

Change your view in a campervan

HOW TO GUIDE

Fit Your Clearcut Pod Unit

We have a wide range of Campervan Pod units available, these can be fully customised in terms of size, finish and facilities. Our Pods are designed to be fitted with most popular makes and sizes of campervan rear seating. We are main stockists of RIB Altair and Smartbed seats and recommend these options to complement your Pod unit and complete your van conversion. The pods we manufacture come ready to install into your van, they are pre-wired and plumbed, however, there is still a certain amount of fitting required before they are operational.



As the pods can be installed into a variety of van models and positions it isn't possible to provide exact fitting instructions for all applications. Below we have presented generalised set of guidelines that will help you install, check and connect your pod unit. If you require further help or guidance please give us a call on 01271 373853, to talk to one of our technicians.

- Many of our pod units are sent out on a pallet for delivery, with this in mind the first point to check is that the pod is functioning correctly once you have received and unwrapped it.
- All our pods are bench tested prior to dispatch, however in the unlikely event of there being a problem with the working of your pod, we recommend the pods functions are checked prior to fitting. This will include attaching to a power source to check any 12v appliances, and also connecting to a gas supply (but not lighting) to check integrity of the pipe work.
- Please note that the gas supply is pressure checked before dispatch, however, due to movement in transit the integrity of the gas connections should be checked once you receive the pod, and again once the pod is installed into your van.
- Initial checks on gas pipe work can be undertaken with soapy water around the gas joints (watch out for bubbles forming from escaping gas – this would indicate an unsound joint and would need to be remedied).
- Once the pod is installed, we strongly advise that the gas supply is professionally pressure checked before use. The Truma regulator installed has a pressure test point that will allow for this.



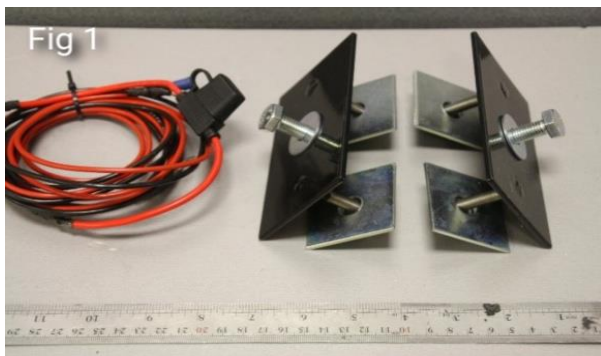
POSITIONING YOUR POD UNIT IN YOUR VAN

Our Pods will interact with a wide range of seating systems and sizes. Often the pods will be fitted under the window, behind the driver seat, to interact with a 2 seater rock and roll seat/bed.

The pod can also be fitted across the front of the van to interact with a full width seating design.

We are main stockists of RIB Altair and Smartbed seats and recommend these options to complement your Pod unit and complete your van conversion.

To allow the pod to be easily removeable we have developed floor plates ① ② onto which the pod is anchored. This allows the pod to be lifted out, allowing greater flexibility of your van, and can also allow you to use your pod outside in an awning.



- Once the pod is located in the preferred position inside the van provision will need to be made for the Flush Fitting Floor Plates and Gas Drop Vent. These need to have unrestricted access and clearance underneath the van.
- Mark the perimeter of the pod footprint onto the floor of the van. (Masking tape is good for this).
- Move the pod out of the way and position the Floor Plate Templates (supplied with the fitting kit) within the masked floor print. The templates should be positioned in such a way that allows the plate's threaded stems to be clear and unimpeded underneath the van. (make sure they aren't positioned over any beams running under the floor. The Plates need to be far enough apart to allow the pod to be stable when bolted down – the plates should ideally be at least 300mm apart).
- Once you are happy with the positioning of the Floor Plates in your van, within the footprint of the pod, drill 7mm clearance holes for the stems of the floor plates (use the template for reference). The holes are drilled straight through the plywood floor and metal floor of the van.
- With the clearance holes drilled, sink the floor plates flush into the floor of the van. If you have Vinyl or Altro flooring then this is easy to do, just cut around the circumference of the plates with a Stanley knife and peel the flooring away underneath to allow the plates to fit flush to the top of the flooring surface. ②
- Before you bolt the plates in place you will need to drill a 20mm hole into the plywood floor of your van to provide clearance for the plate's underside threaded insert.
- Once the plates have been inserted into the floor bolt them in place from underneath with the washers and nuts provided.
- Now drill a 5mm clearance hole through middle of the threaded insert of each floor plate (the hole is drilled completely through the plywood and metal floor of the van).
- Slide your pod back into position onto the marked foot print.

- From underneath the van drill upward, through the 5mm clearance hole to mark the underside of the pod.
- Now carefully tip the pod unit onto its side and use an 11mm drill bit to put clearance holes through the pod's base in the marker positions just drilled.
- Slide the pod back onto its footprint and you will now be able to place the M10 bolts through the pod base and bolt the pod onto the floor plates.
- For future reference and to make it even easier to locate the pod when re-bolting into the van after its removal you can lightly mark the front corner locations of the pod position onto the floor

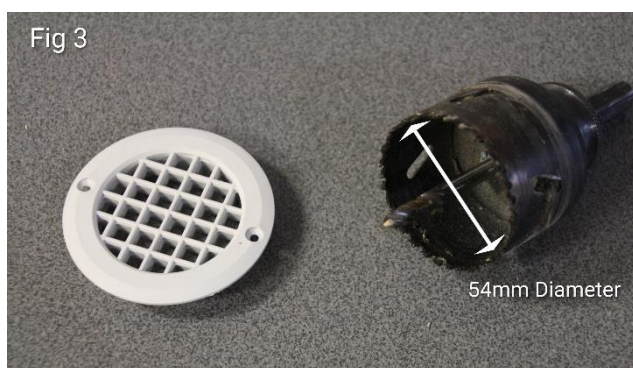
INSTALLING A GAS DROP VENT

A gas drop vents should be fitted into the floor of the pod close to the gas cylinder this should exit through the floor of the van. This should be in a position to allow free movement of gas through the floor of the van to the outside of the vehicle. This is fitted as an escape route for gas (gas being heavier than air) in case of a gas leak within the gas compartment.

It is best to drill the gas drop vent once the Flush Fitting Floor Plates and the Pod have been positioned and installed. Using a 55mm hollow cutter, drill from inside the pod, drill down ward, through the pod base, plywood floor base and metal floor base. Creating a hole to the outside of the van. (Make sure you have checked that there is plenty of clearance underneath the van).

Deburr and treat the cut edges with metal primer. Unbolt the pod and install a vent grill into the plywood floor ② then reposition the pod bolt in place and install a vent grill in the interior of the pod.

The gas drop vents supplied require a 54mm bi-metal hollow cutter to cut the venthole. ③



Most of our pod units are designed to run off Camping Gaz 904/7 cylinders. Inside the pod the cylinder is threaded onto the end of the Brass fitting with the red dial on top. The red dial is your Isolation knob, the gas supply should be turned off here when the hob isn't in use. There is a gas bottle strap within the pod's lower compartment, the bottle should be firmly strapped in place at all times. ④

We recommend that the pod's gas supply is checked over before use by a qualified technician, or at a minimum a person deemed competent in LPG installation, or those with suitable training.

CONNECTION TO A 12V POWER SUPPLY

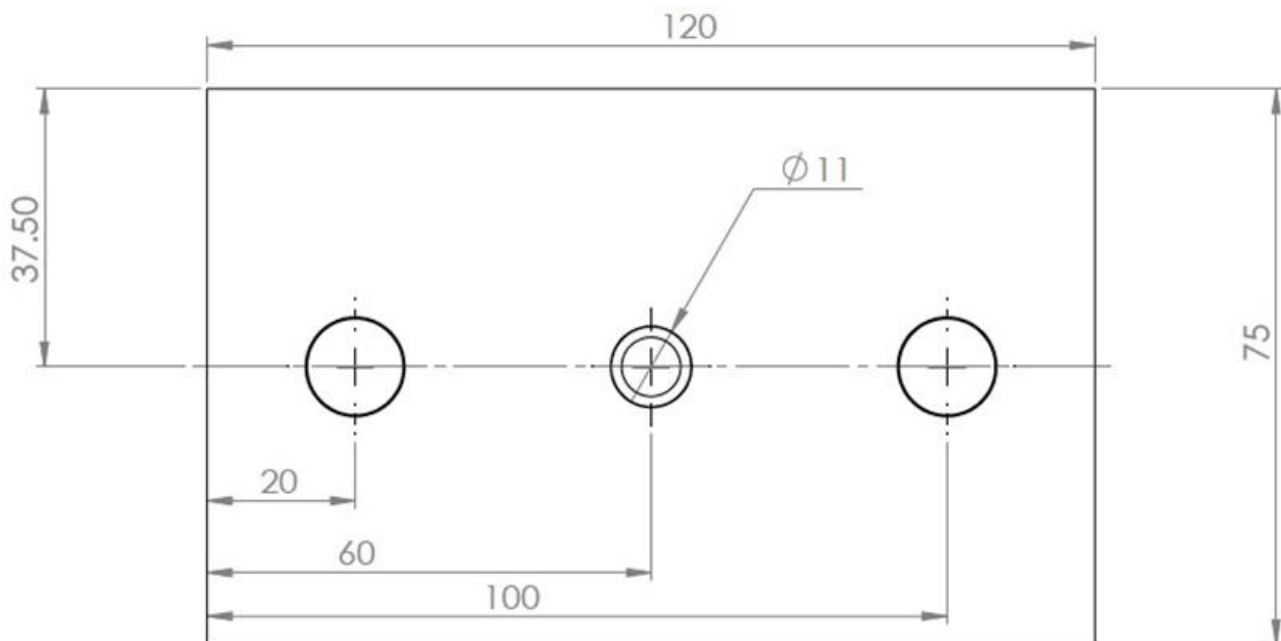
The pod unit comes with 2m of connection cable fused on the (+) line. Inside the pod top storage compartment is a short length of cable with push connectors fitted. ⑤ A suitable clearance hole should be drilled in the back of the pod for the connection cable to be routed to a 12v leisure battery ⑥ ⑦ – A low level battery can often be fitted underneath the Driver seat.



The connection cables should be routed and joined to the 12v leisure battery and the pod without the fuse being present in the fuse holder. Only when the connections are made and wiring complete should the fuse be placed back in the fuse holder, ready for the pod to be used.

We recommend that a 110amp leisure battery is installed with pods units incorporating a 12v compressor fridge.

If your pod unit does not have a 12v compressor fridge it is possible to wire the pod to your vehicle battery, without the need of having a leisure battery fitted.



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