Clearcut Campervan Design

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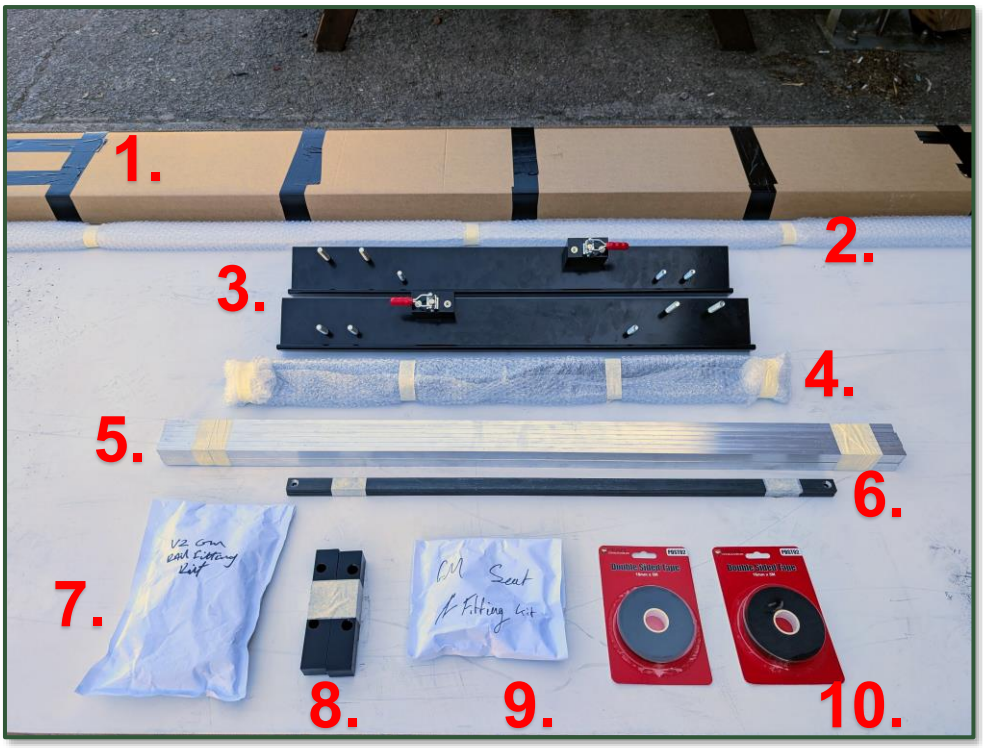
GlideMotion – Version 2 – Fitting Guide

Transporter T5/T6

Important note – As this is a primarily bonded system, strict adherence to the steps laid out in this guide is a must to ensure safety in the system when complete.

Our new design uses 15mm board for the floor and packers.

Step 1 – Component Parts - Check



1. Pair of rails
2. Aluminium rail covers (Finished edge)
3. Pair of feet
4. Right angle lengths x 2
5. Aluminium packers
6. Jig bars
7. Rail fitting kit
8. Pair of rear blocks
9. Seat fitting kit
10. Double sided tape x 2

Parts required but not supplied:

- 5mm insulation
- 15mm floor
- 15mm packers
- Floor covering
- Extra deep sidestep
- Adhesive – Sika 554
- Activator

These parts can be purchased separately

Step 2 – Checking position

In this step we are checking the lock-offs and fitting position.

- Bolt metal jig pieces to the rails using M6 x 10mm bolts. (Fig.1)
- Ensure rails are square by checking the diagonal measurements.
- Slide both feet onto the relevant rail and lock-off in the centre, the lock off handles should be to the front of the foot. Place rails into the van. (Fig.2)
- Lift the RIB seat onto the protruding 10mm threads of the feet and lightly tighten the bolts. (Fig.3)
- **Check that the seat locks off at each point – The red handle plungers should spring up and lock-off at the same time, at this stage we want to confirm that the feet are locking off correctly before proceeding.**
- Use this time to confirm fitting position, ensuring enough space down the passenger side to access handles and miss the B pillar.
- When you are happy you can remove the seat and the feet from the rails for now.
- For the T5/T6 you will find that you likely need to knock down the arch slightly to ensure the bolts pass easily.


FIG.1

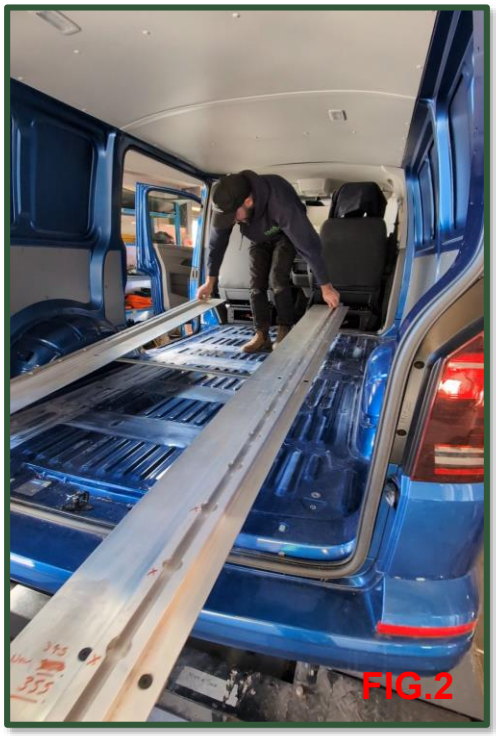


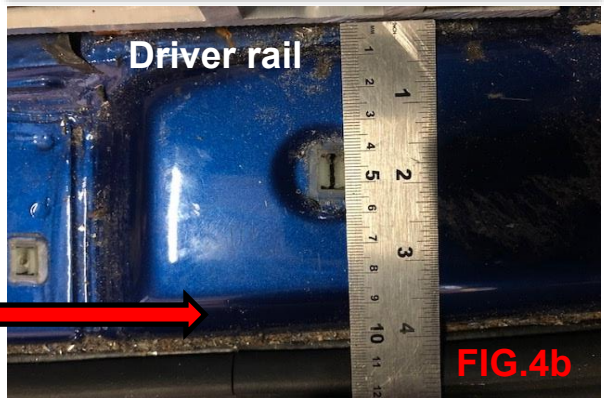
FIG.2

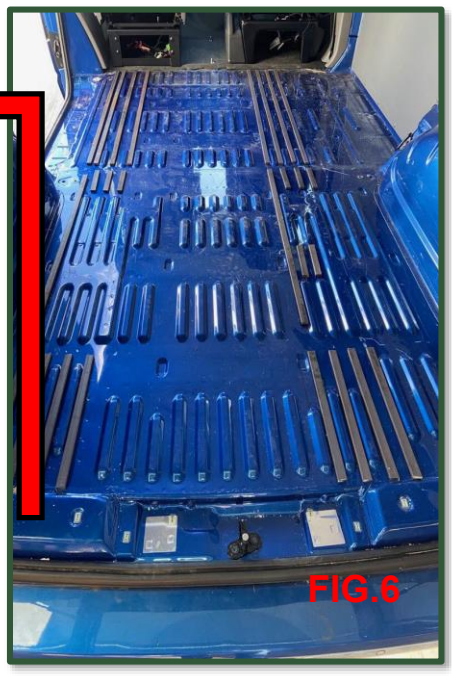

FIG.3

Step 3 – Rail Installation

Next, we are preparing the floor and rails before fitting.

- Position the rails in the van according to the image and dimension below, ensure the rails are running square, use metal floor corrugation as reference. (Fig.4)
- Draw around the rails with a permanent marker remembering to mark the countersunk holes too, now remove the rails from the van.
- Key the metal floor within the rail footprint with scotch, wipe and then degrease with degreaser. (Fig.5)
- Degrease the metal packers, both sides using scotch pad and degreaser. Position the metal packers within the rail footprint as shown in (Fig.6) N.B Make sure that none of the bars cover the countersunk hole we marked earlier.
- Position the 15mm ply spacers required as per image and glue down with a small amount of silicone or similar. The packers are included with our floor kit, otherwise you will need to cut your own.(Fig.7)
- Add a thin bead of Sikaflex 554, to each of the metal packers and push onto the metal floor so they are flush with the top of the corrugation.(Fig.6)





Step 3 – Rail Installation Cont.

- Carefully lift the rails into place and bed down onto the adhesive (Fig.8) – (Tip – lightly walk on the rails to help the bedding)
- Check again that the feet lock off correctly up and down the rail before drilling through the van floor in the pre-drilled holes then push through the M8 bolts. ***Once all bolts are protruding you can fit the plates on the underside and tighten, be careful not to overtighten, if the rail pulls down you need to loosen this up, it should just be holding the rail in place, not pulling it down.***
- ***Check the rail is running flat and level by using a rule or flat edge.***
- ***Fit the RIB seat frame onto the feet as before and ensure correct operation and lock-off, again, critical at this point to check that the feet and lock-offs are all working, this is the last point we can make any fine adjustments before leaving the glue to cure.***
- Fit the ply floor – See step 4 (Fig.9)
- Carefully cut the aluminium rail cover strips to size and fix in place onto the rail with double sided tape provided.
- **Leave the seat locked off in the forward most position whilst the glue cures.**


FIG.7


FIG.8


FIG.9

Other Information:

- The **rear angled bar** (Black) is an important component for the strength of the system and will need fitting before you load the seat in for the final time. (Fig 19/20)
- The **front bar** is optional and can be used to help create the tray for the underside, this is simply screwed and glued if needed. (Fig 21)

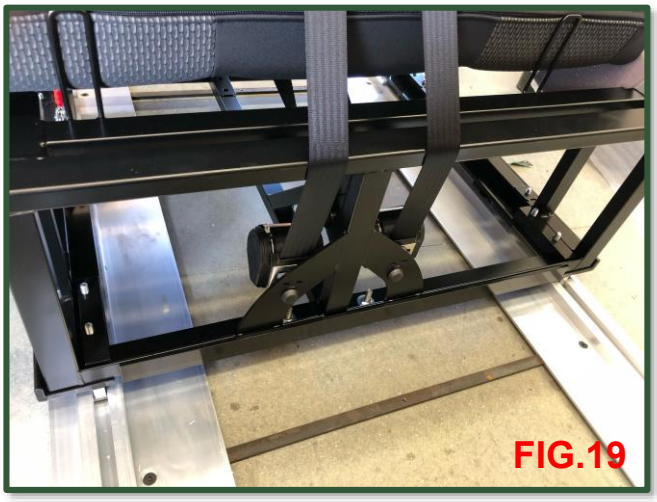


FIG.19


FIG.20

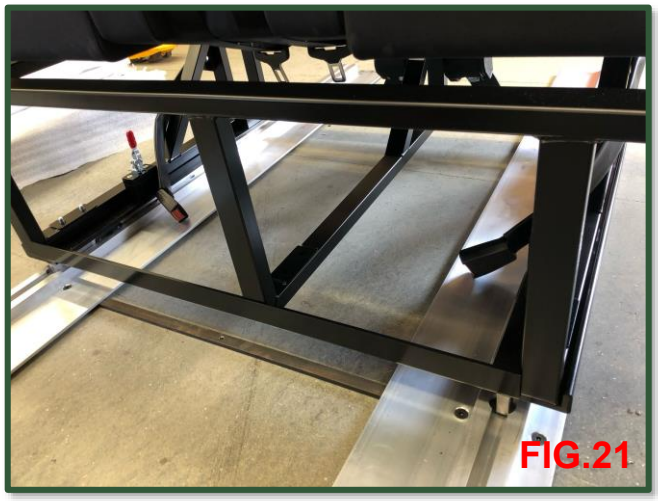


FIG.21

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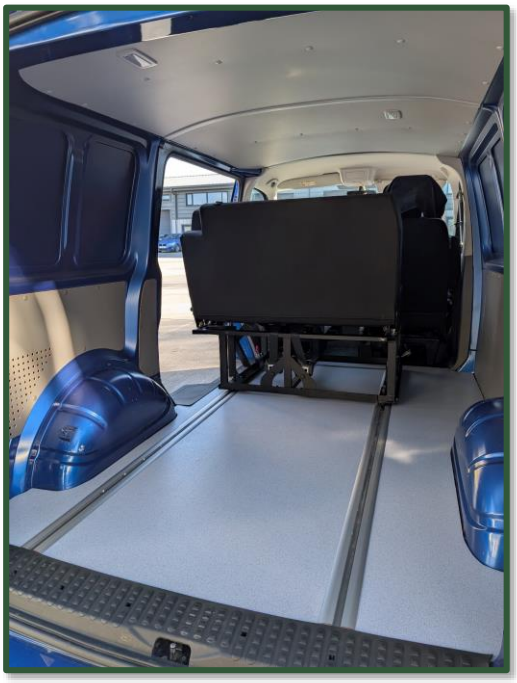
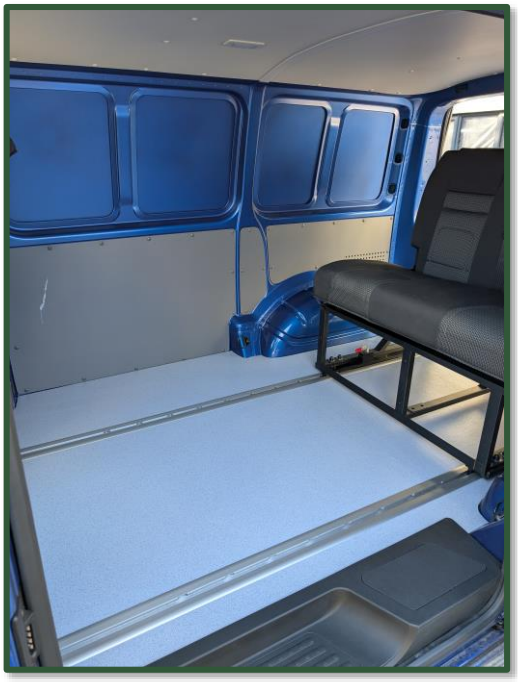
Complete images:

- Once your floor is in and fitted, we can go ahead and fit the seat onto the feet and rails.
- Always ensure that the seat is locked before driving away.
- Now enjoy and don't forget to share your feedback with us, this new system has been designed from the ground up based on feedback from fitters and users, so your feedback is crucial to the ongoing development of this fantastic rail system.



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Aluminium Packers – Cutting list T5/T6 SWB:

When using 1075mm aluminium rails, here's the cutting plan:

You will need **14** of the 1075mm aluminium rails.

Here's how each rail can be cut:

- **Rail 1:**
  - Cut: 1075mm
  - Remaining length (waste): 0mm
- **Rail 2:**
  - Cut: 1075mm
  - Remaining length (waste): 0mm
- **Rail 3:**
  - Cut: 1075mm
  - Remaining length (waste): 0mm
- **Rail 4:**
  - Cut: 1075mm
  - Remaining length (waste): 0mm
- **Rail 5:**
  - Cut: 1075mm
  - Remaining length (waste): 0mm
- **Rail 6:**
  - Cut: 1075mm
  - Remaining length (waste): 0mm
- **Rail 7:**
  - Cut: 1075mm
  - Remaining length (waste): 0mm
- **Rail 8:**
  - Cut: 1075mm
  - Remaining length (waste): 0mm
- **Rail 9:**
  - Cut: 850mm, 150mm
  - Remaining length (waste): 75mm
- **Rail 10:**
  - Cut: 850mm, 150mm
  - Remaining length (waste): 75mm
- **Rail 11:**
  - Cut: 320mm, 320mm, 320mm
  - Remaining length (waste): 115mm
- **Rail 12:**
  - Cut: 320mm, 320mm, 320mm
  - Remaining length (waste): 115mm
- **Rail 13:**
  - Cut: 320mm, 320mm, 150mm, 150mm
  - Remaining length (waste): 135mm
- **Rail 14:**
  - Cut: 150mm, 150mm, 150mm, 150mm
  - Remaining length (waste): 475mm

The total waste across all rails using this plan will be **990mm**.

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Aluminium Packers – Cutting list T5/T6 LWB:

You will need **17** of the 1075mm aluminium rails.

Here's how each rail can be cut:

- **Rail 1:**
  - Cut: 1075mm
  - Remaining length (waste): 0mm
- **Rail 2:**
  - Cut: 1075mm
  - Remaining length (waste): 0mm
- **Rail 3:**
  - Cut: 1075mm
  - Remaining length (waste): 0mm
- **Rail 4:**
  - Cut: 1075mm
  - Remaining length (waste): 0mm
- **Rail 5:**
  - Cut: 1075mm
  - Remaining length (waste): 0mm
- **Rail 6:**
  - Cut: 1075mm
  - Remaining length (waste): 0mm
- **Rail 7:**
  - Cut: 1075mm
  - Remaining length (waste): 0mm
- **Rail 8:**
  - Cut: 1075mm
  - Remaining length (waste): 0mm
- **Rail 9:**
  - Cut: 850mm, 150mm
  - Remaining length (waste): 75mm
- **Rail 10:**
  - Cut: 850mm, 150mm
  - Remaining length (waste): 75mm
- **Rail 11:**
  - Cut: 390mm, 390mm, 150mm
  - Remaining length (waste): 145mm
- **Rail 12:**
  - Cut: 390mm, 390mm, 150mm
  - Remaining length (waste): 145mm
- **Rail 13:**
  - Cut: 390mm, 390mm, 150mm
  - Remaining length (waste): 145mm
- **Rail 14:**
  - Cut: 390mm, 390mm, 150mm
  - Remaining length (waste): 145mm
- **Rail 15:**
  - Cut: 320mm, 320mm, 320mm
  - Remaining length (waste): 115mm
- **Rail 16:**
  - Cut: 320mm, 320mm, 320mm
  - Remaining length (waste): 115mm
- **Rail 17:**
  - Cut: 320mm, 320mm, 150mm, 150mm
  - Remaining length (waste): 135mm

The total waste across all rails using this plan would be **1095mm**.