



# SENDER VAN STANDS

## 600 / 900 / 1200 PLATFORMS



Thank you for buying one of our new VAN STANDS. The system is modular so you can adapt and grow your transportation system. The Stands are made from STRONG and DURABLE 18 mm Phenolic Plywood. We use Stainless Steel Bolts and Screws.

- You can remove the stands from the BASE PLATFORM!
- You can adjust the distance between bikes!
- You can adjust the stands to the width of tyre!
- You can add more stands to your Platform!
- You can easily secure the Unit to the Van!
- You can easily add additional strapping to secure your bikes to the stands!

What we cannot do is offer specific advice on each and every van. There are too many variations and so we must leave it to your judgement to check the Platforms will work in your van. You must secure the Units to your van and MAKE SURE the stands are properly adjusted to hold your bike in transit!

We are always happy to speak with our customers and we will help where possible – please email [support@sender-ramps.com](mailto:support@sender-ramps.com)

### ASSEMBLY TOOLS

- 1 x 6 mm Hex Allen Key
- 1 x POZI 2 Driver Bit
- 1 x Drill Driver
- 1 x 4 mm Drill Bit
- 1 x Roll Tape
- 2 x 17 mm Spanners
- 1 x Tape Measure

Please make sure you protect your work surfaces and wear appropriate PPE.

# THE ASSEMBLY OF ALL SIZES OF PLATFORM ARE VERY SIMILAR! HERE WE DESCRIBE THE PLATFORM 600.

## COMPONENTS



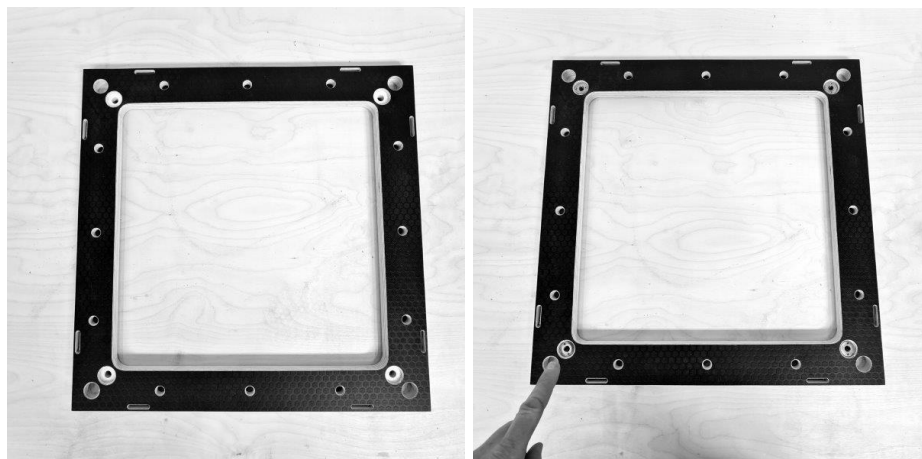
RAILS AND PLATFORM – STAND SIDES – PLATFORM FULLY ASSEMBLED WITH SINGLE STAND

## STAGE 1:

Take your 600 / 900 / 1200 Platform frame and place LARGE T Nuts into all of the holes on one face. The screws should pull the T Nuts Flush and LEVEL and the screws should not protrude above the surface. You can check with a block.



Turn the Platform over and place 4 x SMALL T Nuts into the holes in the corners. Secure with screws



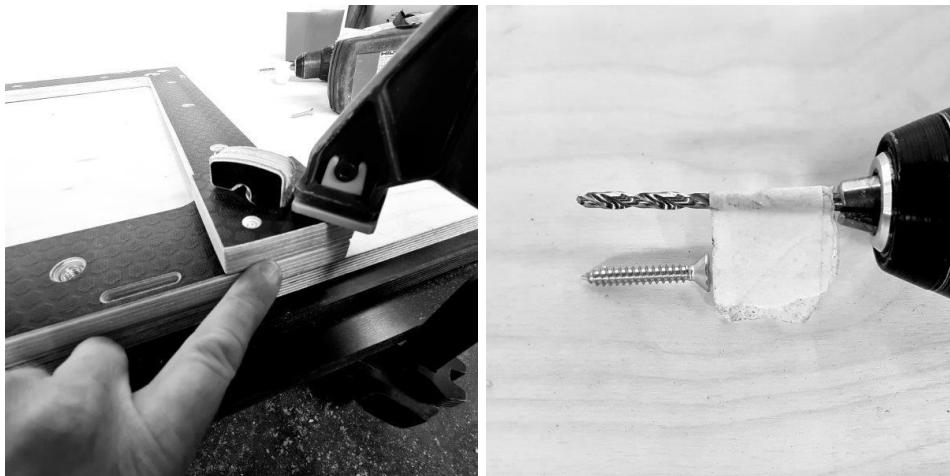


## STAGE 2:

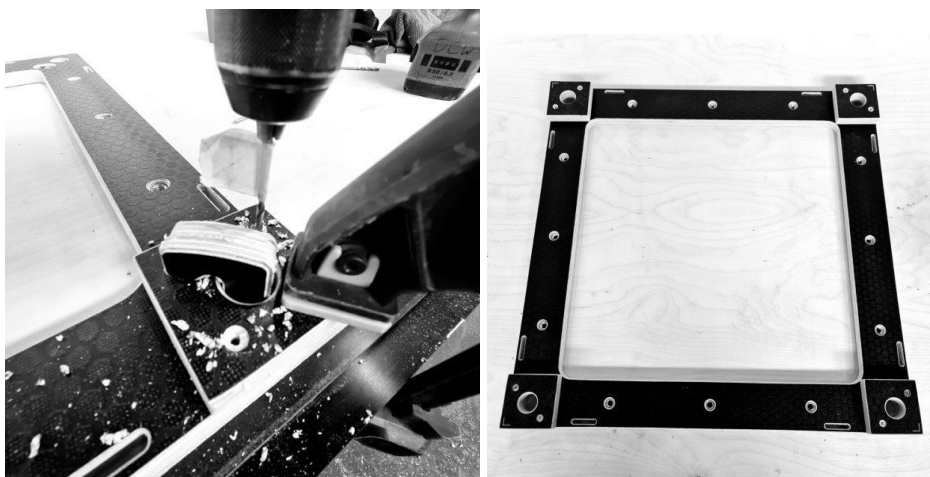
Take a Mounting block and place this over the large pocket in the corner of the platform. Use the Install Finger to hold and locate the block in the pocket. Make sure you turn the block so the "V" points to the corner.



Clamp the block to the Platform. Use tape to mark the depth of hole on the drill bit. The hole should be the same length as the 4 x 30 Screw.



Drill through the screw marker points. PLEASE BE AWARE THAT STAINLESS STEEL IS SOFT. It is very easy to round the head of the screw. Apply constant and firm pressure to avoid problems. Install all of the Mounting Blocks.



## OPTIONAL - STAGE 3:

This stage is OPTIONAL because you may prefer to sit your PLATFORM flush with the Van Floor! Adding the feet will raise the PLATFORM. These feet may coincide with other rails / features on the van floor. Turn the PLATFORM over so you can see the base. You need 4 x Small Tilting Feet, 4 washers and 4 Nuts. Wind the nut ALL THE WAY down the thread of the feet. Wind the feet into the T Nuts by finger first. Tighten the nuts using a 17 mm Spanner. You may wish to use thread lock. It is always better to lift the Unit than drag it. This will reduce damage to the feet.



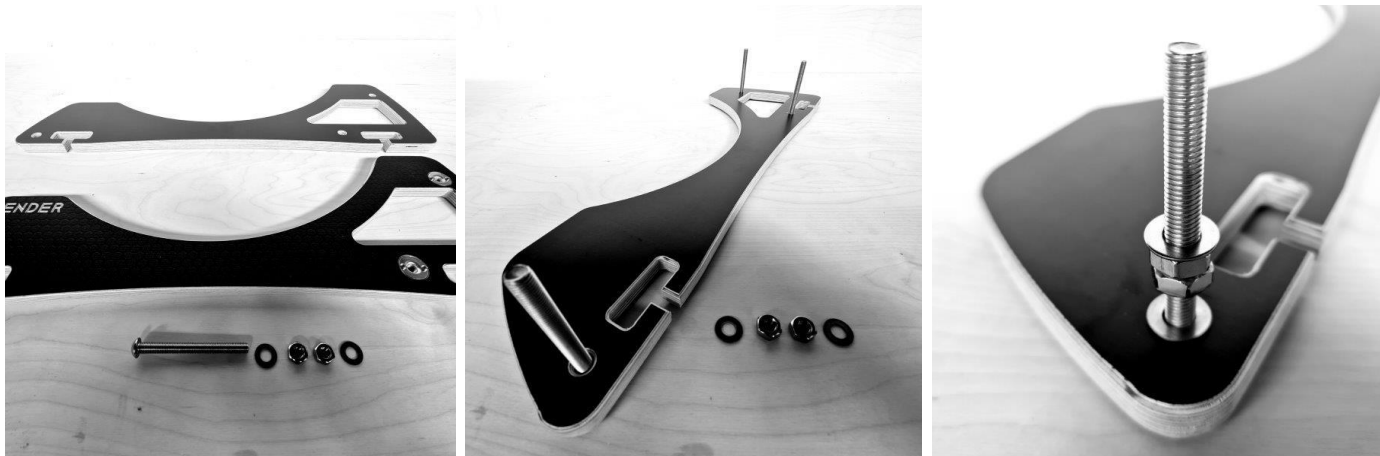
## STAGE 4:

### BUILDING YOUR STANDS AND RAILS

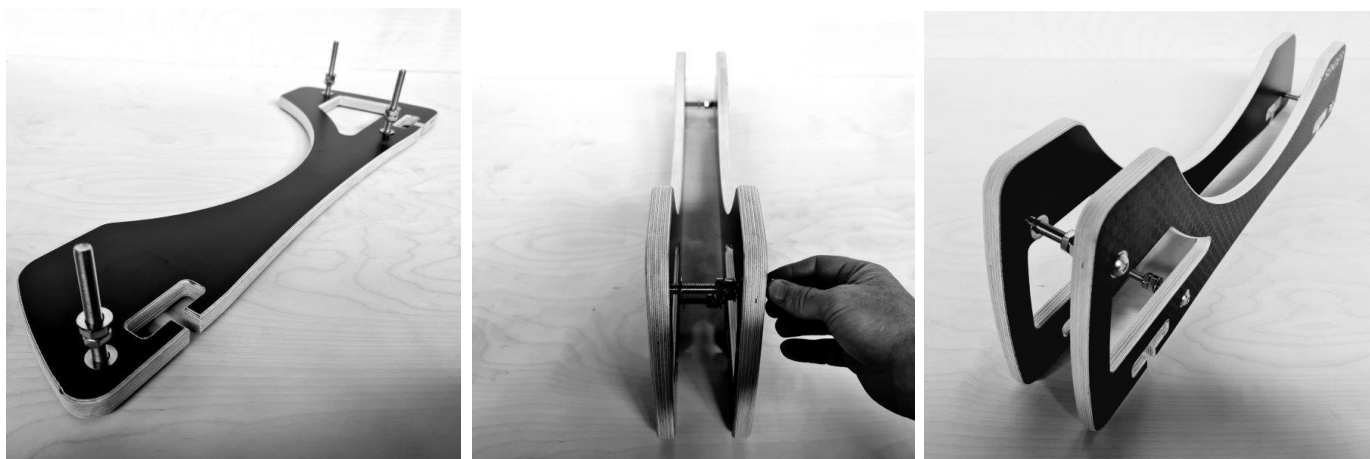
Take your Stand Sides and place 3 T Nuts into the side with the large T Nut Pockets. Secure with 6 Pan head screws.



Your stands can be adjusted for any wheel width. If you have Fat Bike Tyres you may need to purchase additional longer bolts. If you have Race BMX or Road then the bolts supplied will work but you may wish to purchase shorter bolts so they do not protrude so far out the other side of the Stand sides. This is purely cosmetic.



The Bolts are placed through the side of the stand without the T nuts. Place a washer onto the thread then two nuts. You should keep the nuts in the middle of the thread until you have adjusted the stands to the width of your tyre. Place another washer onto the thread. Repeat this in the other two holes. Stand the two sides vertically. Wind the bolts into the T nuts by FINGER – Never with tools as you could easily cross thread the T Nut. NEVER force the bolt.



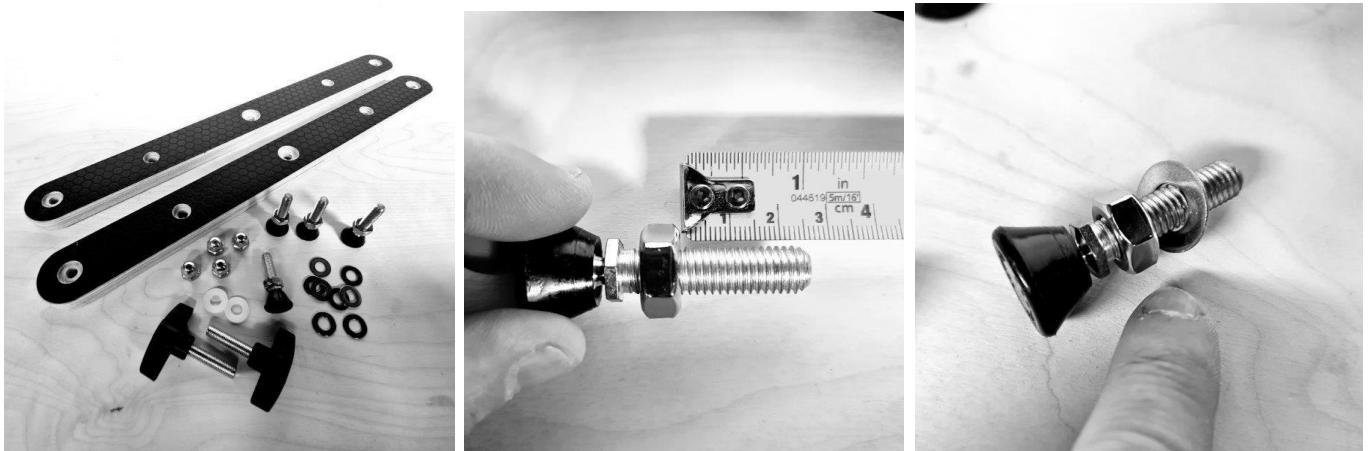
Next measure the width of your tyre. Transfer this size to your stand and adjust the bolts to match this size. At this stage it is handy to have wheel so you can check the fit exactly. The perfect fit is when there is some friction and a firm push is required to seat the tyre. When you are happy wind the nuts out to meet the face of the plywood. Use a 17 mm Spanner to tighten the nuts against the side panels.





## STAGE 5:

Take one of the long threaded feet. Wind a nut to the bottom of the thread. Use a tape measure and wind the nut back out to 25 mm. Attach a small washer. Repeat the same for all 4 feet.



Place one of these through the end of the rail. Place another washer over the end of the thread and then wind a Dome nut onto the thread until flush with the washer / plywood. Using 2 x 17 mm Spanners tighten the nut and dome nut. For a more permanent fixing you may want to use some thread lock.



Repeat on the second rail. Place the rails through the slots in your Stands. Then repeat the process to attach the last two feet. This will TRAP your Stands on the rails. Remember to tighten the nuts and dome nuts with 17 mm Spanners.



Push the Rails through the Stands and fit the last two feet on the other side!



## STAGE 6:

You can now install the Handles / Knobs that secures the Rails to the Platform. These are placed in the centre hole on the rail. If you have MTB Tyres you should be able to locate the handle / knob in the middle of the stand! Otherwise there is room either side of the knob for the stands.





Place the Knob through the hole in the Top of the RAIL. Use the plastic RETAINER WASHER to hold the Knob to the Rail by pushing this up the thread on the other side of the rail.



## STAGE 7:

### MOUNTING YOUR STANDS AND RAILS TO THE PLATFORM

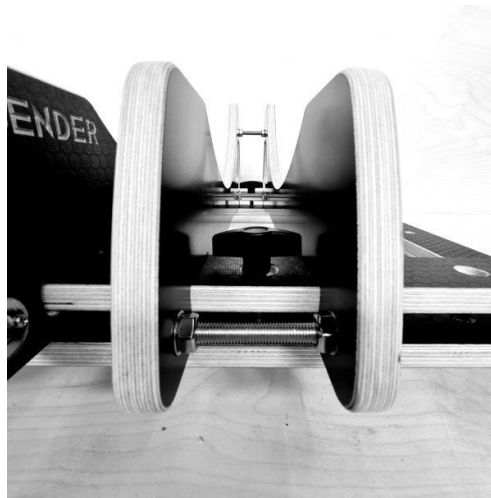
Lift the Stands and Rails as ONE Unit and align the end of the rails so they are equal. Place them onto the top of the Drawer Unit so the FEET are over the POCKETS. If they do NOT drop into the pockets immediately try adjusting the TILTING FEET so they are level. Make sure the stands are NOT sitting on the mounting blocks.







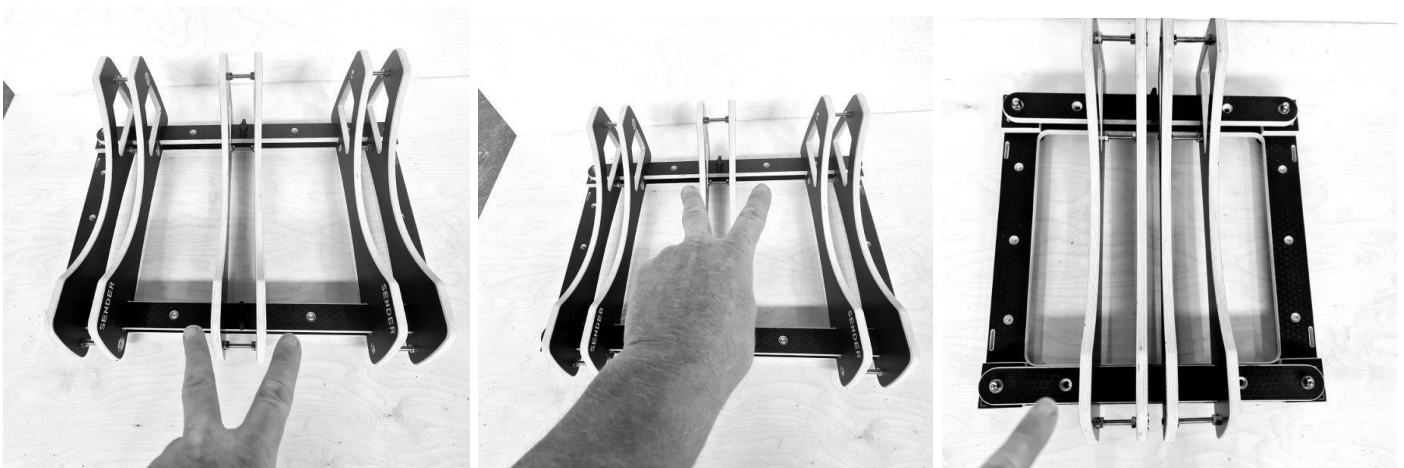
Turn the handle / knobs to secure the rail to the Platform. You can slide the stands on the rails until they are in the correct position for your van and bikes. Once you are happy with the position tighten the knob to trap the stands.

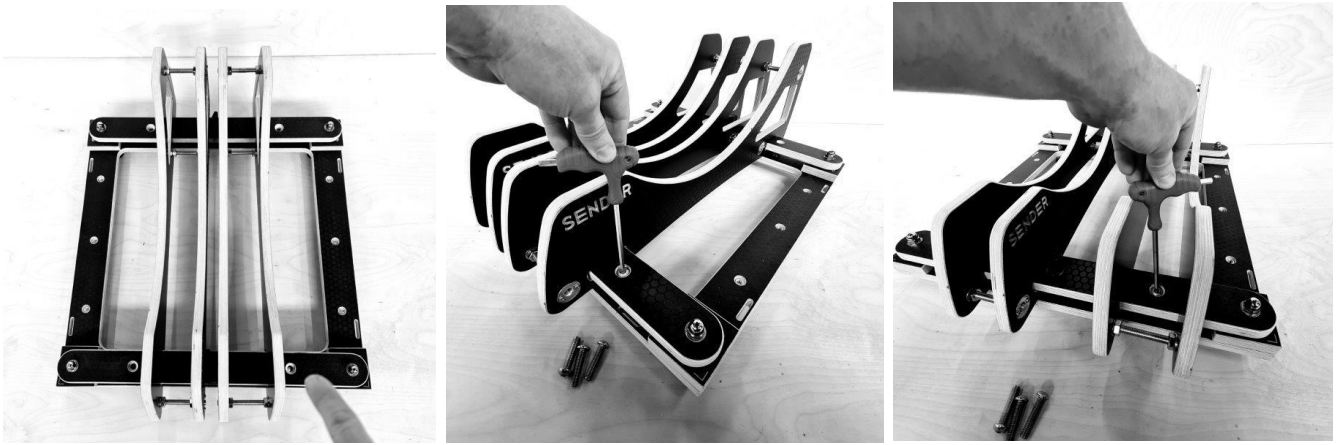


The image above shows the knob in the middle of an MTB sized tyre Stand.

## **A) MORE PERMANENT AND SECURE SOLUTION**

Unless you have a 900 / 1200 Platform these extra bolts are not supplied but you can get them from us. If you do NOT need to remove the Stands on a regular basis you can fix them to the Platform more permanently. Left and Right of the Centre Knob / Handles holes you will find additional holes for M10 x 40 mm Button head bolts. Always place these by finger first to avoid cross threading.





We have designed the stands so you can still slide them over the bolts without removing them. When the position is correct you can then tighten them to fix the stands in place.

## **STAGE 8:**

### **WHEEL HOLDERS:**

Platform do not have additional holders because you can just add an extra Stand to your Rail system for a wheel. On a 600 Platform to could easily have 2 Mountain Bikes Stands and 1 Spare wheel.



## **PLATFORM ORIENTATION**

600 PLATFORMS are identical on all sides. There is no front or back

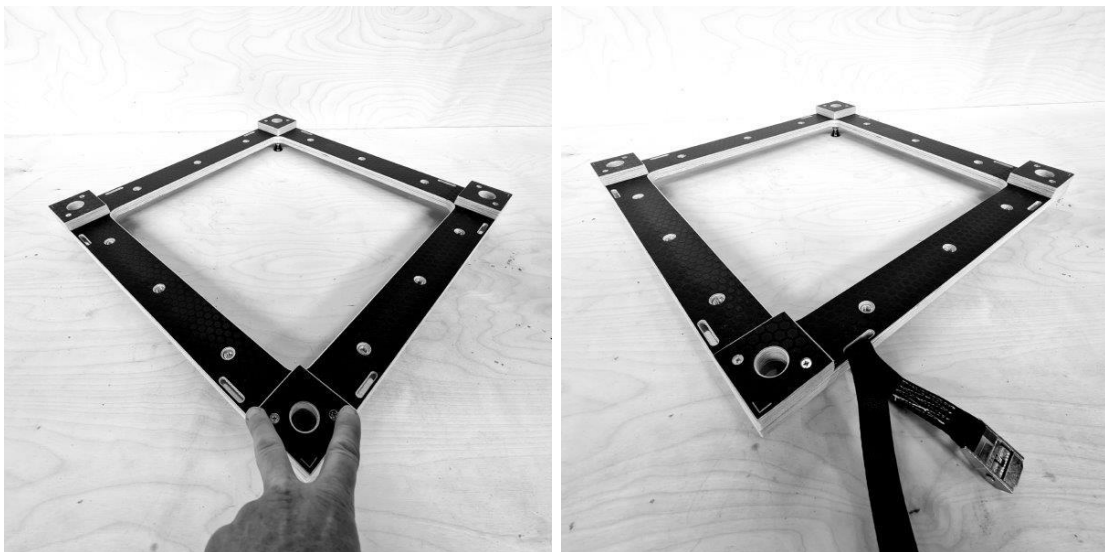


## FIXING YOUR STAND TO YOUR VAN

Quite often there is a SWEET SPOT in the van where the Platforms sit best. If you secure the Platform to your van properly then movement will be minimal when you mount or remove your bikes. In OUR Van we ONLY secure only along the rear edge using straps. Mounting the Bikes just requires a firm push. However, when we pull the bikes out the Platform lifts a little as the wheel rolls out. This is normal and for us an acceptable solution as we often remove the Platform at the end of the day.

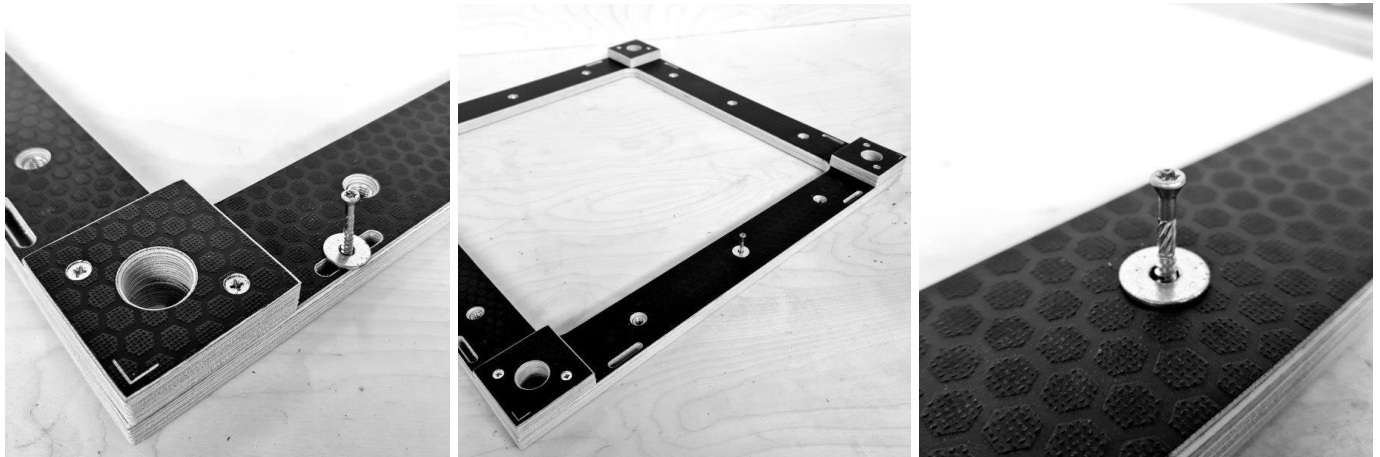
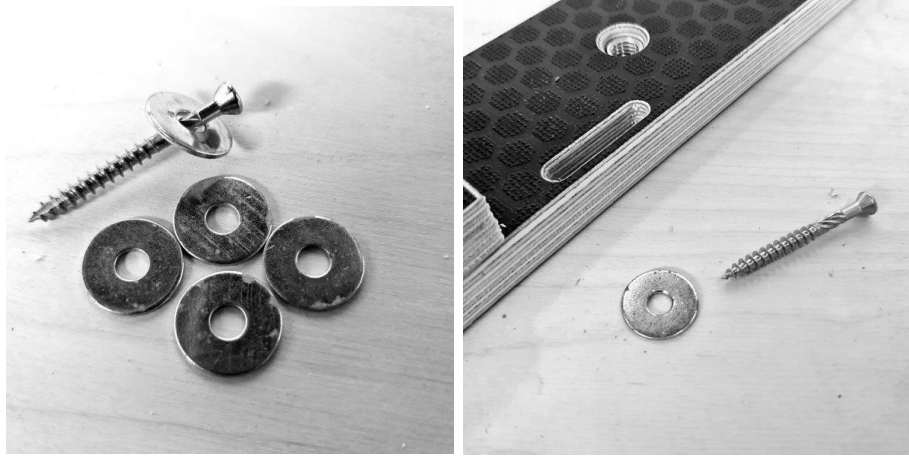
It is your responsibility to adequately secure your PLATFORM and STANDS to your van. This can be done with straps or more permanently with screw or bolt fixings. Below you will find a couple of neat / subtle / effective options but many more exist. You can easily remove feet / bolts / T nuts to make a more secure interface.

- 1) We have provided at least 8 STRAP points on each platform. Straps NOT provided. You cannot use the straps if you fix the Platform Flush with the floor.



- 2) You can use 1 or more of the 4 small washers provided to screw the Unit into the floor of your van. You may want to flush mount (remove the feet) so the base is in contact with van floor. Screws and Bolts not provided. You can also screw the Platform to the van floor with the feet attached!





Images Above:

Small Washer and Screw Fixings Solution - Indication of the possible Fixing points on the Platform – Through T Nut Holes or through the Strap Slot!

## SECURING YOUR BIKE TO YOUR STANDS

If you have adjusted the Stands correctly so the tyre fits with friction and requires a firm push your bike should NOT require additional strapping. However, in all instances you must decide for yourself and use appropriate and adequate method to hold your bike to the stands.

- 1) Use a Strap (Not provided) Place this through the hole in the stand and then back through the wheels. This will trap the wheel in the stand.



- 2) You can purchase eyebolts from us that fit into the holes on the surface of the Drawer Unit. A Long strap can then be used to thread through and over the top of the wheels. This



provides a very secure and stable transportation system! Especially if you are using in a Pick Up Truck.

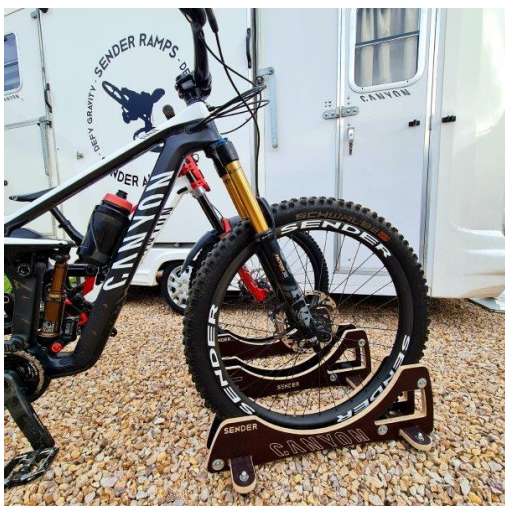
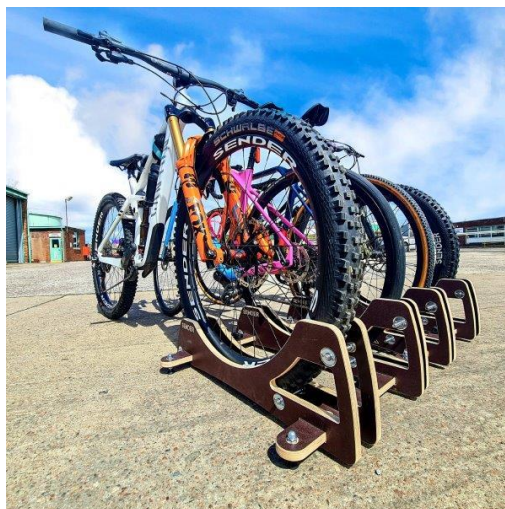


## USING YOUR STAND OUT OF YOUR VAN

Simply unwind the handle / knob and lift you're stand off the Drawer Unit. Place the stands on a flat even surface and make sure that you have an adequate amount of Rail protruding out either side. Place your bike(s) in the stand and TEST stability BEFORE walking away. If you require extra stability you can lift the ENTIRE PLATFORM out of the van. This may require removing straps.

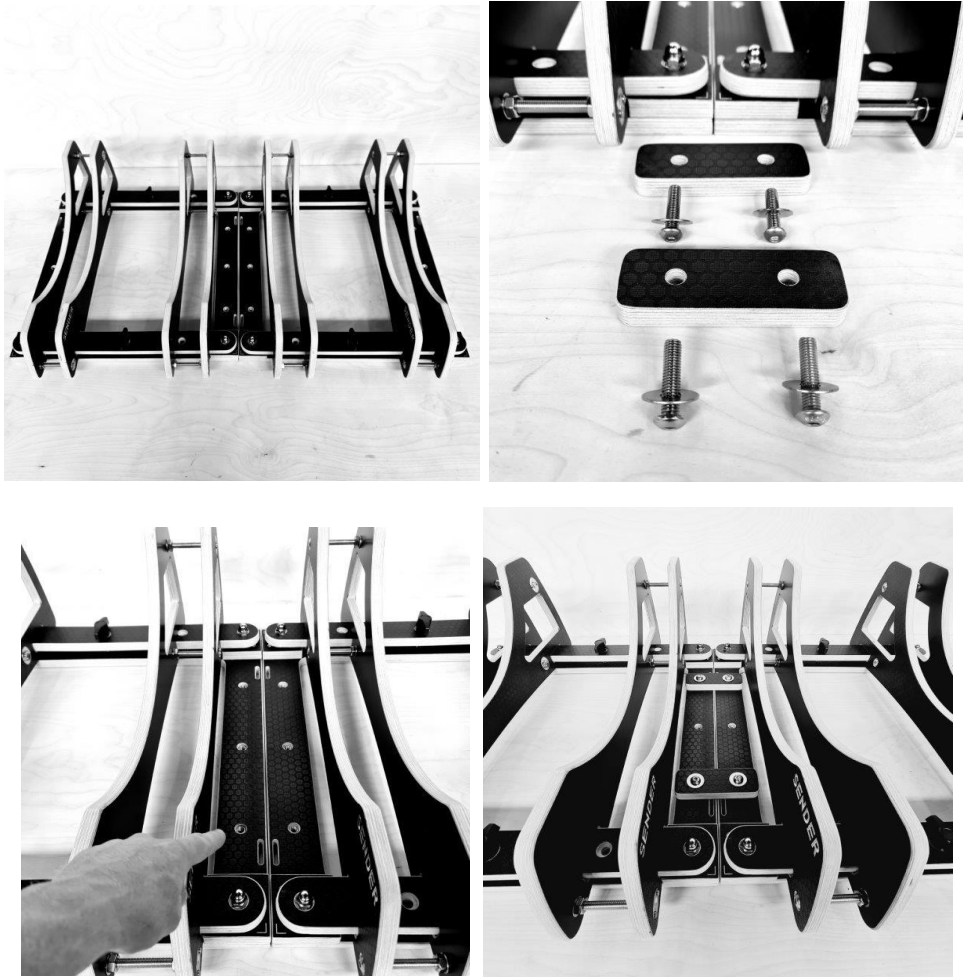
We advise checking the FEET to make sure they are tight and you do not lose one.

You can use the stand to DISPLAY – MAINTAIN – WASH your BIKE.



# JOINING UNITS TOGETHER

We have created a system where you can bolt Units together. Unless you have purchased a 1200 Platform then you will need to order more bolts. However, it is quick and easy using the T Nuts and Bolt Holes located in the sides of the platform.



## TREATING YOUR PLATFORM and STANDS!

We recommend treating any component that will be used outside and get wet. You should treat the cut edges of the stands with a CLEAR preservative. Be aware that even clear preservative can darken the colour of your stand so trial the stain in a less visible location. If you have a COLOURED RAMP you may wish to avoid treating the coloured faces as this is a coloured preservative anyway. NEVER USE VARNISH!

Spray your bolts and T Nuts regularly to make placement and removal easier!

BE AWARE THAT THE RAILS AND STANDS COULD SWELL AND JAM IF LEFT IN THE RAIN AND NOT DRIED OR MAINTAINED PROPERLY!

## REPLACEMENT PARTS!

You can get replacement parts by contacting us at [support@sender-ramps.com](mailto:support@sender-ramps.com) We can supply Nuts / Bolts / Washers / New Plywood Components

## IF YOU NEED HELP PLEASE - GET IN TOUCH!

If you need help please ask! 00 44 7719 309214 – [scott@sender-ramps.com](mailto:scott@sender-ramps.com)



