

YOUR INSTALLATION INSTRUCTIONS

T4/T5/T6 FLAT PACK FURNITURE



INSTALLATION INSTRUCTIONS



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 then 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 Premium furniture, however all principles of the instructions remain the same. If you have the T4, T5/6 Low level or T5/6 slim line variant kit, these instructions may differ slightly to your furniture. The slimline is the exact same just in slim form. The low level is also the same, however includes two worktops and two top lockers to accommodate the half height rear wardrobe design. All the information you need is in this manual.

Our integrated floor design allows you to build the units in the comfort of a workshop or garage then simply lift them into the van. This allows for electrical work to be carried out before the units have been fitted. Take care when lifting the units, and never lift from the floor alone as you may snap the join.

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



THE PROCESS





T TRIMMING



TOOLS

- Mallet
- Stanley knife
- Curved Stanley knife
- Mitre shears





QUICK OVERVIEW

Staring the Trim

Trimming corners

Ending the join

Removing Trim from hinge holes

Tips and hints

Do not T trim perimeter of wardrobe front, wardrobe upright (L) and wardrobe upright (R) until slide 51

Do not T trim the floor until slide 36



STARTING THE TRIM







Cut the trim square before starting every piece

Ensure the lip is on the surface denoted by the piece sticker

Start and finish on the black line



CORNERS



Keep the Trim tight to avoid gaps Use the inside of the mallet to trim door apertures*



*ensure you use masking tape









Remove the inner trim to avoid bobbled corners







ENDING THE TRIM



Mark and cut the Trim a few (mm) past the start point



Butt the two Trims together



Mallet the join flush.



ENDING THE TRIM



Where there is no join simply cut the edge straight with a Stanley



REMOVE THE HINGE



Remove the inner Trim from the hinge hole to allow the hinge to sit flush. Failure to do this will result in bulging



TOP LOCKER



Leave some excess trim on the top right of the Top locker face, this will make sense later on



FRIDGE PODS



Remove the rear trim lip from both fridge pods



TIPS AND HINTS



Always keep the trim taught to avoid gaps and bobbles



Always hit down onto a surface, use the edge of a bench if necessary



Heat the trim to stretch and manipulate



HANGING DOORS



TOOLS

- Drill Driver
- Stanley knife
- Cross head Screw driver





HANDLES







Place the handle catch into the hole



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



HINGES



Fix the hinges to the door only using 16mm screws and the pilot holes provided



Clip on the cover plates



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



(CONT.)

HINGES



Remove wide screws and replace with 16mm screws to fit the plate to the aperture



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



STRIKE PLATE





Mark out the width of the strike plate on the door and the aperture parallel to the catch using a Stanley knife Remove the trim lip from the door and the aperture allowing the strike plate to sit flush onto the wood, then fit using 2 x 16mm screws*



*adjust before tightening

HANGING DOORS

CHECK & MAKE SURE...

The doors sit flush and open and shut correctly

Now follow the same process of hanging all the doors before continuing to page X



SOFT CLOSE DRAWER ASSEMBLY







SOFT CLOSE DRAWER ASSEMBLY



Attach the mounting clips



Fit the drawer rear using 16mm screws



Fit the drawer base using 16mm screws, ensure the base is flush to avoid gaps





SOFT CLOSE DRAWER ASSEMBLY



Fit the drawer face catch



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



Clip the face into the side runners



FRIDGE POD ASSEMBLY



Ensure the block sits flush before screwing, some sanding may be required



Align the Drawer fixing blocks and fit using 5 x 25mm screws into the same pilot holes as the picture, do not counter sink far enough to go through the both material





Fit the runners to the blocks using the pilot holes provided, ensure you have the correct runner on each side. Repeat on opposite fridge pod

(CONT.)

FLOOR ASSEMBLY

OVERVIEW

The integrated floor design allows you to build the units in the comfort of a workshop or garage then simply lift them into the van. This allows for any electrical work to be carried out before the units have been fitted. Take care when lifting the units, and never lift from the floor alone as you may snap the join.



(CONT.)

FLOOR ASSEMBLY



Glue the biscuit join, do not over glue



Screw the floor together with the fixing plates using 16mm screws



Now finally Trim the floor as a one





TOOLS

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





(CONT.)

WARDROBE ASSEMBLY

OVERVIEW

The wardrobe is the most time consuming part of assembly Its important you follow each step in order of instruction Use 16mm screws unless directed otherwise This is a two person job You will need a large clean flat surface Do not counter sink 25mm screws



TAMBOUR APERTURE



Always remove the rear trim lip from any tambour door aperture, failure to do so will result in a noisy and rough tambour opening, if you have no upgraded tambour ensure to do this on the large standard tambour







Firstly, stick the wardrobe LED into the profile and re attach the cover case







Remove the T Trim lip from the underside of the bottom shelf inner



Remove the T Trim lip from the underside of the bottom shelf



Fix the wardrobe bottom shelf inner to the underside of the shelf using 25mm screws







Place the wardrobe face down



Slot the bottom shelf, divider and lid shelf into the rebates DO NOT SCREW



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







Fit the wardrobe upright (R) align all rebates and start from the base working up to the top using chock blocks and pilot holes



Ensure all rebates are flush and fit together nicely



Ensure the bottom shelf is seated correctly before fixing







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







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



Fit the lid shelf to the upright (R) ensure the joins are tight and flush



Secure top of divider with a block



*You may countersink
(CONT.)

WARDROBE ASSEMBLY



Repeat the process with the left upright



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



(CONT.)

At this stage you have two choices, you can continue to assemble outside the van or begin to build inside. Building outside the van is easier, however requires an awkward three-man lift of the fully built units when finished. If you do not have three strong people available to lift, we recommend placing the floor base in the centre of the van and continuing inside





WARDROBE ASSEMBLY





Continue

Stand the wardrobe up click into the floor rebates.

Fix the wardrobe to the floor using 16mm screws, and pilot holes provided



(CONT.)

WARDROBE ASSEMBLY









Insert the tambour door into the wheel runners from the rear





WARDROBE ASSEMBLY







Glue the bottom track 14b onto the bottom shelf butt up to the tambour wheel. Repeat the process for the top track Close tambour door, Slide the Wardrobe tambour door upper shelf into rebates, then fit using chock blocks underneath with the pilot holes provided



(CONT.)

WARDROBE ASSEMBLY







Fit the blocks for the Wardrobe rear shelf



Fit the Wardrobe rear shelf flush with the rear





WARDROBE ASSEMBLY



T Trim the Wardrobe upright (L) starting on the arrow. Trim lip outside



T Trim the Wardrobe face starting on the arrow. Trim lip outside



T Trim the Wardrobe upright (R) starting on the arrow. Trim lip outside





WARDROBE ASSEMBLY



Finally slide the cubby hole insert into place





Fit the Kitchen unit face from the rear







Fit the shelf blocks









Fit the Kitchen unit shelf

Fit fridge pod (R) from behind, if you have the new twin door design fit with 1 x block at the top using the pilot holes





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



Now fit the rear support into place, be sure to have it the correct way



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









Mark and cut away the overhanging Trim on the inside of the drawer upper support



Screw the strike plate with 16mm screws



Fit the two chock blocks to the drawer upper support









Now you can fit the drawer upper support above the drawer





Adjust the drawer to fit perfect, ensure both fridge pods are equally 15mm 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.



Continue to screw the units to the floor, ensuring the face is inline with the cupboard 15mm from the floor edge



Fit the fridge upright (L) to the floor using 2 x 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) with 16mm screws

FITTING THE TABLE LEG AND RAIL







STOP!

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



FITTING THE TABLE LEG AND RAIL



Screw the table leg into the underside of the table with 4 x 20mm screws provided, ensure central



Fit the rail brackets 40mm from the table edge with 4 x 16mm screws in each bracket



Align the rail central and 30mm from the unit top



FITTING THE TABLE LEG AND RAIL



Rail 30mm from top of unit face



Fit the rail using a 25mm screws



Fit the center support using a 25mm screw



TABLE STOWAGE



Offer the table in and fit the left side storage holder, ensure its not too tight



Now fit the stowage clips using 30mm screws, the front one alone is sufficient, you will also find it easier removing the table when fitted



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 at seat correctly. Do not forget to fix down with blocks and 16mm screws, we advise pilot hole drilling the rear oak first





Cut the trim to fit flush with the worktop surface



Fit the drawer cover caps and insert your chopping board





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









If you have not done so already, fully prep your top locker for installation, do not forget to stick the LED in the profile poking the Qijie clip through the hole



Screw the blocks in place ready



With two people, offer the locker up and screw into place





Now neatly finish the trim around the top locker to butt nicely into the wardrobed upright (L)



Remove rear of trim from fridge pod (L) and wardrobe upright (R) ready for the splash back



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





Fit the splash back with 3 x small L brackets on the rear with 16mm screws







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







For further strength, screw through the splashback into the top locker base, ensure you are screwing in the correct place by measuring (pilot drill first) If you have purchased furniture only skip to slide 115 for fitting





ELECTRIC PACKAGE INSTALLATION 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.

Our integrated floor design allows you to build the units in the comfort of a workshop or garage then simply lift them into the van. This allows for any electrical work to be carried out before the units have been fitted. Take care when lifting the units, and never lift from the floor alone as you may snap the join. We recommend not trying to build in the van, you will require a good amount of space and a workbench



THE PROCESS











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 leaving us, any issue 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.
















Remove the protective masking tape

Fit the rubber edging, cut on completion and butt together

Fit the screw inserts, pre-drill any oak material











Fit the black screw caps

Fit the plug rubber seal







Screw the drain into place

Feed the tap through the tap hole

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









Heat one end of the freshwater pipe in hot water

Manipulate the pipe to give a wider berth

Fit the pipe to the water pump







Fit the other end to the tap inlet, push firmly, there will be an obvious audio clip Fit the 20mm waste pipe to the grey outlet under the sink, fasten with jubilee clip, heating in water may be required

STOP & READ

Always use 16mm screws unless stated otherwise, failure to do so will result in screwing the furniture board





FUSE BOARD AND MAIN LOOM

TAP



Screw the fuse board into place using the pilot holes provided



Feed the control switches through the C-line cut outs



Using the cut outs in the furniture, run the fridge and tap cables into place and p clip into position











Connect the tap and water pump using the labelled wago connectors, then P-clip or cable tie away



P-clip and cable tie the waste, water pipe and tap cable into the shelf notch



CONSUMER UNIT & SOCKET



Remove the consumer unit face and fit into position, ensure the short single 3 core blue cable and earth exits the bottom





Remove the 240 socket face and fit on the square below

Finally refit both faces



C-LINE CONTROL PANEL











Re attach the back cover of the 240 C-line socket



C-LINE CONTROL PANEL



Clip the controls into the fixing plate then screw into place aligning with the pilot holes provided

Clip the finishing cover plates over the top into position



CTEK/ BATTERY CHARGER AND TRAY









Screw the smart charger into possition and connect

Before fitting the battery tray remember to feed the strap underneath



BATTERY TRAY WARDROBE LED





Fit the battery tray using the pilot holes provided, have the cut-out entry point over the positive side

Clip the Wardrobe LED into the Qijie joiner, ensure the fit is correct



P-CLIP CABLE TIDY

Tidy up all wires and P-clip into place, it's important to have tidy and organised cables, here are a few pictures of how we do it. Where possible clip AC, DC and water separate





P-CLIP CABLE TIDY









VAN EARTH POINT

In order to access the vehicle earth point, you will need remove and cut a hole in the OS (driver side) rear quarter panel. In the following slides we will show you exactly where and how to do this.

If you are unable to remove the panel, skip to slide 29, we have measured exactly where the earth point is for you to access without removing the panel.





Mark the earth point 330mm from the rear of the panel and 450mm from the van floor

VAN EARTH POINT





Remove the panel



VAN EARTH POINT







VAN EARTH POINT LOCATION





100mm from the rear panel position

500mm from the van floor



VAN EARTH POINT





Fit the earth cables

Re attach the OS rear quarter panel





INSTALL PREP





Lay some protection to the van floor to prevent any scratches Tape the 240 hook up and vehicle battery cable inside the fridge aperture Repeat the process with the water tank pipes





INSTALL PREP





Feed the top locker LED through the splashback hole and connect to the Qijie joiner, ensure the fit is correct Align the units square and close to the van

Do not attempt to lift with the fridge or leisure battery installed, the units will be too heavy







- Allow the front person to now enter the van and regrip
- Tilt the units anti clockwise from the rear perspective
- Whilst on tilt, lift the units into the centre of the van until you can un tilt
- Ensure the rear piece sits underneath the boot lip
- Do not push back and fit



It's important to note this is a three-person minimum lift.





CONNECTING THE LEISURE BATTERY



Attach the battery terminals





Fit the battery to the stary and secure with the strap

Pull all live red cables and the CTEK thermometer through the rubber terminal



CONNECTING THE LEISURE BATTERY



Fit the studs over the terminal positive, then firmly tape the thermometer to the terminal



Fit the rubber terminal and repeat the process for the negative, include the black earth cable



Attach the consumer unit earth with the wago clip



Offer the units into position but do not fit into place



CONNECTING TO THE VEHICLE BATTERY



Firstly, remove the cover above the vehicle battery



Locate the firewall hole



Fit a 25mm rubber grommet



CONNECTING TO THE VEHICLE 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



SMART ALTERNATOR

From 2015 the Later T5 BlueMotion and T6 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 this smart alternator, you will have a third 1mm red cable with a 'piggyback fuse' on the end that will need to follow the path of both the red vehicle battery cable and artic blue 240 cable until slide 115 where you can plug into the fuse board. If you are unsure if you have a smart alternator please see link below

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



CONNECTING TO THE VEHICLE BATTERY







Remove the lower panel on the drivers side

Remove the drivers sidestep

Cable tie the two cables and feed underneath the pillar trim into the sidestep



CONNECTING TO THE VEHICLE BATTERY







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



SMART ALTERNATOR



Remove the 15amp fuse from the centre column second down



Insert the 15amp fuse into the piggyback and fit in the same location



SMART ALTERNATOR

The previous slide determines your switch/ ignition live fuse (in most cases) however some fuse boxes can slightly differ.

If your leisure battery is not charging when the engine is on, you may not be piggybacked to a correct switch/ ignition fuse. Please see video link below for more helpful info

https://www.youtube.com/watch?app=desktop&v=a 1yoS5WfBF8



CONNECTING TO THE VEHICLE BATTERY









Pull both through then remove the guide wire and tape

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



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



CONNECTING TO THE VEHICLE BATTERY

LIVE NEUTRAL



Locate the finish position of both cables and cut any excess







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



CONNECTING TO THE VEHICLE BATTERY







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





Before securing the units to the van, we advise running an electrical test. Check all components are working correctly, if there are any issues, please see page 72. Make sure your consumer unit is on with the breakers in the off position.









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 drawer for easier access





Now screw into the floor using 25mm screws.



Remove the battery access flap in the rear wardrobe to locate the two pilot holes, be mindful of the electrics



Continue in the main compartment.





Finally, the fridge aperture .



Offer the fridge into position and connect the feeds using the wago connectors, check the fridge is working before fixing



Remove the fridge fixing point caps, screw though into the aperture, use 30mm screws, be mindful not to screw through the ply



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