

GlideMotion – Version 2 – Fitting Guide

T5/T6/Transit Custom 1st Gen

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.

**Transit Custom details and changes can be found at the back of this guide.
Our new design uses 15mm board for the floor and packers.**

Step 1 – Component Parts - Check



- Metal jig pieces x 2
- Aluminium packers x 26
- Rails x 2
- Rail Covers x 4
- Double sided tape
- Rail nuts, bolts and plates
- Rail running feet x 2
- Rear blocks x 2
- **Scotch pad (Sold separately)**
- **Activator (Sold separately)**
- **Sika Flex x 4 or 5 SWB/LWB (Sold separately)**
- **Wood packers (Comes with floor kit if purchased)**
- **Floor kit (Sold separately)**
- **Sidestep kit (Comes with floor kit if purchased)**
- **Sidestep itself is not included but can be bought 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.



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 the scotch pad provided, 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.**



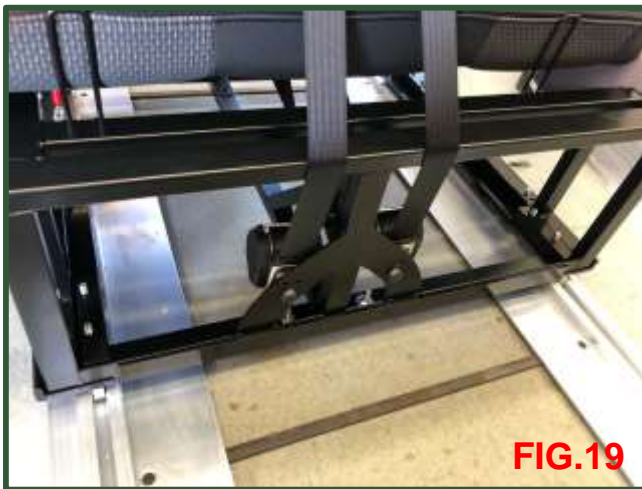
Step 4 – Ply floor kit installation (If purchased)

- Layout the ply kit in the van around the rails to ensure the correct fitment and position of parts.
- With a mallet knock in the 20mm x 2mm aluminium joiner into the end slot of the plywood.
- On a flat floor outside of the van use PVA to join the boards together, forming three individual pieces.
- Once the glue is dry, sand down the join so that there is no ridge.
- Use Altro floor covering or similar 3mm floor product and bond to the ply.
- Cut back the Altro floor flush on the edges that are against the rail edge. Leave a 20mm overhang on all other edges (This can be cut back in place to ensure a good finish).
- Cover the metal floor (spaces left between ply spacers and rails) with 5mm foam insulation. We recommend a light covering of spray adhesive to fit it down. (Fig.11)
- Lightly glue 2mm foam insulation to the underside of the plywood floor, then cut away small areas of the insulation to expose the plywood in locations that coincide with the plywood spacers on the van floor. This allows a ply-on-ply bond. (Fig.12)
- Use a small amount of Silicone or Sikaflex to glue the ply floor onto the ply spacers on the van floor.
- Add a small amount of silicone in the key areas that we have exposed ply, metal and rail.
- Lift in the floor pieces one at a time and bed down onto the silicone, you may want to add some weight to ensure the ply floor is flat whilst it dry's.
- ***When letting the glue cure you must ensure that either the seat is out of the vehicle or, if it must be inside, then lock-off at the front, not in the middle or at the back as this could cause the rail to bow under the extra weight while the glue is setting.***



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)



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.



Transit Custom - Amendments

- The packers in the Transit Custom will be laid out differently – (Fig.14)
- When dry fitting to find your fitting position for the rails, we simply want to ensure the rails are touching the step at the front that leads into the cab. (Fig.15)
- Then take a measurement from the inside of the wheel arch to the edge of the rail to match the dimensions in the image below (130mm) (Fig.16)
- Infill with wood packers and insulation as shown in image. (Fig.17)
- Be careful on the underside as one of the bolts will pass very close to the cables for any tow bar you may have fitted. (Fig.18)

