



FITTING INSTRUCTIONS FOR

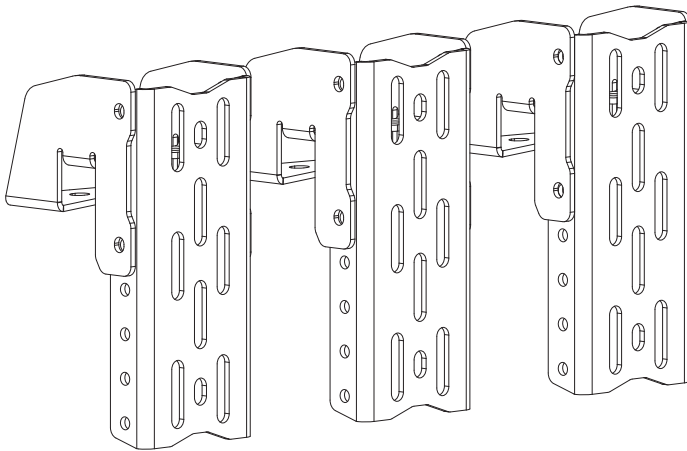
# Universal 270 Degree Awning Bracket Set

SKU

**KS0779**

COMPATIBILITY

**Front Runner Slimline II**



## Included contents

QTY	COMPONENT
3	Awning Mount Bracket
3	Roof Rack Bracket
3	M8 Nyloc Nut
3	M8 x 16 x 1.5 Washer
9	M8 x 20 Hex Head Bolt
6	M8 Square Nut
12	M6 x 16 Socket Head Cap Screw
12	M6 Nyloc Nut

## Also required (not included)

Hardware to mount Awning to Bracket  
(Varies – generally 6 or 12 bolts and nuts)

A helpful mate (We couldn't fit one in the box)



**Time**

30 minutes / Half a beer

For further information contact KAON on **07 3180 1470** or [info@kaon.com.au](mailto:info@kaon.com.au)

## Bolt Torque

DIAMETER (mm)	5mm	6mm	8mm	10mm	12mm
NEWTON-METRES (Nm)	5 Nm	9 Nm	22 Nm	44 Nm	77 Nm

# Let's get to work.

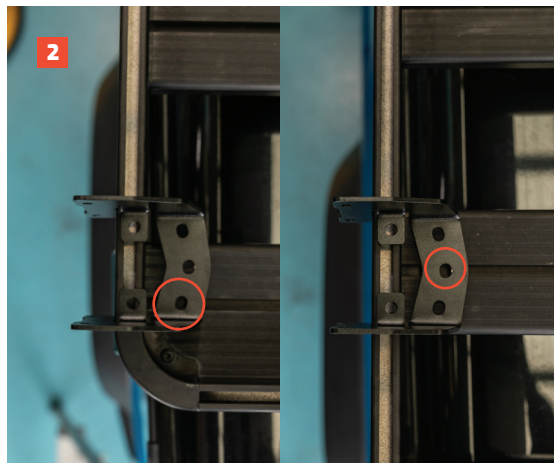
## Preparation

1. To start, determine the position of the awning mounts by mocking it up on the vehicle. Ensure that the height you are mounting to does not foul on the the base of the roof rack, and works for your specific awning.

For spacing the brackets along your roof rack, we recommend positioning the mounts in alignment with the cross braces or roof legs to minimise flex in the roof rack, and create the most direct load path.

Because twisting and lifting loads are higher at the corner of the roof rack, the back two brackets should be closer together to help brace and stabilise the roof rack. We recommend placing the centre bracket two thirds of the way back on the rack, preferably above a cross brace or roof leg.

2. You will notice that for the Front Runner, the channel to mount the roof rack brackets will either align to the centre mounting hole, or the one on either side if you are using the first or last rack.



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## Attaching the Awning Mount Bracket

3. Now that you have determined the position of the brackets on the roof rack, it's best if we get the awning mount brackets attached to the awning first. Due to the sheer number of awning variations, we can't supply the hardware for this. So if you don't have the required hardware on hand, a trip to the shops may be in order.
4. Confirm the height setting you want to use for the awning bracket, so that it clears your vehicle setup.
5. Most awnings use a channel system, so insert the bolts into the channel and slide them into position. Each bracket requires either one or two bolts and nuts in the each channel.
6. Loosely tighten each, and check that the bracket is sitting square with the awning before tightening with a socket. Repeat for all 3 brackets.



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## Preparing the Roof Rack

7. Loosen and remove the screws holding the corner attachments in place. Remove the covers so that the channel is exposed.



## Installing the Roof Rack Bracket

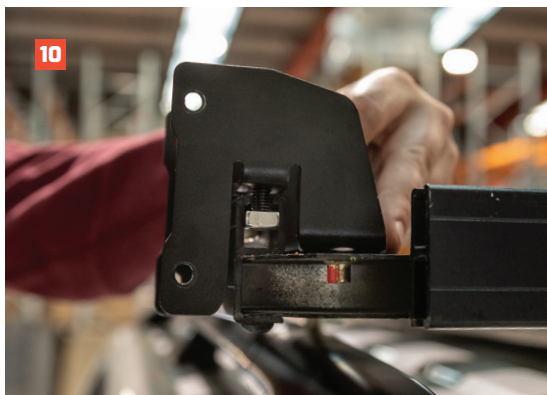
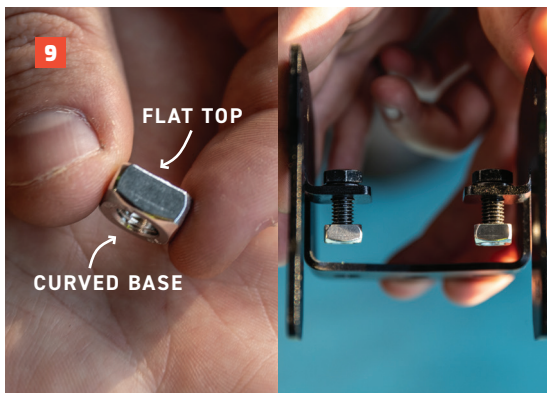
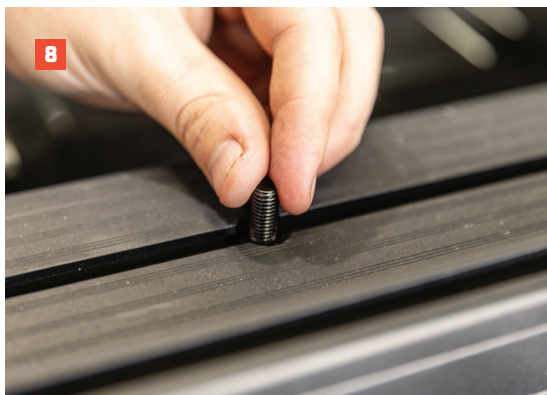
8. Locate the channel opening on each chosen slat you are mounting to. Drop in the hex head bolt, with the thread facing up in. Slide the bolt toward the side of the outer channel you will be mounting to.
9. Pre-assemble the roof rack brackets with bolts and square nuts.

You will notice the the square nuts have a curved base and a flat top, as pictured. When assembling, the curved base must be facing downwards, toward the bottom of the channel it will be placed in.

Thread the square nut on the bolt by **only** one to two threads, just enough so that it won't fall off the bolt.

10. Slide the bracket onto the roof rack with the square nuts inside the outer channel, as pictured.

**Please note:** Some racks may have a joiner piece in this channel, so you may have to feed each bracket in from either side. In this instance, you will need to repeat Step 7 on the other end of the outer channel.



## Installing the Roof Rack Bracket cont.

11. Position each bracket above the slat they are intended to mount to, indicated by the hex head bolt in the channel.
12. With the bracket in position, lift it until the square prevents it from lifting further. Slide the hex head bolt in the slat underneath the bracket, lining it up with the corresponding hole.
13. Place a washer and nyloc nut over the bolt in the slat.
14. Tighten up all bolts in the roof rack bracket until secure.



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## Attaching the Awning to the Roof Rack Bracket

15. We recommend using a mate to help you lift with this part. Align the awning with the roof rack brackets at the height setting we confirmed earlier.
16. Attach the roof rack bracket to the awning brackets using the provided socket head cap screws and nyloc nuts.



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## Finishing the Install

17. Tighten up all bolts, to ensure that the mount is secure.
18. Reattach the corner covers of the roof rack using the factory bolt.
19. That's it, you're done!  
All that's left to do is to head to the beach, open your 270° awning and enjoy the shade.





## **Local Knowledge & Assistance**

We know half the fun of building your dream 4x4 is getting your hands dirty. But we also know that sometimes, things don't go to plan. If in the pursuit to build the ultimate setup you find yourself off-track, we're here to help you get unstuck.

**For further information call 07 3180 1470 or email [info@kaon.com.au](mailto:info@kaon.com.au)**

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