



## Measurement Guide

## Choose where to fix your brackets

There are two brackets provided in the kit that need to be fixed to a solid mounting point on your caravan/camper. A couple of suggested fixing points are shown below.

The brackets are 150mm long and should stick out to be flush with the side of the caravan/camper to give full width cover. If 150mm is not long enough we have 260mm ones (please include a note with your order).



The location shown below will give better protection if the cross beam on the caravan/camper is set a long way back as the mesh goes from the width of the van to the width of the car exposing the front corners of the caravan/camper (as shown in the picture below).



We also have double bend brackets like those shown in the photo below, if you would prefer to fix the stone stomper mesh as shown. If you would prefer these please include a note with your order as they are not supplied standard with the kit.



## Take the Measurements

### Step 1 – Measuring the Width

We require the **width** measurement from where you have chosen to fix the brackets then measuring **under the A frame/chassis** to the other bracket, basically from one edge of the van/trailer to the other **making sure you go under the A frame chassis**.

**Remember our brackets are 150mm long and can stick out to meet the walls of the van so measure to where the end of the brackets will finish, the brackets only need 70mm fixed to the cross beam and the remaining 80mm can hang past unsupported.**



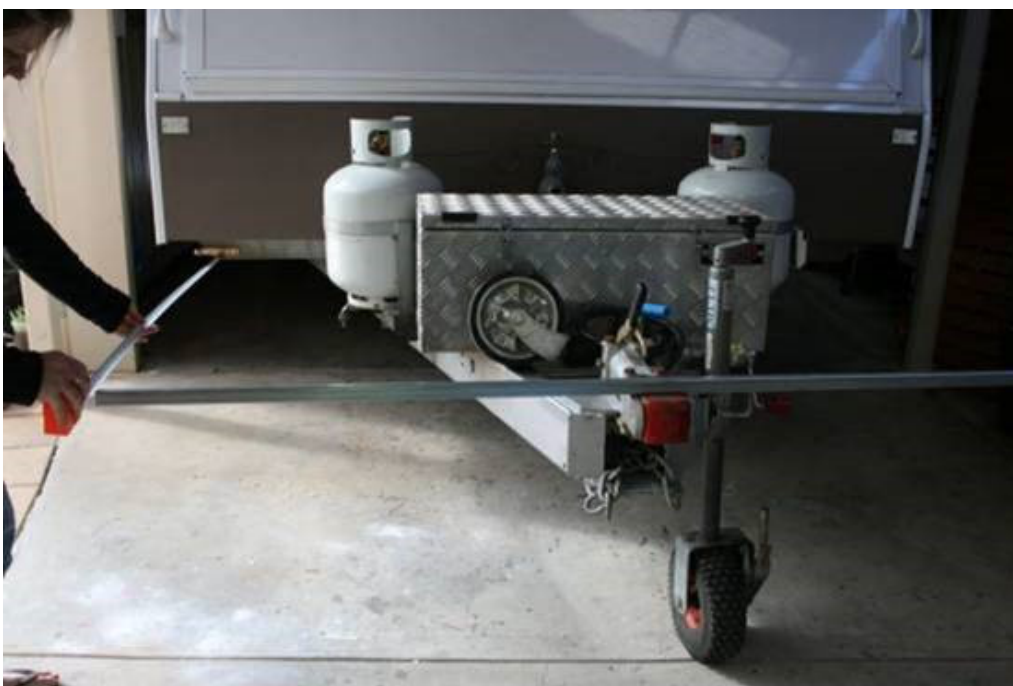


## Step 2 – Measuring the Length

We need this measurement of the **length** going from the **centre of the tow ball or Treg/Trigg/DO35 hitch/pin** to where you will mount the brackets on the cross beam giving us the length of the stone guard.

The picture below shows if you can't run a tape measure down the centre of the A frame to the cross beam place a straight bar across the centre of the tow ball/hitch pin and measure back to the cross beam, making sure the bar across the hitch is parallel with the cross beam.



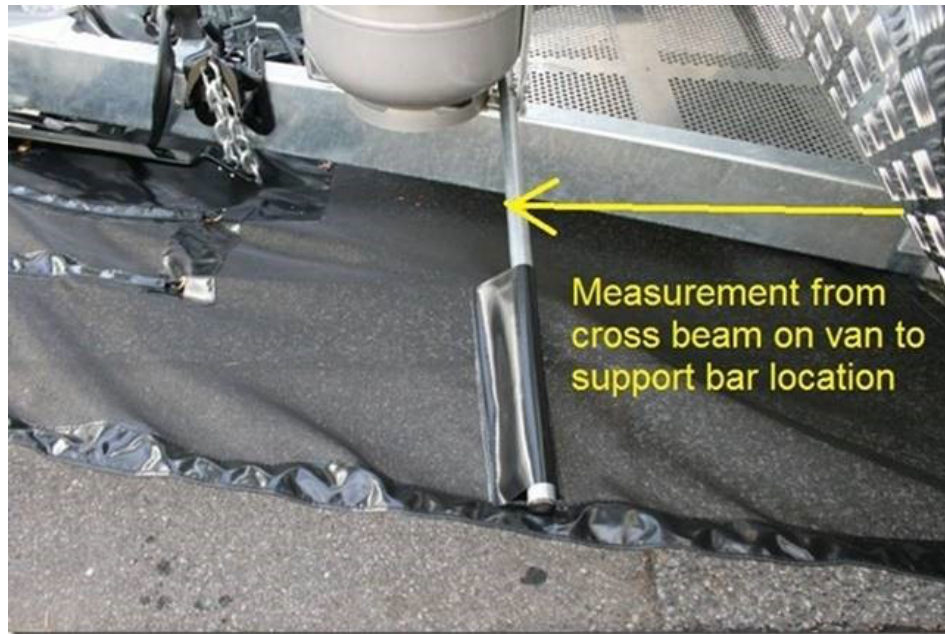


### Step 3 – Additional Measurement (Support bar side pockets)

If the A frame length is over 1.8m we like to add support pockets to the side of the mesh to hold up the mesh on tight turns. This allows for a pole to be clamped to the top of the A frame supporting the sides of the mesh.

**The bar is not supplied in the kit.** We recommend you purchase a 32mm plastic electrical conduit from any Hardware store and drill a couple of holes in the conduit and cable tie it to the A frame. If support bar side pockets are required we will

need an additional measurement from the cross beam on the caravan/camper to the preferred support bar location.



# Frequently Asked Questions

## Is it easy to install?

Yes, it's very simple and a complete Installation Guide with step by step instructions will be included in your kit on delivery. It only takes 20 mins to fit your stone stomper. The only tool you require is a battery-operated drill with all fixings and fittings included in the kit (screws, hex driver and brackets).

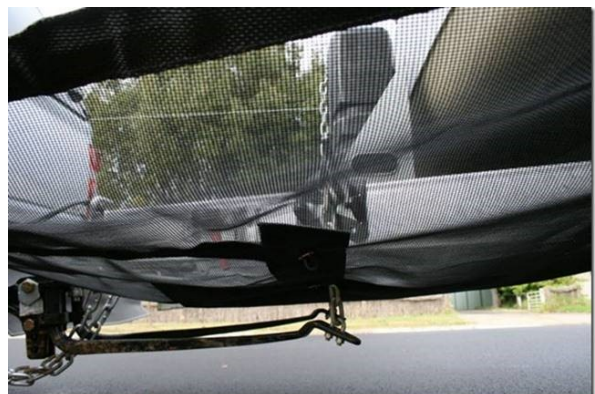
## How does the Stone Stomper attach to my van and vehicle?

There is no drilling to your vehicle required with the bar and canvas flaps fitting directly to your tow bar tongue.

## How long does it take to manufacture?

Allow a week for manufacture from the point of placing your order and providing your measurements. If you require a stone stomper sooner, this can be accommodated, just let us know the date you need it by.

**I have Hayman Reese bars hanging below the A frame, does this matter?** If your Hayman Reese bars hang a long way down below the A frame you can make a small cross cut in the vinyl/mesh to run the chains through, the mesh and vinyl are made from a Rip stop material so will not tear any further after making this incision.





### **Is the car's exhaust an issue?**

If the exhaust tail pipe points straight out onto the canvas flap, we recommend fitting a turn down as shown below. Some vehicles such as Jeep, Hyundai and vehicles with bumper fitted exhausts are normally fine we just recommend mounting the stone stomper bar higher on your chosen bracket option, as the canvas flaps blow upwards when driving.

