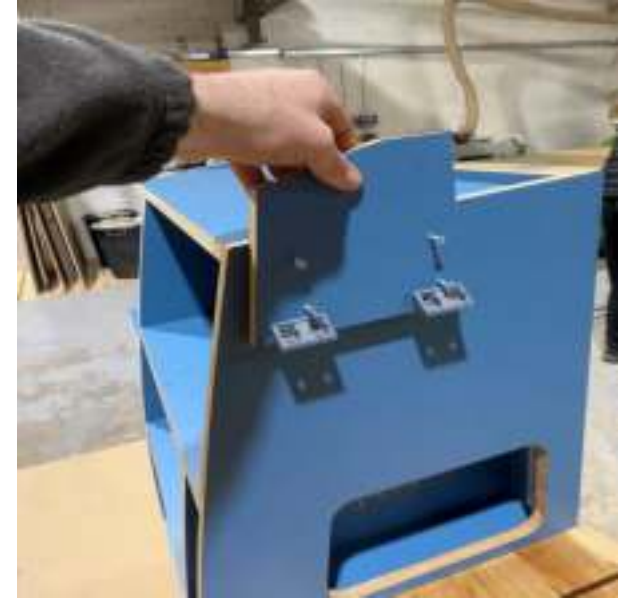
TOP LOCKER ASSEMBLY



Screw the two top locker dividers D2 and D3 together



Fit the top locker hinges to the doors D7 and attach to the base D1, then fit the dividers into the rebate



Screw the top locker end panel D4 to the wardrobe, using the line to position correctly

TOP LOCKER ASSEMBLY



Fit two 2 x chock blocks to the top locker support D6

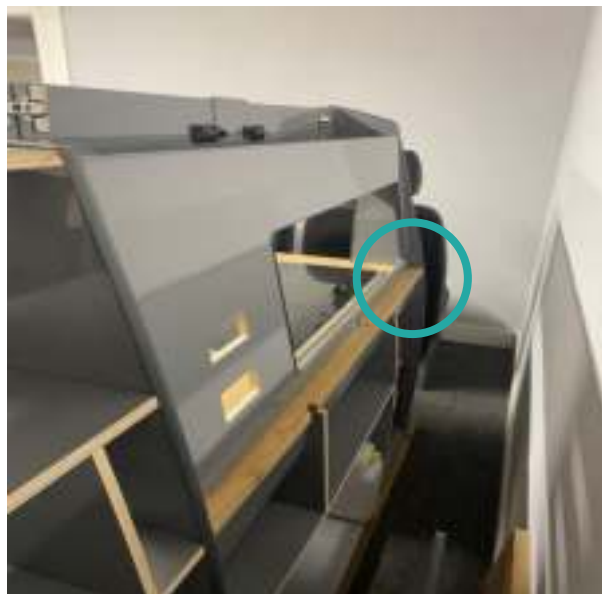


Hang the top locker, use the pilot holes to align in the correct position



Fit the top locker top support D6

SPLASH BACK



Offer the splash back up, allow it to sit square on the worktop surface and lean into the base of the top locker

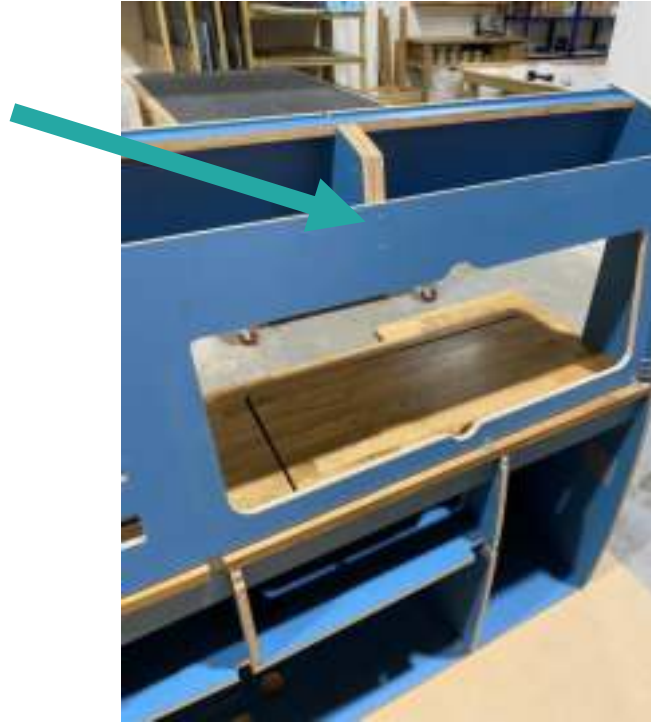


Fit the splash back with small L brackets on the rear with 15mm screws

TOP LOCKER ASSEMBLY



Measure from the worktop surface to the underside of the top locker to ensure its parallel before the next step



Screw through the splashback into the dividers D2 and D3



For further strength, screw through the splashback into the top locker base D1, ensure you are screwing in the correct place by measuring (pilot drill first)

OAK DOOR CATCHES



First fit the magnet to the return face, use the floor for doors under the worktop



Offer the strike plate to the magnet for correct positioning, mark the two holes



Pilot drill the two holes with a 2mm bit and screw the plate using the screws provided. Do not screw too near the edge as the ply can split

DOOR CATCHES



For 90-degree hinge doors needed for some kickboards and the slimline bottom wardrobe door, fit the return block G1 into the rebate using a chock block, this will provide a return to fit the magnetic hinges as before

FLUSH HANDLE DOOR CATCH



For flush handles fit the strike plates, the plate are used for both 180 degree door like the picture, or turned to fit a 90 degree return like the rear wardrobe doors



Optional fit – finally fit the finishing panel, this will cover the space between the kitchen and the driver's seat and also hide the plug and play board

If you have purchased furniture only skip to slide 105 for fitting



PLUG AND PLAY ELECTRICAL INSTRUCTIONS



STOP & READ

Please ensure you briefly read over this instruction manual before attempting to fit the electrical components and looms to your units. Once you have an understanding of the process and feel confident carrying out the install, please read and follow each page step by step, failure to do this can result in mistakes and the process taking much longer.

For the purpose of this manual, we have carried out this phase outside the van, once again for ease of demonstration and to take better pictures



THE PROCESS

Read instructions,
prepare workspace
and tools



Run permanent
cables



Fit electric board



Final fix sockets and
plumbing



Test



Final fit units

DISCLAIMER

Please note, this instruction manual is a guide to how we recommend the following stages are carried out. Although the looms and components are prewired and labelled, you will require a basic understanding of electrics. If you are not confident in this process, we recommend seeking advice or help from a professional.

All components and looms are pre-tested on our mock up kit to pass quality control before dispatch, any issues that arises will be a result of incorrect assembly and will require a fault-finding process. For example, the entire electrical loom may not be live due to one simple loose connection. Please ensure you have followed the steps correctly.

Although we may be able to advise, we are a product-based company, all components are brand new and tested. If you are still unable to diagnose where any electrical issues are, we recommend seeking advice or help from a professional.

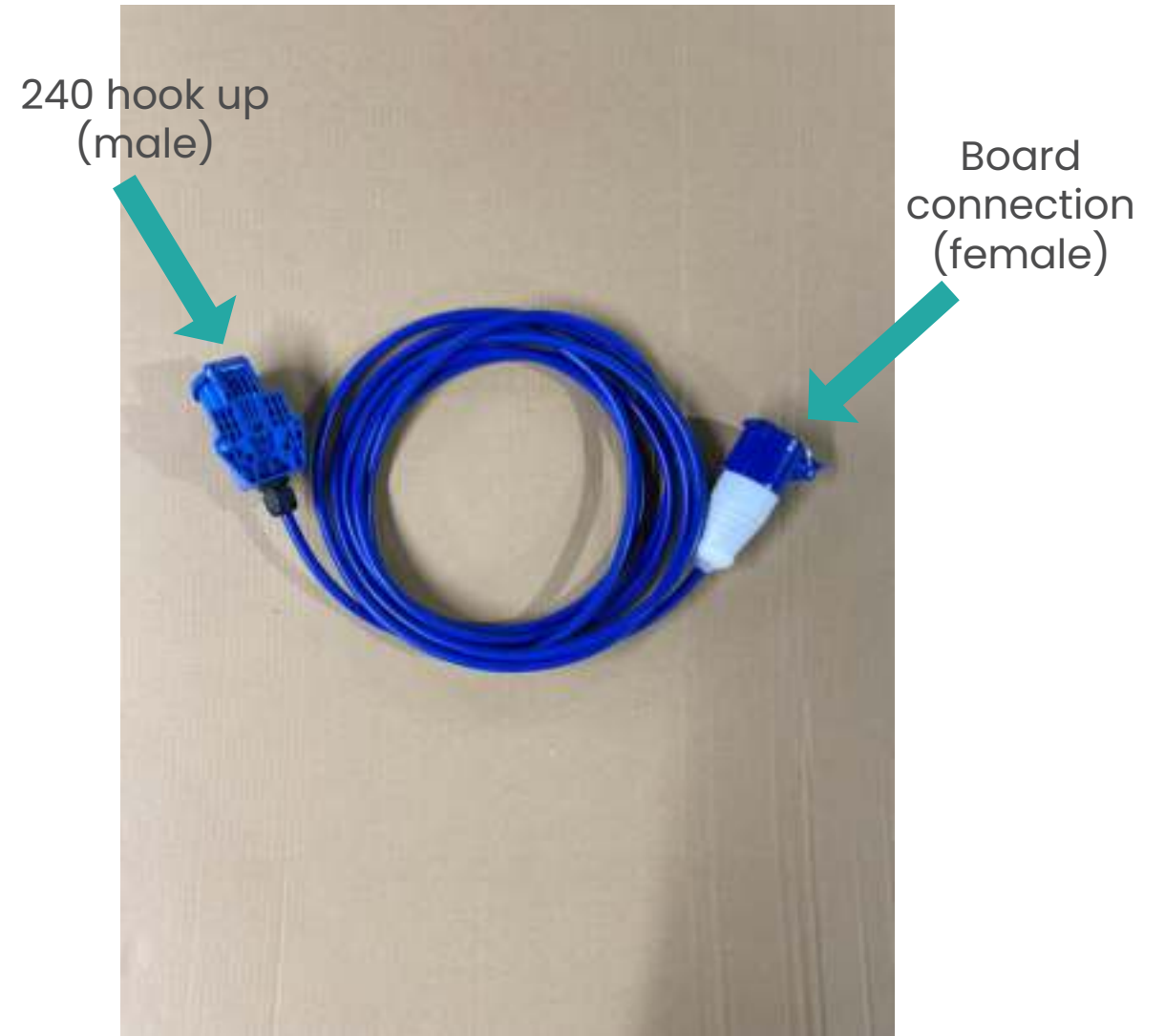
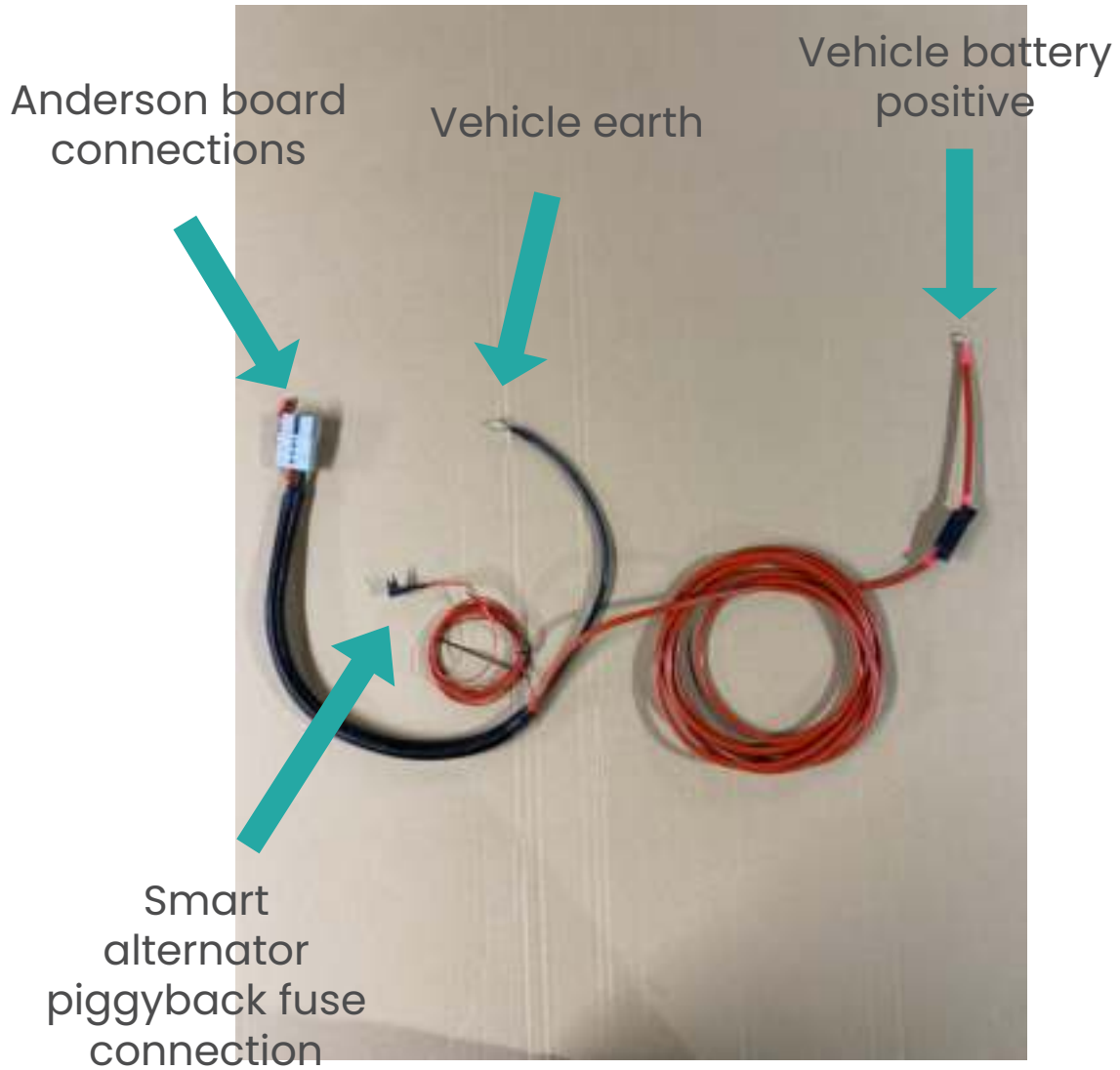


PERMANENT CABLES

The Plug and Play System is an innovative, fully removable kit that integrates all electrical components within the furniture assembly. The unique aspect of this design is the quick-release mechanism: to remove the furniture, the user simply detaches the 240V and Anderson connectors from the electrical board. It is important to note that these specific connectors are permanent components that remain fixed within the vehicle.

The he initial phase of installation requires running the necessary permanent cabling before the furniture kit is seated.





PERMANENT CABLES

Firstly, we need to connect to the vehicle battery positive. The FTC battery is underneath the driver's seat; you may want to cut and re crimp your cable to length or simply lop and stow the excess.

The VW T5 T6 battery is found in the bonnet, you therefore are required to run the cable through the fire wall to connect.

You will also need to decide where your 240 hook up will be mounted, we recommend under the bonnet to avoid cutting a hook up flap into the side of your van.

The following slides demonstrate how this is achieved on a VW T5 vehicle, other vehicle fire walls may differ in position.



SMART ALTERNATOR

From 2015 vehicles are fitted with variable voltage charging systems that help to reduce emissions, this means conventional VSR relays are no longer appropriate to use. If you have a smart alternator, you are required to connect the 1mm red cable with a 'piggyback fuse' to a switch live/ ignition feed. This can be achieved by locating the fuse box found under the steering wheel or in the centre console, simply route the cable under the trims, and plug the piggyback fuse into an ignition live. See video links below for helpful tips

<https://www.youtube.com/watch?v=Nkb0nSuRQxE>

<https://www.youtube.com/watch?app=desktop&v=aIyoS5WfBF8>

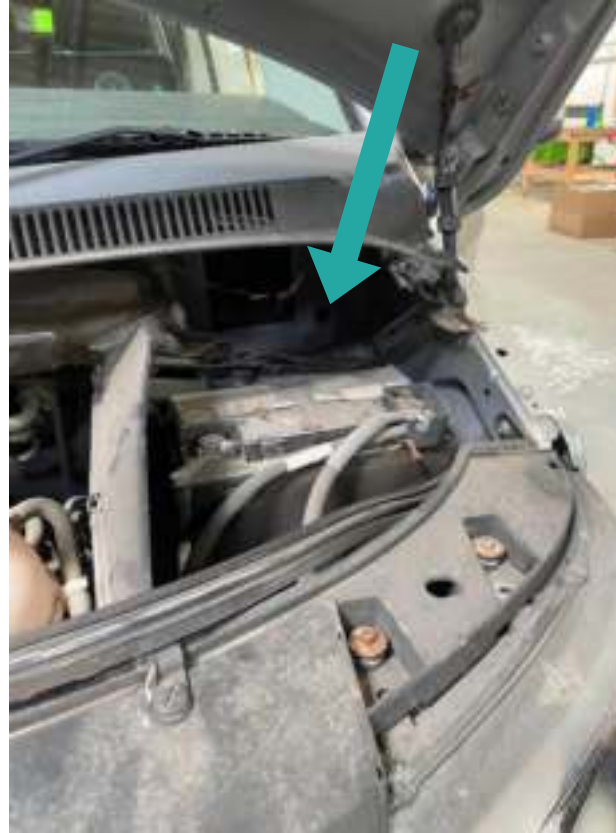




In order to feed the 240 hook (male) up through the fire wall, you will need to remove the plug then re attach when in position



Firstly, remove the cover above the vehicle battery



Locate the firewall hole



Fit a 25mm rubber grommet



Cut and fit a rubber grommet to the cover above the battery



Remove the lower panel below the NS glovebox



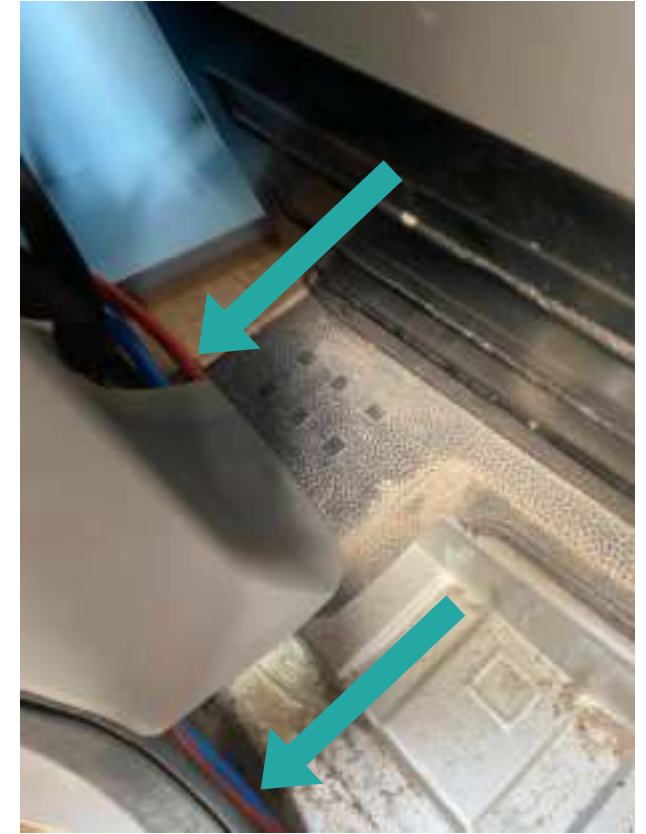
Feed some guide wire through the hole to establish the path, we have used some old BT cable in the picture



Remove the lower panel on the drivers side



Remove the drivers sidestep



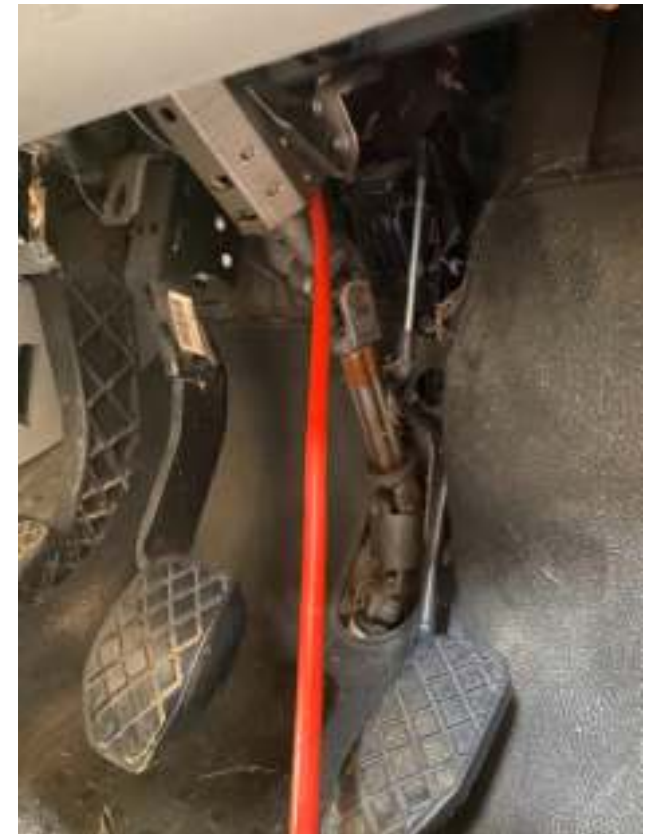
Feed cables underneath the pillar trim into the sidestep. Ensure you have left enough length to connect to the electric board



Continue to feed the cables along the sidestep



Tape the end of the blue approximately 2m from the red end



Feed the red end over and behind the pedals and through the centre console



Now pull both cables through to the passenger footwell, this stage requires patients!



Attach the cables to the guide wire and pull through the firewall hole



Pull both through then remove the guide wire and tape

Before proceeding to connect to the vehicle battery and fitting the 240 hook up, ensure you have stowed away both cables correctly and safely.

This is imperative near the pedals, make sure you have cable tied them together; above the pedals as high as possible to one of the pre-existing vehicle looms, safely out the way and *not* impeding any pedal motion.

You can now refit the sidestep, rubber trims and panels



Locate the finish position
of both cables and cut
any excess



Wire the 3 core artic 240
cable to the hook up



Please double check
terminals match the picture
as newer designs may differ



Fit the 240 hook up and screw into position



Connect the red split charge cable stud to the vehicle battery live

EARTH

Finally, you must connect the earth cable. Factory earth points exists under the driver's seat of both the VW and FTC, usually a stud welded to the chassis, alternatively you can use one of the seat base mounting bolts as an earth point.

BUILDING THE PLUG AND PLAY

We recommend leaving all cable ties and P-clips to the end. Once everything is in place and you are happy you can square all cables away neatly



Locate the 4 x mounting blocks
and align with the electrical
board



Bolt the electrical board to the
end panel using 4 x 60mm bolts



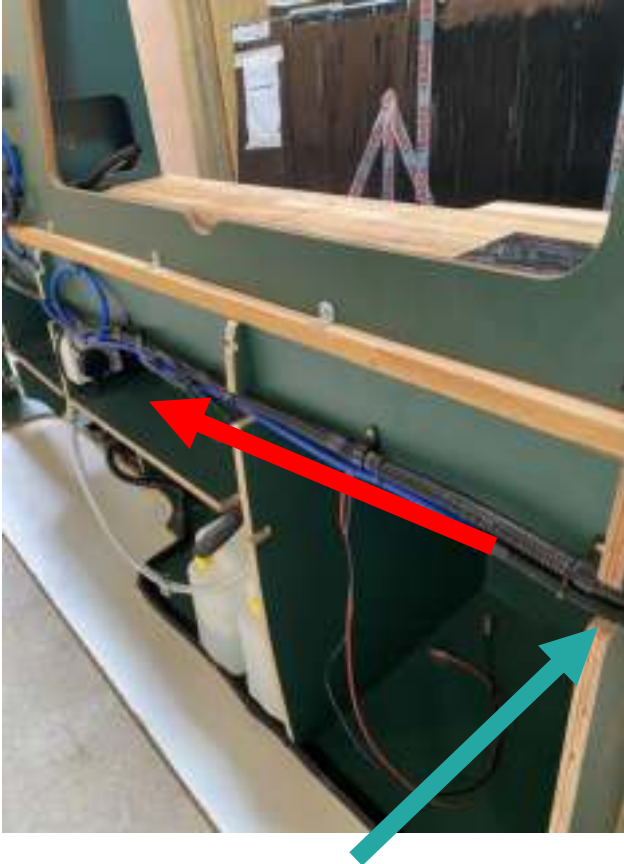
Feed the bottom loom from the electric board along the pod base



Feed the loom around the base and into the wardrobe compartment



Screw the battery tray into position. For slimline variants feed the strap through furniture base slot as the battery tray will not fit. Do not connect the Battery



Feed the top loom containing the control panel internals through the control panel cut outs on the pod end panel



Remove the back covers to allow you to feed the controls through the cut outs in the splashback.



Reattach and screw from the face



Clip the finishing cover plates over the top into position



Fit the 3-pin socket to the divider (ensure it's high enough to fit the induction plug)



Fit the induction hob using clear silicone and plug into the 3-pin socket from the previous step. See slide 91, 92 and 93 for gas/ grill option



Remove the protective
masking tape



Fit the rubber edging, cut on
completion and butt together



Insert the grill to the underside
template. Fit the screw inserts



Screw into the template
using the screws provided
with the appliance



Fit the black screw caps



Fit the plug rubber seal



Feed the tap through the
tap hole



Feed the rubber seal then
fixing thread over the water
pipe and cables from behind
and tighten



Attach the freshwater pipe to the
pump with a jubilee clip, then feed
through the yellow lid hole along
with pump cable



Fit the waste and plug

- Attach the waste pipe to the waste and secure with a jubilee clip





Fit the tap into the
worktop hole



Feed the plastic nut over
the tap pipe and tighten



Attach the freshwater pipe to the
pump with a jubilee clip, then feed
through the yellow lid hole along
with pump cable



Connect water pipe
to tap, secure with
jubilee clip

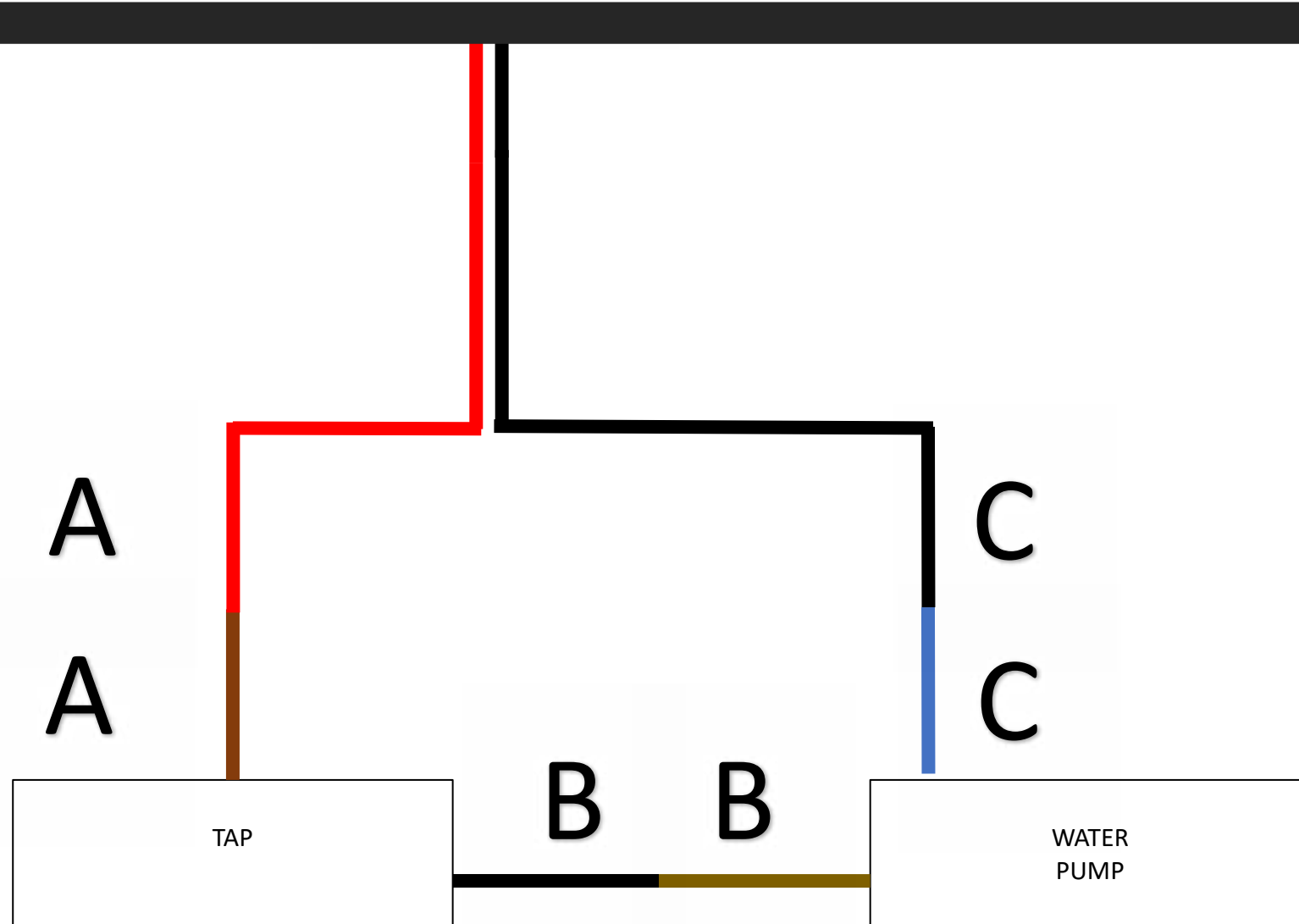


Attache both waste
and freshwater lids to
water tanks



Connect the tap, water pump
and top loom wires using 3 x
labelled wago connectors-
see diagram on next slide

Top loom





Fit the 3-way wago
junction box and cover



Insert fridge cables from the
top loom into a 2-way wago
junction box and screw into
position as per picture



Organise all cables
with ties and P-clips



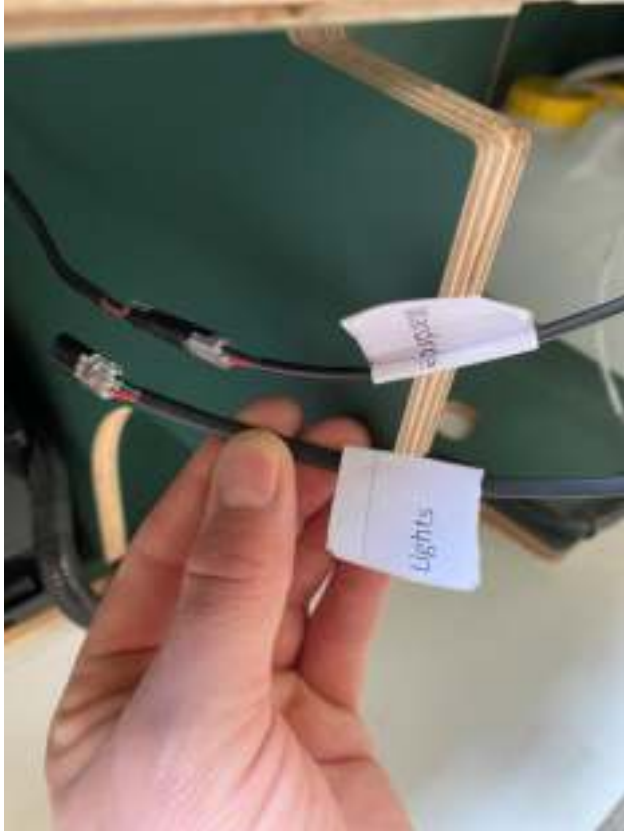
Place the fridge into
the aperture



Pull the fridge forward and
remove the drawer for wago
connection access



Clip the fridge cables into
the wago junction box as
per picture and fit cover



Connect the LED light looms

You will need to add a connector to your main lighting cable. Your lights will now function from the control panel



Place the battery into the tray, secure with the strap and connect terminals.



Connect all three connectors from
- the permanent cables to the board

TEST

Before securing your furniture to the vehicle, check all components are working correctly



On completion of the test, Diss
connect all three connectors from
the permanent cables to the board

FITTING THE UNITS

Push the unit into position flush
with the van walls

- The wardrobe should be as far to
the rear as possible underneath
the D pillar



Secure the battery rear with 2 x chock blocks, screw into the base only with 16mm screws



Firstly, fit the rear into position, you will need to pilot drill through the van metal work before fixing, 16mm screws is surfiest



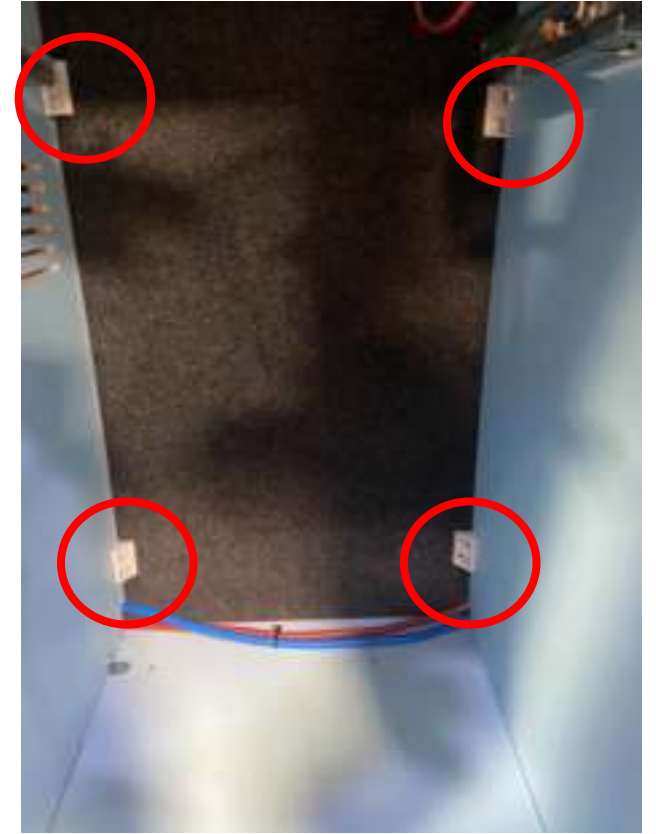
Repeat the process with two chock blocks as seen in the picture



Continue to secure the units to the van ply lining, 16mm screws only into the furniture, however 25mm can be more effective into the ply.



Ensure the units are pushed back and as flush as possible. Key tip, attach the block to the unit first, then into the ply



Finally, the fridge pod area, remove the fridge if necessary



Place a 9mm drill bit through the 18mm holes in the unit base, then drill a hole into your van timber floor.



Clean the hole out using a
hoover



Screw a 6mm threaded insert
into the hole in the van floor



Secure with a 25mm washer
and 30mm M6 bolt. Repeat
the process



For plug and play kits you can now perfectly fit the fridge. Remove caps and screw through the right side into the aperture, use 25 or 30mm screws

BARN DOOR TABLE RAIL



If your vehicle has barn doors you can also fit the barn door table rail, this will facilitate the use of your table outside the vehicle. Ensure you dry fit first to check the height then simply screw to the barn door ply.



FITTING THE KICKBOARD



Finally fit you bed and kickboards, most kickboards do not have doors, we recommend using disk magnets to attach, you can then fully remove for maximum storage access

On completion you can reconnect
your eclectic board

- We recommend disconnecting the
leisure battery when and if
removing the units from the van