



ANTI FLAP KIT

One of the most important mods you can do for your caravan is to install an Anti-Flap Kit for your awning. This simple system will protect your awning from high wind damage. This PDF will show you how to install an antiflap kit with a curved roof rafter.

The product manufacturer we will be installing is the Aussie Traveller.

<http://aussietraveller.com.au/>

As the Aussie Traveller Anti Flap comes in 3 sizes, you need to determine which size is suited to your installation.

Long = 2300mm – 2400mm

Med = 2200mm – 2300mm

Short = 2100mm – 2200mm

STEP 1

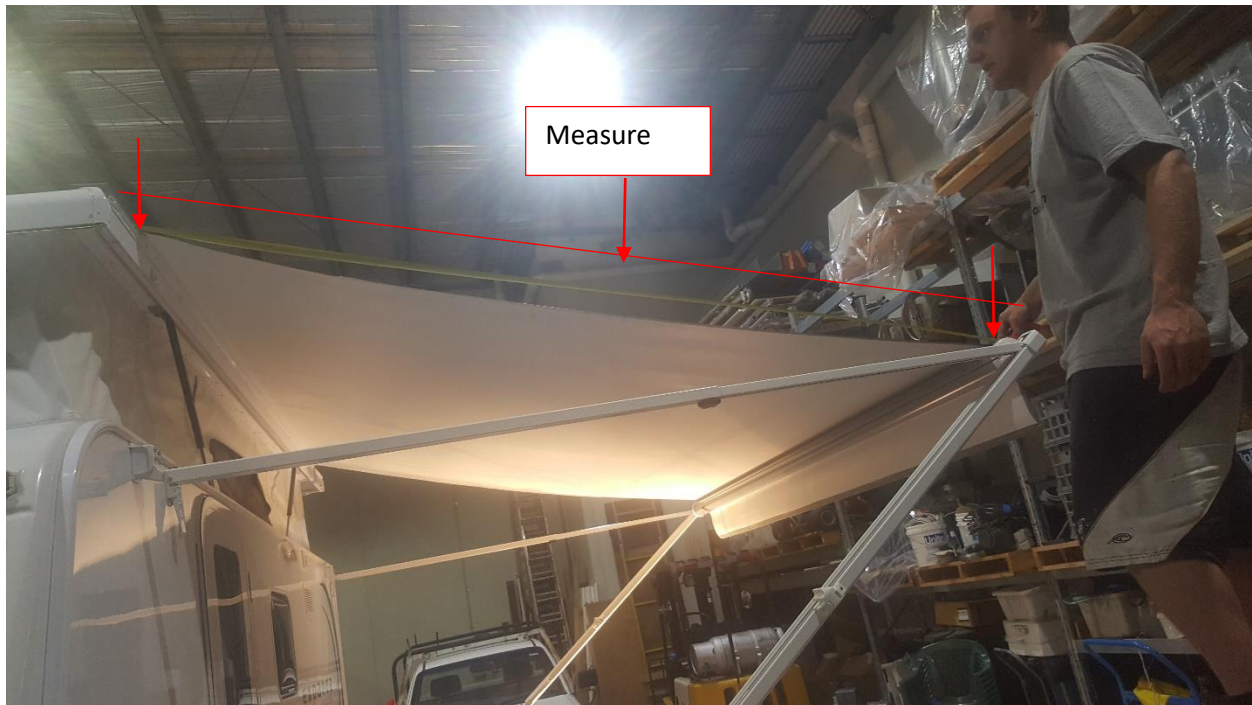
If you have a pop top caravan, pop the roof up then roll out your awning as you normally would when caravanning.



Measure from the top of roof to the start of roller tube.

Record your measurement as this will determine what size anti flap kit is suited for your awning.

The below example came to a measurement of 2230mm overall. We then went to our local caravan store and notified a store member of the measurement. The Kit that was purchased was the short kit 2100mm – 2200mm.



STEP 2

Unpack the purchased anti flap kit and locate the brackets and screws. As pictured below.



In this installation we substituted the provided screws with 6.4 stainless steel pop rivets.

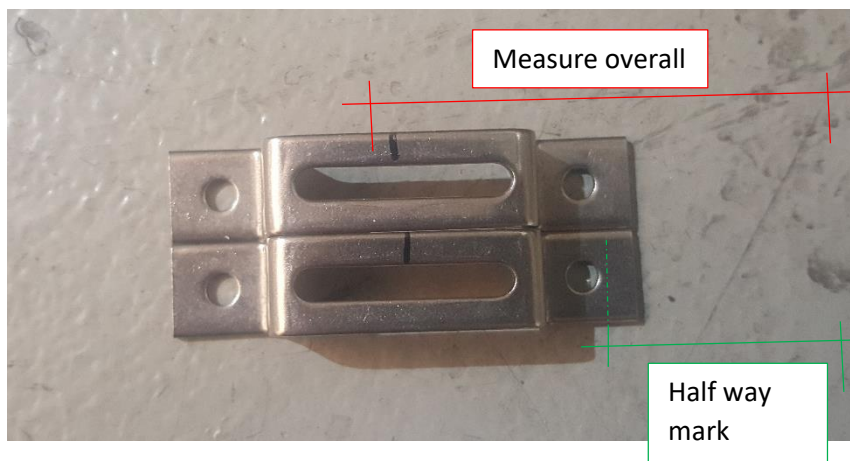
Specs - Diam - 4.0mm

Grip – 6.4mm



STEP 3

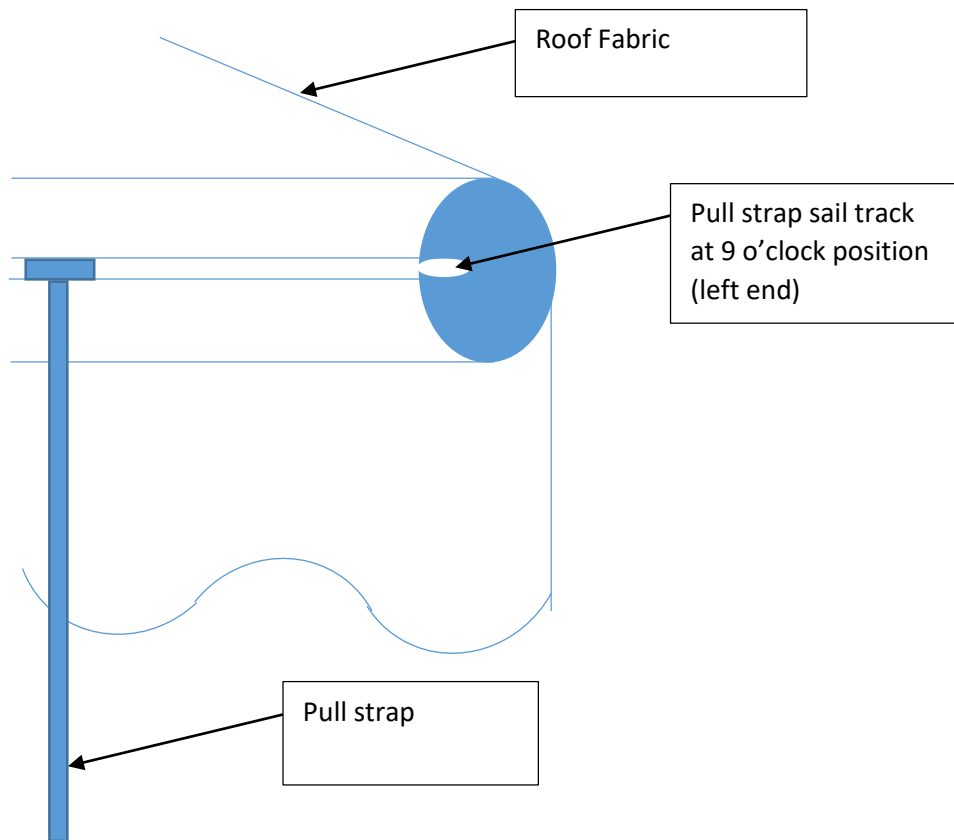
With both brackets measure the halfway point and mark it with a black texta.



STEP 4

Roll out your awning into the open position as instructed in **Step 1**.

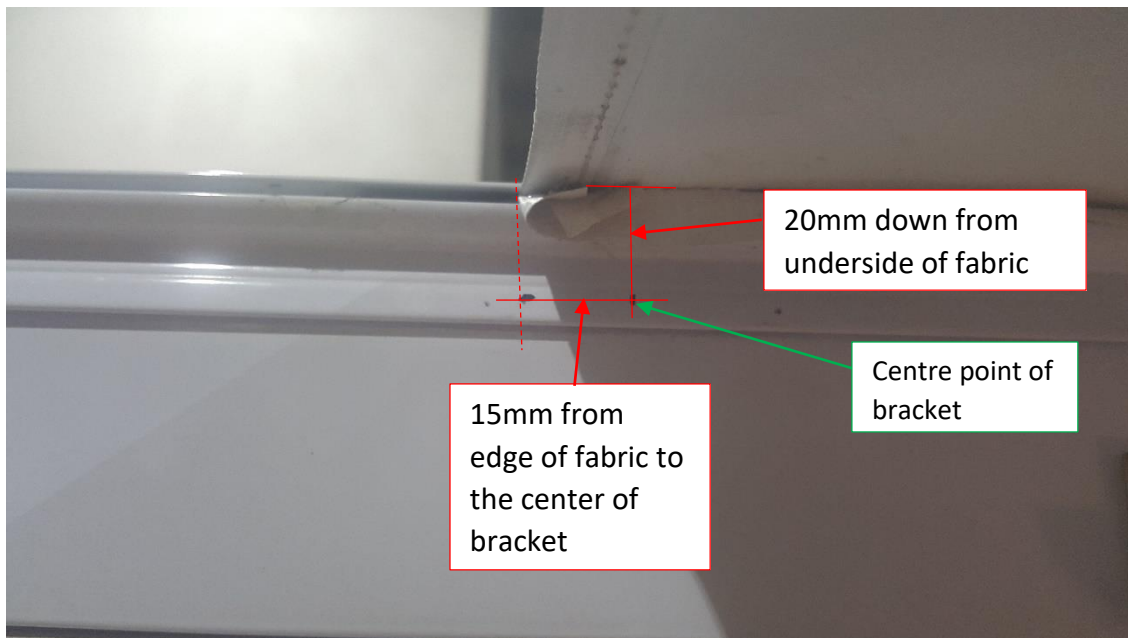
Ensure the roller pull strap is positioned at approximately 9 o'clock (left end) or 3 o'clock (right end) as per below diagram.



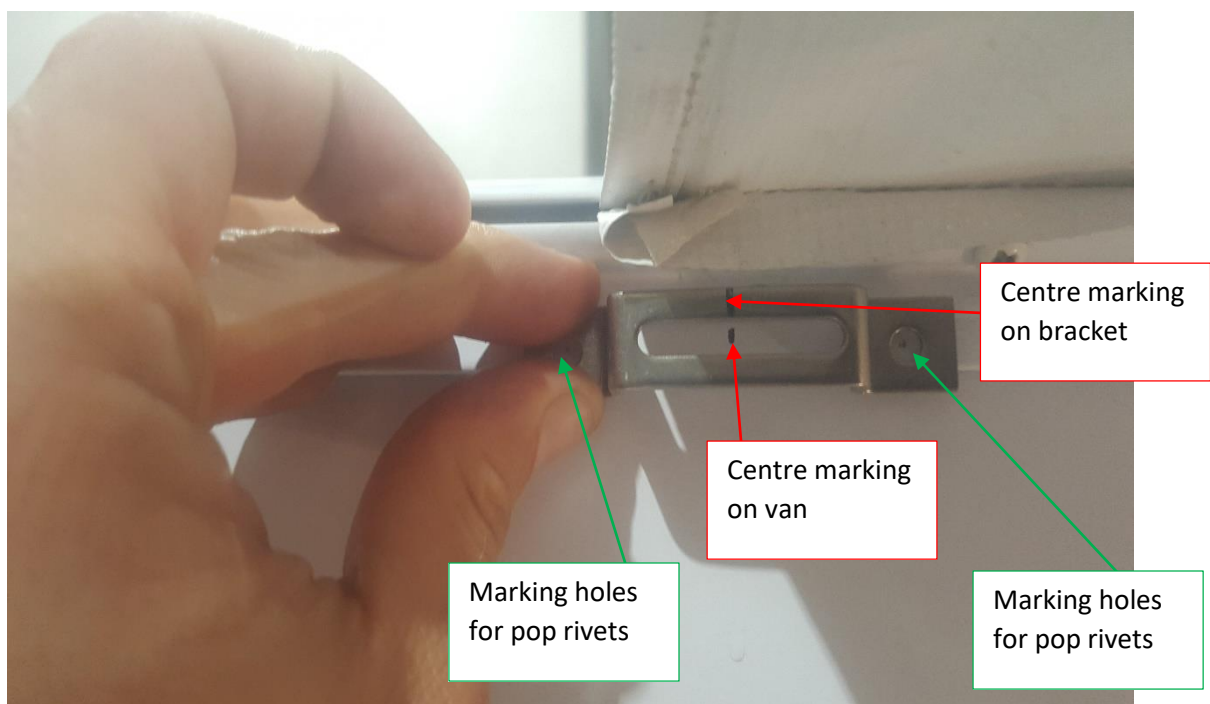
STEP 5

On the caravan side start marking out the position of your first bracket.

With this kit it is 20mm down from underside of fabric and 15mm from edge of fabric to the center of bracket



Centre the bracket marking with the center marking on the van and with a texta mark the required holes for the pop rivets.



STEP 6

Using a small drill bit, start to drill both holes then increase the size of the drill bits until the pop rivet fits in the hole.



Step 7

Fix the bracket into position using a pop rivet gun.

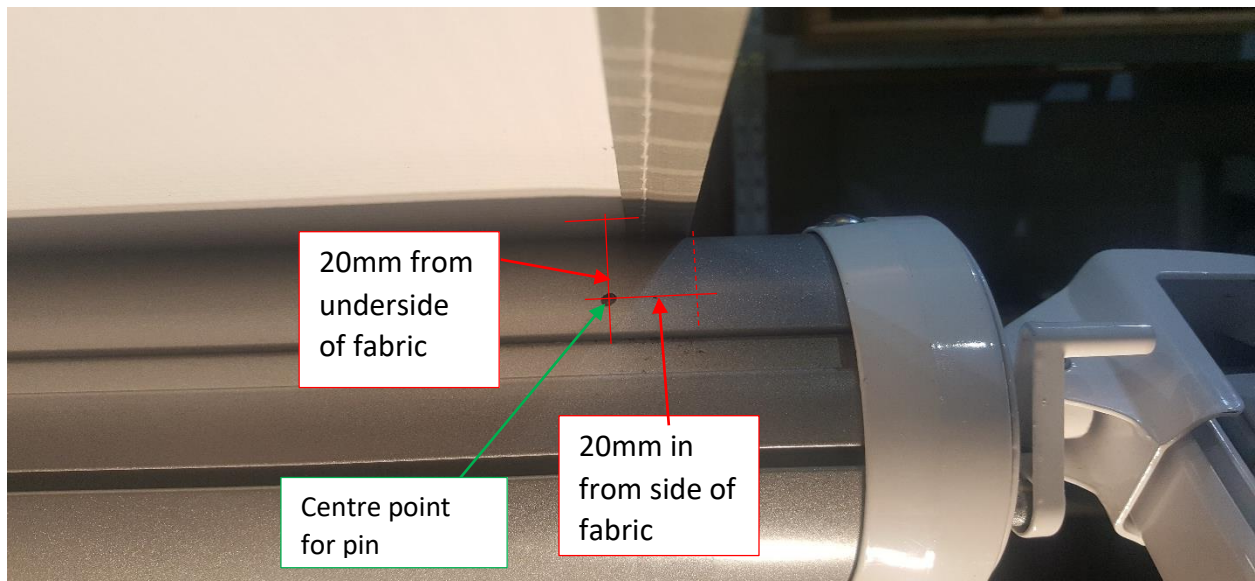
Note: As the pop rivets we recommend using are stainless steel I would advise using a heavy duty rivet gun.



Step 8

On the roller tube side mark the below position. This is where Anti Flap pin will be fixed.

The measurement required is 20mm in from the side of fabric and 20mm down from underside of fabric



Step 9

Using a small drill bit, start to drill a hole then increase the size of the drill bit until the pin side of the anti-flap kit fits. The Pin should be easy to put into the hole and remove.



Step 10

Repeat steps No.5 to No.9 to the opposite side of the awning.

CURVED ROOF RAFTER INSTALLATION

The length of your awning will determine how many curved roof rafters you require.

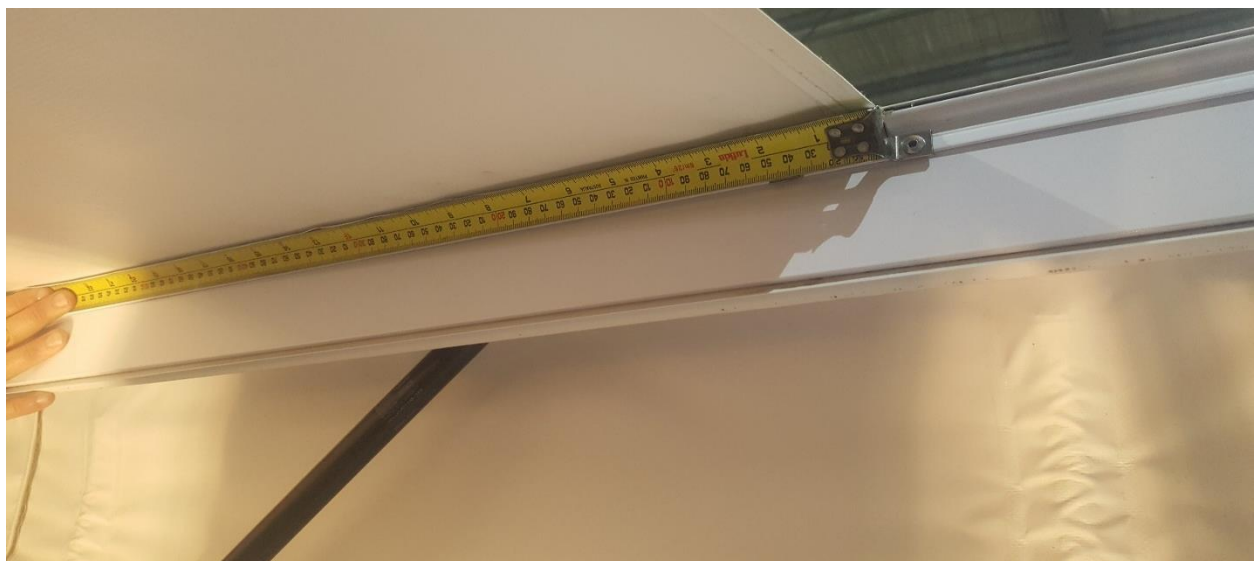
See below table as a guide

Awning Size	Number Of Rafters
11' and under	1
12'	1 (2)
13'	2
14'	2
15'	2
16'	2
17'	2 (3)
18'	3
19'	3
20'	3
21'	3 (4)
22' and over	4

NOTE: Various brands of awnings use different vinyl fabrics which may be susceptible to some stretch when placed under tension from the Curved Roof Rafter. Caravanmods and Aussie Traveller take no responsibility for any fabric deformity caused by the use of the Curved Roof Rafter.

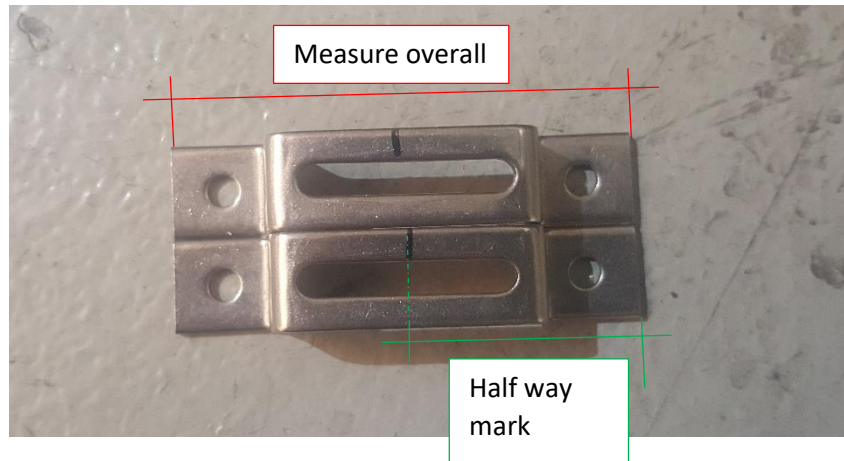
Step 11

With our installation we only required 1 curved roof rafter. We then need to measure the center of the awning. To do this we measure the overall length of the awning then divide in half. Mark the center position on your caravan



Step 12

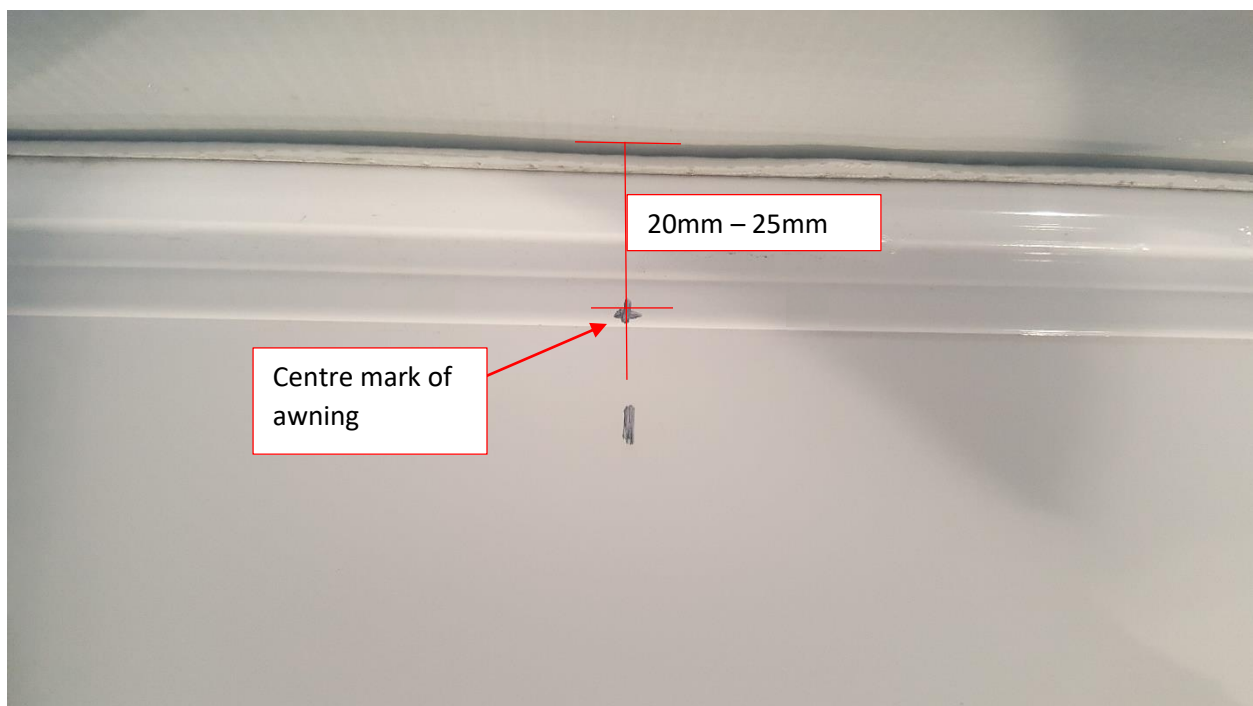
As per step 3 locate the bracket provided in the kit, measure the halfway point and mark it with a black texta.



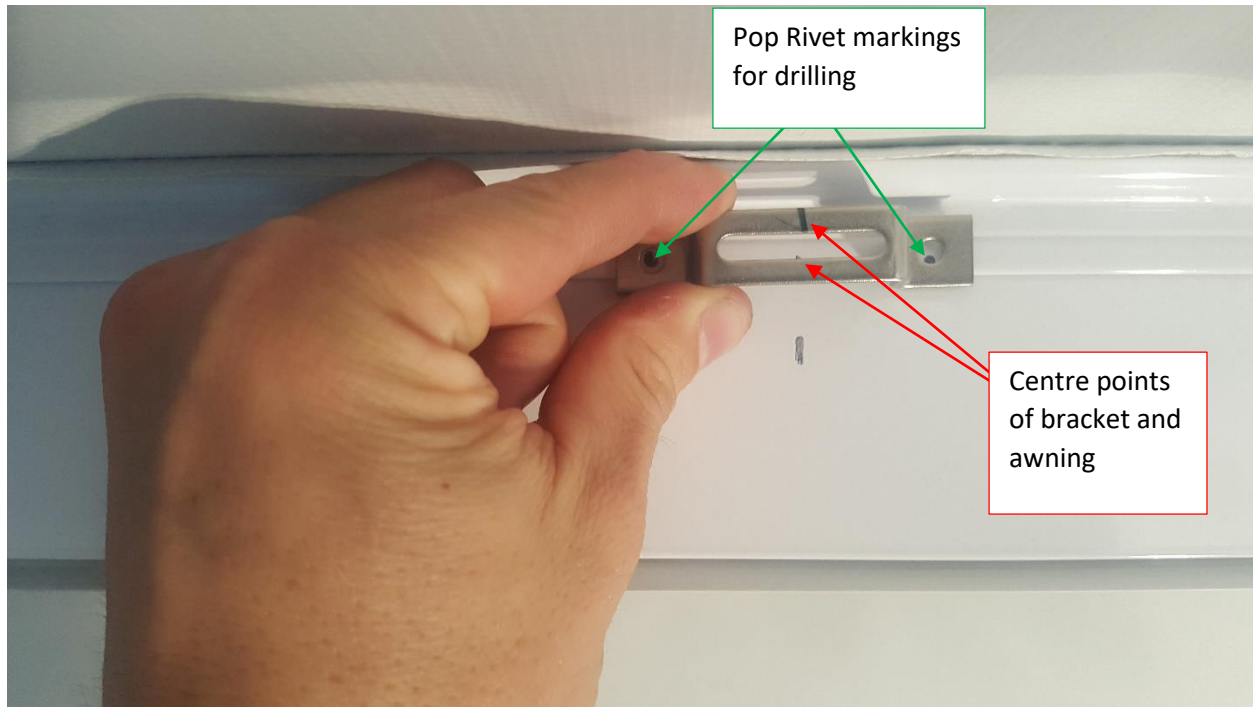
Step 13

On the caravan side start to mark out the position of the bracket

With this kit it is 20mm – 25mm down from underside of fabric



Centre the bracket with the marking at center of awning on the van and with a texta mark the required holes for the pop rivets.



Step 14

Using a small drill bit, start to drill both holes then increase the size of the drill bits until the pop rivet fits in the hole.



Step 15

Once the pop rivet fits, fix the bracket into position using a pop rivet gun.

Note: As the pop rivets are stainless steel I would recommend using a heavy duty gun.

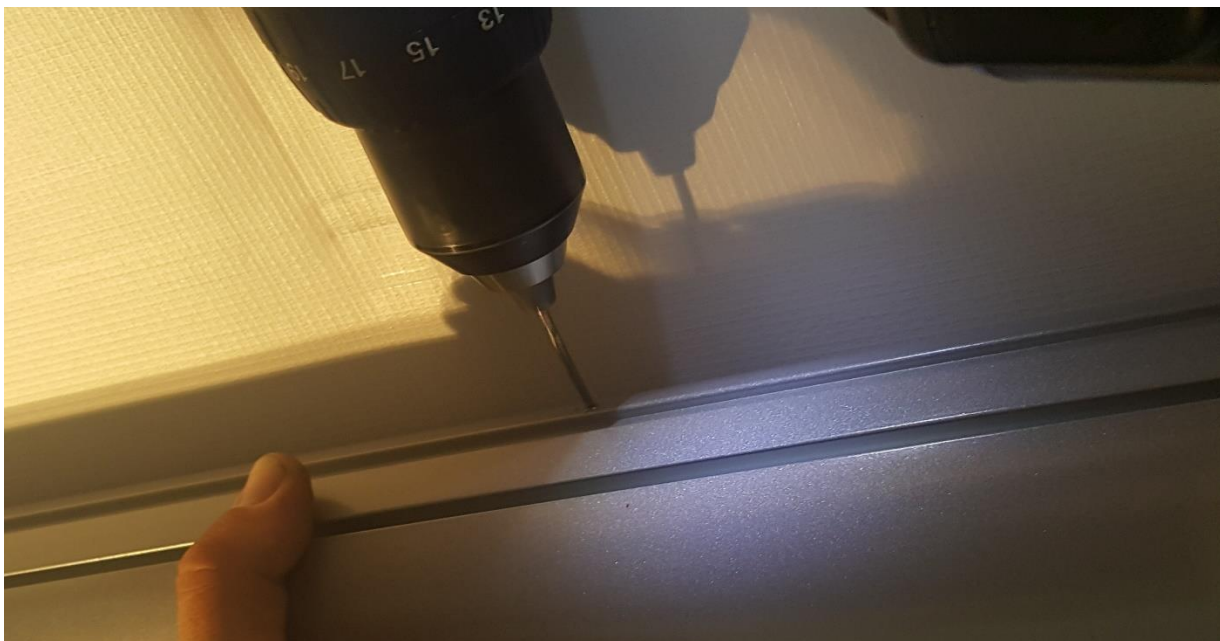


Step 16

On the roller tube side mark the center point of the awning.

Measure 20mm down from underside of fabric

Using a small drill bit, start to drill a hole then increase the size of the drill bit until the pin side of the curved roof rafter fits. The Pin should be easy to put into the hole and remove.



Step 17

To fit the curved roof rafter fit the pole end into the wall bracket fixed to the side of the van.



Step 18

Extend out the front telescopic section and fit spigot into the hole in the roller. Once in place tighten the center black screw which will then hold the rafter in position.



Step 19

Now you can enjoy you awning rolled out and not need to worry about wind damage.



If you have any questions please don't hesitate to contact us at caravanmods.com

Happy Modding

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