

Installation Instructions for the Vamoose Combi-Rail Mercedes Vito old and new shape ,SWB,LWB,ELWB,LHS,RHS all variants

Tools Required:

- Sturdy Steps or Trestle
- Metric Tape measure
- Battery Drill/Driver with Phillips 2 bit
- Masking Tape /Super glue
- Pencil or Sharpie
- PH2 Hand Screwdriver
- Skeleton/Caulking Gun
- Tube of Black Sikaflex 221 (if not supplied)
- An Assistant



Step One From the designated start point (sealant line in roof) as shown in the photo **Measure 330mm +/- 3mm** forwards, towards the windscreen, and mark with a vertical pencil line. This is the front start point for the main rail on all variants of the Mercedes Vito LWB , SWB , Extra LWB , LHD & RHD .

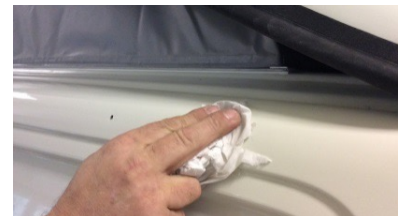


Step Two Use the top of the Vitos' natural crease line as a reference point to sit the bottom of the rail against this is the crease just above the shut line of the sliding door . With the help of an assistant, hold the rail on this reference point and also the designated pencilled start point at the front of the van, you may need to mark with a pencil and carefully cut away any sealant behind the rail that will prevent the rail sitting flush , now hold the rail back in position .

Step Three Using the self- drilling pilot screws supplied (**silver**) start from the middle of the rail and work forwards towards the windscreen secure the rail to the van - **TAKING CARE NOT TO OVER TIGHTEN** - Bend the rail to the contours of the van (the Combi-Rail is made from a malleable alloy to make this process easier) When the front half is secured do the same from the middle of the rail towards the rear of the van.



Step Four Remove all the temporary self- drilling pilot screws, and put the rail to one side. With the supplied IPO wipe, clean the entire area thoroughly where the complete Vamoose Combi-Rail will sit, and also the back surface of the Combi-Rail itself. (Retain moist wipe for clean up afterwards) **DANGER ! BEWARE OF ANY SHARP BURRS LEFT FROM THE DRILLING PROCESS**



Step Five Apply a bead of the adhesive sealant (either supplied with DIY kit or use Sikaflex 221 if trade user) the bead should be no more than 8mm or approx pencil width, and run down the **centre** of the back of the Vamoose Combi-Rail, using this correct amount will minimise any clean up after installation.



Step Six Apply a tiny amount of the sealant over each pre-drilled hole in the van. With the help of an assistant, hold the rail in position being very careful not to smudge the sealant bead. Fix the rail into the pre-drilled holes with your PH2 **hand screwdriver** using the supplied **black stainless steel screws**. Again, start from the middle, work towards the front, and then from the middle towards the rear. **TAKE CARE NOT TO OVER TIGHTEN THE SCREWS** the sealant is the main fixing once cured.



Step Seven Dry fit the front rubber profile following the contours of the van, put a pencil reference mark when happy with position. Peel the red backing from the 3M tape and carefully fix into place following the reference mark - **YOU ONLY GET ONE CHANCE!** Press firmly into place all the way along. Mask and seal with Sikaflex.



Step Eight Take the rear end stop, apply sealant to the back and push into place. This can be held in place with tape until cured (24 Hours) or , **GOOD TIP:** A spot of quality superglue can be used to hold the end caps lug in the gutter until the sealant cures, use the IPO wipe first to degrease, super glue accelerator can also be used to speed up cure time .

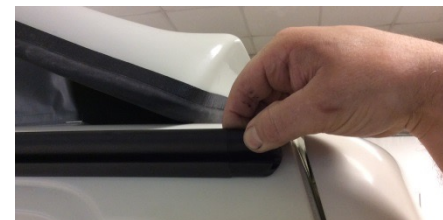
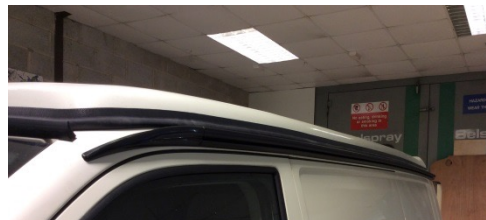


Step Nine When the front and rear end stops are finally positioned, and you are happy with the appearance mask off the surrounding area and fill any gaps around the end stops with sealant. **Ensure that you clean off any excess sealant** using the retained wipe. You can also use white spirits or panel wipe to clean off excess if you have accidentally smudged or over applied sealant. Please allow 24 hours to cure fully before attaching any awning or roof rack etc. Dispose of any unused products responsibly.



Our Vamoose rails use a standard 6mm x 6mm Kador Strip to fasten any industry standard awning to your van , we also manufacture a universal bracket to install most Fiamma wind out awnings to our Combi Rails.

NB ; Some pictures used are of other marques of vehicle , these are for illustrative purposes only as the fixing methods remain the same , however the start point given in step one is specific to the vehicles listed at the top of the instructions . It is solely the installers responsibility to double check all dimensions and the fit line before drilling / screwing into the vehicles bodywork , measurements are given as a guide only .



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