FITTING INSTRUCTIONS FOR

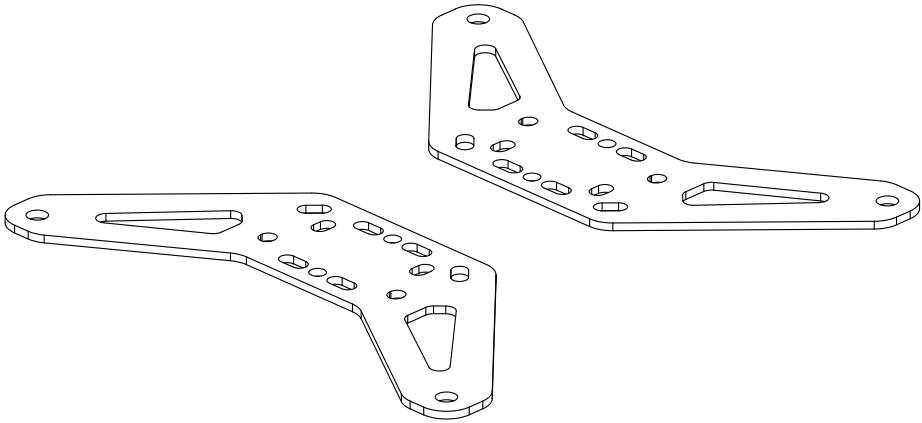
Flush Flat Maxtrax Mount

SKU

KS0035

COMPATIBILITY

Rhino-Rack, ROLA, Yakima, Front Runner, Thule



Included contents

QTY	COMPONENT	QTY	COMPONENT
2	Flush Flat Bracket	4	M8 x 20 x 20 T Bolt
4	SwitchBolt Tee Bolt	4	M8 Nyloc Nut
4	SwitchBolt Retainer	4	M8 X 20 Hex Head Bolt
4	M8 24 x 2.0 DIN Washer		

Time	15 minutes / Third of a beer

Also required

QTY	COMPONENT
4	Maxtrax or TRED Mounting Pins

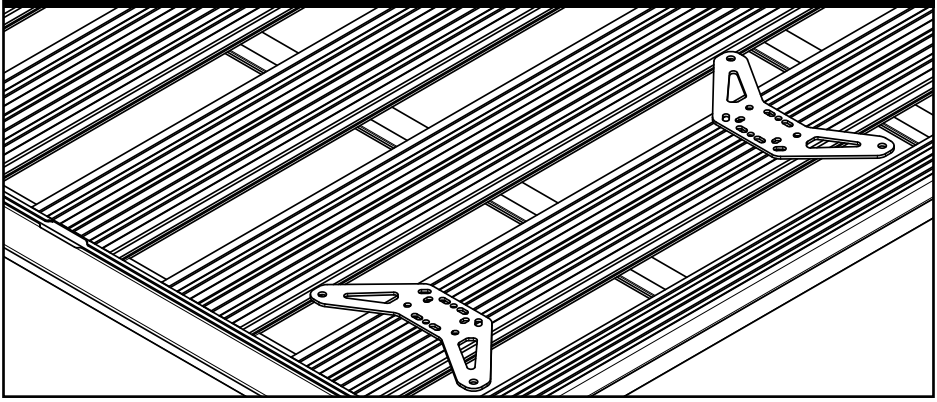
For further information contact KAON on **07 3180 1470** or **info@kaon.com.au**

Options for mounting boards.

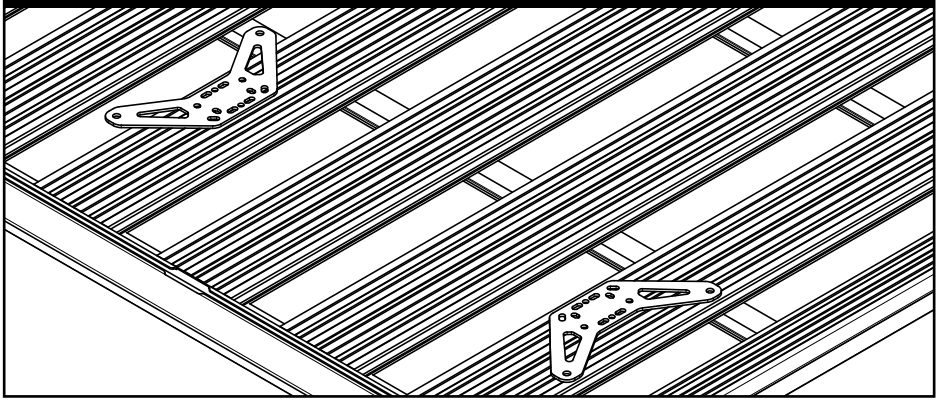
The more options, the merrier, right? There's not one, but two ways you can mount your recovery boards to your roof rack.

Pick the option that works best for the spacing of your set up.

In-Line with Slats



Across Slats



Please note: If you are mounting with a Front Runner rack across the slats, the orientation of the brackets must be reversed. Instead of the brackets positioned to be pointing inwards (><), they must face outwards (<>).

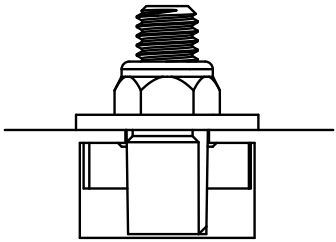
Which hardware you'll need.

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

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

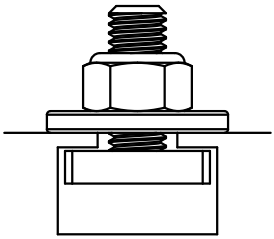
Rhino-Rack / Yakima

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



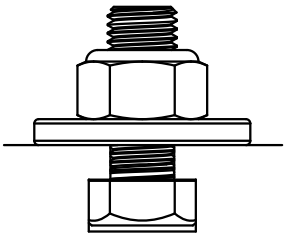
ROLA / Thule

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



Front Runner

QTY	COMPONENT
4	M8 Nyloc Nut
4	M8 x 24 x 2.0 DIN Washer
4	M8 X 20 Hex Head Bolt



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.

Preparation

1. It's best if we get the mounting pins attached to the Flush Flat Mounts first. If you ordered a set of pins, these will have been included. If you already had some, that's great! If you've lost them, we know a place you can buy some...
2. The genuine Maxtrax Mounting Pin Set contains 4 x pins, 4 x nyloc nuts and 4 x washers. We find it easiest to attach the pins to the brackets by holding the pin in place with a spanner, while using a socket to tighten the nut.
3. Ensure the final position of the pin matches the same orientation as the keyholes of your Maxtrax. This can vary, depending on your desired bracket placement.
4. Determine where you you would like to run your recovery boards, by loosely lining up the brackets in either the in-line or across slat orientation on your roof rack.

   Check that they don't foul on other mounted accessories, and that the orientation is compatible with your type of roof rack.

   Once you're happy with the position, you can proceed to the relevant section of installation instructions.







Installation: Across Slat Orientation

5. To mount across the slats, slide 2 of the specific captive fasteners for your roof rack (see hardware breakdown on page 3), into a channel. Repeat in another channel 2 slats apart.

   If you are installing on a Rhino-Rack or Yakima: place the SwitchBolt in the desired position, and twist the bolt 90 degrees in the channel as pictured. Secure the SwitchBolt's position with a Retainer over the top.

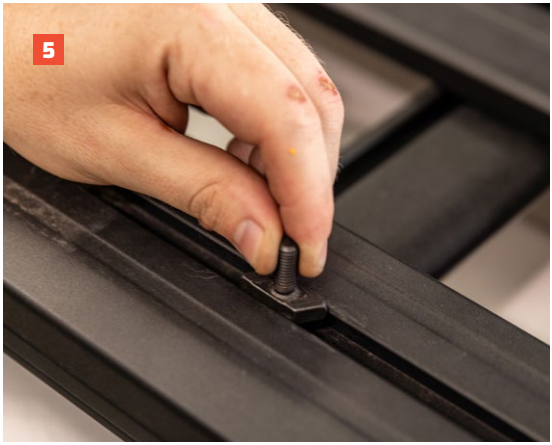
6. Next, place your Flush Flat Mounts in the desired mounting locations on each slat. You will notice that the mounting holes on the bracket are labelled, and indicate where the bracket should be aligned to the channel on your specific roof rack.

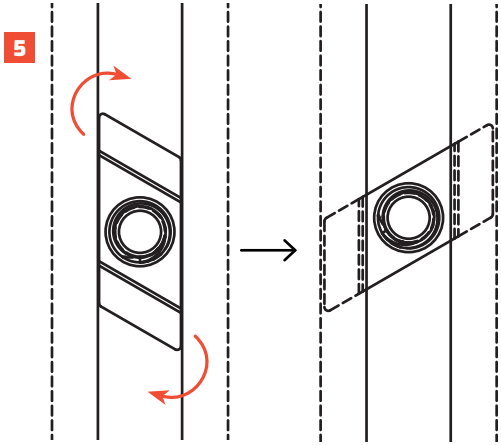
7. Slide the captive fasteners underneath so they line up with the designated holes on the bracket, and loosely finger-tighten a Nyloc nut and washer onto the captive fastener below.

8. Repeat the process for the other bracket. Once both are secure, test the alignment of your brackets by lining up a single recovery board with the pins.

9. With correct alignment confirmed, tighten the bolts completely.

10. Now you're ready to start rocking your recovery boards! Use the pin locking mechanism to secure either 2 or 4 boards.







Installation: In-line Slat Orientation

11. To mount your recovery boards in-line with the slats, select a slat and slide all 4 of the specific captive fasteners for your roof rack (see hardware breakdown on page 3), in to the channel.

    If you are installing on a Rhino-Rack or Yakima: place the SwitchBolt in the desired position, and twist the bolt 90 degrees in the channel as pictured. Secure the SwitchBolt's position with a Retainer over the top.

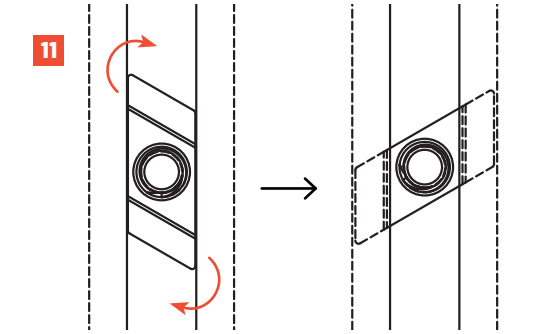
12. Next, place your Flush Flat Mounts in the desired mounting locations on the slat. You will notice that the mounting holes on the bracket are labelled, and indicate where the bracket should be aligned to the channel, to mount in-line.

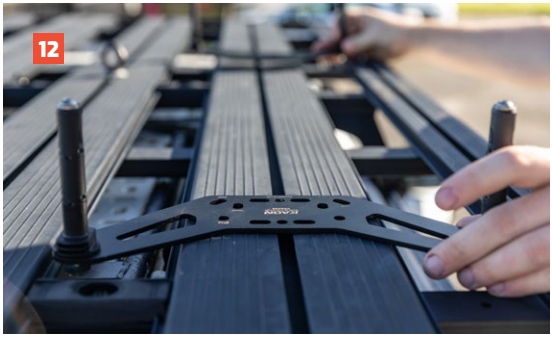
    Depending on which Maxtrax you are using, the length will determine how far you will need to space your pins. Use the following distance for spacing your pins:

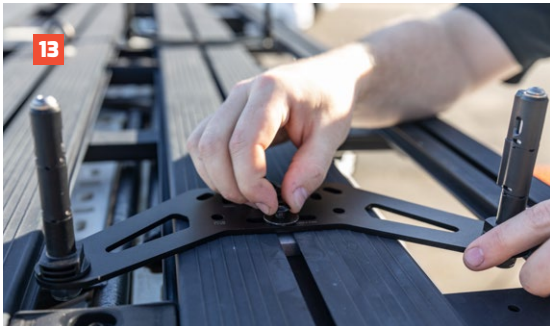
    Standard Maxtrax/TRED: 890mm
    Maxtrax Lite: 634mm
    Maxtrax Mini: 379mm

13. Slide the captive fasteners underneath so they line up with the designated holes on the bracket, and loosely finger-tighten a Nyloc nut and washer onto the captive fastener below.





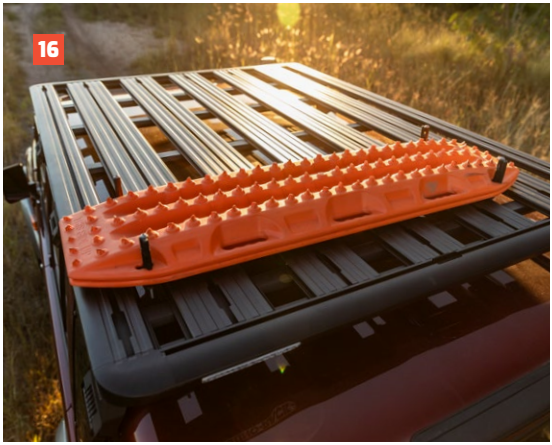




Installation cont.

14. Once both bolts are secure, test the spacing of your brackets by lining up a single recovery board with the pins.
15. With correct alignment confirmed, tighten the bolts completely.
16. Now you're ready to start rocking your recovery boards! Use the pin locking mechanism to secure either 2 or 4 boards.







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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