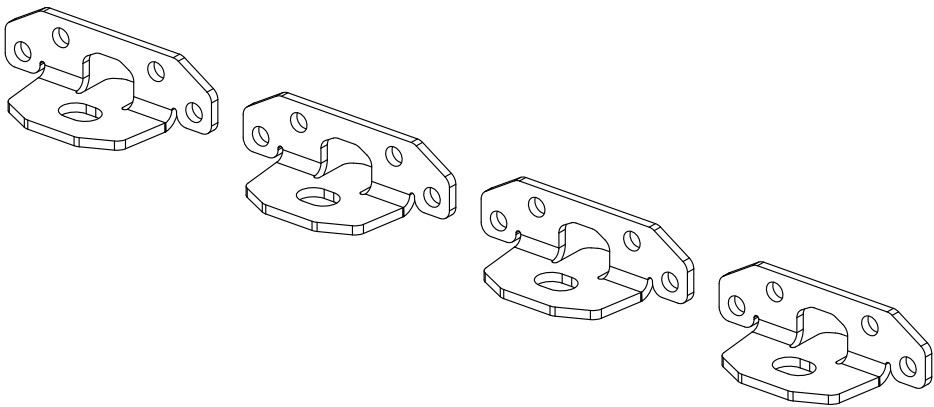




FITTING INSTRUCTIONS FOR

Universal Solar Panel Mount

SKU	COMPATIBILITY
KS1004	Platform Racks & Cross Bars



Included contents			
QTY	COMPONENT	QTY	COMPONENT
4	Solar Panel Bracket	4	M8 x 20 Button Head Socket Screw
4	M8 x 20 Tee Bolt	4	M8 Unistrut Nut
4	M8 Nyloc Nut	8	Self Tapping Screw
4	M8 x 24 x 2.0 DIN Washer	4	SwitchBolt Tee Bolt
		4	SwitchBolt Retainer

 **Time**

30 minutes / Half a beer

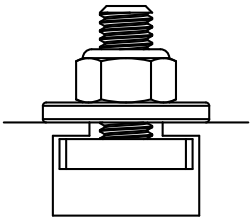
For further information contact KAON on **07 3180 1470** or info@kaon.com.au

Which hardware you'll need.

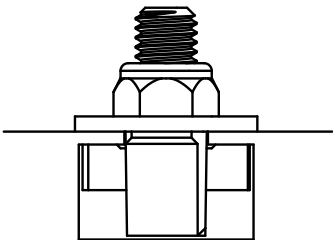
We've made sure to source all the hardware you'll need for your specific type of roof rack, so you can get your solar panel up as hassle-free as possible.

The following fastening hardware will vary, based on which roof rack you are mounting to.

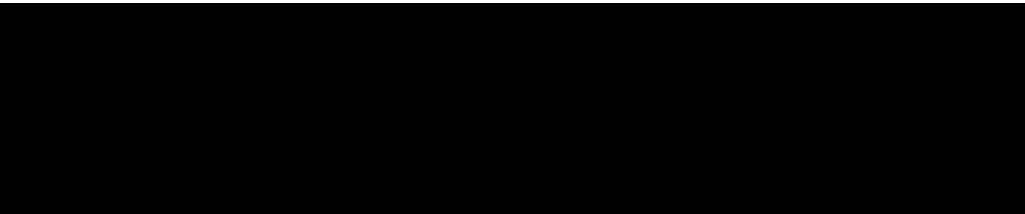
ROLA / Thule / Cross Bars

QTY	COMPONENT	
4	M8 Nyloc Nut	
4	M8 x 24 x 2.0 DIN Washer	
4	M8 x 20 x 20 T Bolt	

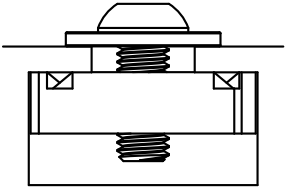
Rhino-Rack / Yakima / Cross Bars

QTY	COMPONENT	
4	SwitchBolt Tee Bolt	
4	SwitchBolt Retainer	
4	M8 Nyloc Nut	
4	M8 x 24 x 2.0 DIN Washer	

Please note: The style of your Cross Bar Rack will determine the best hardware for installation. For example; Cross Bars with shallower channels should be installed using the standard T Bolt instead of the SwitchBolt. Confirm the right hardware to suit your Cross Bar Rack before installation.



HD and Aero Cross Bars

QTY	COMPONENT	
4	M8 x 20 Button Head Socket Screw	
4	M8 x 24 x 2.0 DIN Washer	
4	M8 Unistrut Nut	

G8.8 Bolt Torque (Non-Lubricated)

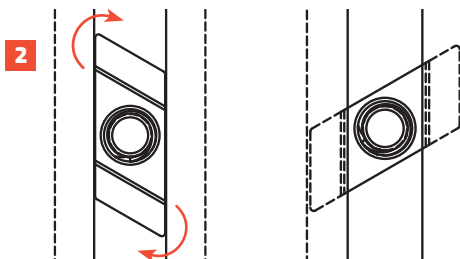
DIAMETER (mm)	5mm	6mm	8mm	10mm	12mm
NEWTON-METRES (Nm)	6 Nm	10 Nm	15 Nm	22 Nm	35 Nm

Let's get to work.

Installation

1. Mockup the position of the solar panel on the rack to determine the rough positioning, and which channels you'll be mounting to.
2. **If you are installing on a Rhino-Rack, Yakima or relevant Cross Bar rack:**
Place two SwitchBolt Tee Bolts in each desired channel of the rack. Twist each bolt so that it sits flush against the sides of the channel, as pictured. Secure the bolt's position with a Retainer over the top. Now loosely secure a solar mount over each SwitchBolt using a washer and nut.

You may now continue on with the installation in **Step 4**.



Installation cont.

3. If installing on ROLA, Thule or relevant Cross Bar rack:

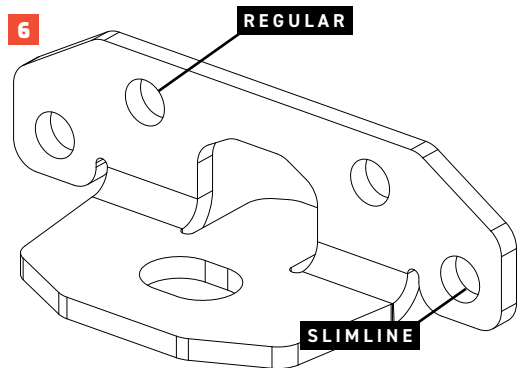
Loosely assemble all four solar panel brackets using the hardware required by your roof rack, specified on page 3. Place two of the assembled mounts in each channel you'll be mounting to.

You may now continue on with the installation in **Step 4.**

4. Finger tighten the mounts until they are still movable but not loose in the channel.
5. Position the Solar Panel over the mounts, ensuring that it sits on top of the small mounting ledge and that each bracket is flush against the side of the panel.
6. You will notice there are 4 bolt openings on the mounting bracket, as pictured.

The top two are suitable for mounting a regular solar panel, and the lower two are suitable for slimline panels. Select which mounting pattern will be suitable for your panel. Ensure that you do not select openings which line up with the crystal of the panel.

7. Mark the position of the bolt holes you will use to mount the panel.



Installation cont.

8. With the mounting position marked, you can now remove the solar panel and mounts from the roof rack.

If using the SwitchBolt hardware:

simply loosen and remove the nut, washer and solar mount bracket. Leave the SwitchBolt Tee Bolt and retainer in position in the channel.

9. Disassemble the solar panel mounts, and line up the mounting bracket with the marks made in step 7. Ensure that the bracket is flush against the side of the panel.
10. Carefully drill the self-tapping screws in to the panel through the mounting bracket in each marked spot. Be careful to avoid drilling into the solar crystals.



Installation cont.

11. Once each mounting bracket is attached to the solar panel, reattach it to your roof rack.
12. Tighten all bolts to the recommended torque settings.
13. That's it – you're done!
All that's left to do is to wire up your solar panel.





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

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