

## Roof Basket Fitting Guide

- **Tools required;**

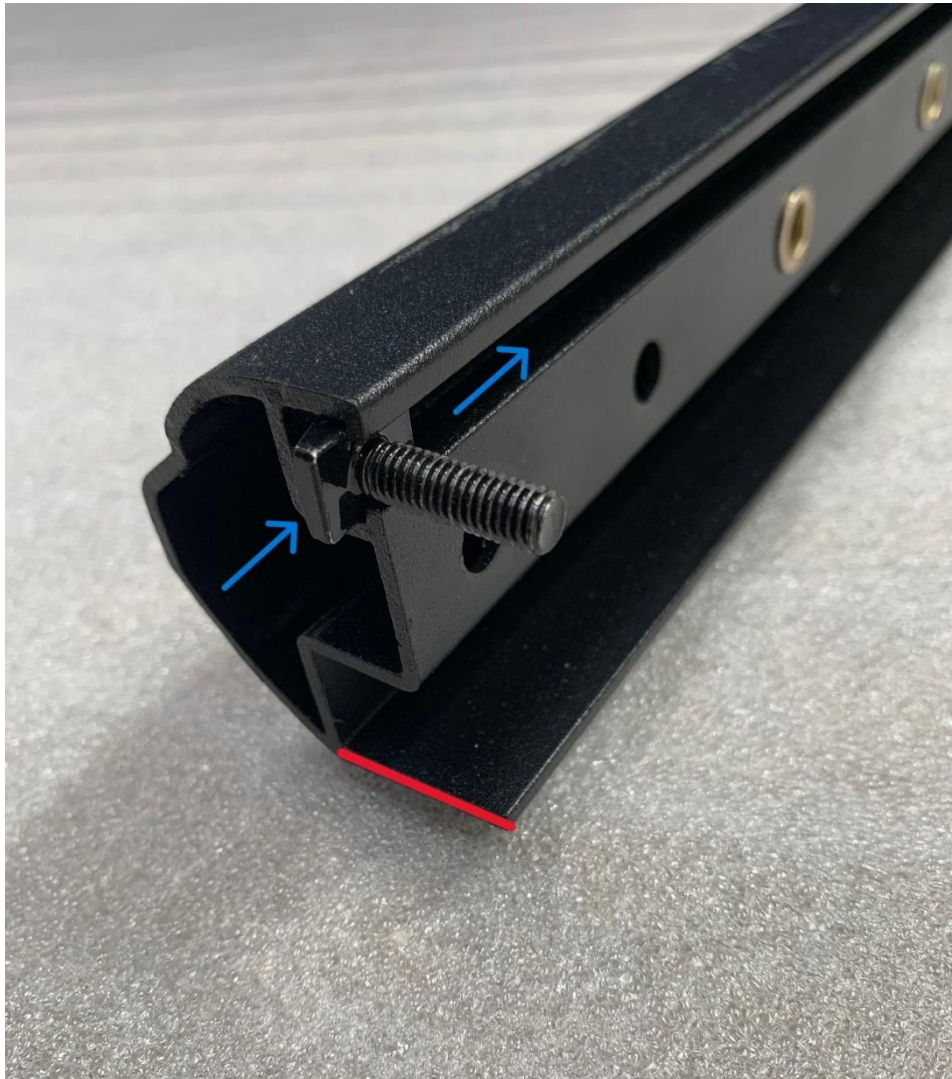
*4mm, 5mm & 8mm Allen key.*

*10mm Ratchet & Socket.*

*10mm Spanner.*

- **Step 1** - Place one of the U-shaped channels on a protected even surface sitting it with the longer lip towards the bottom, as shown in red below.

Insert a T-bolt into the end of the channel as shown below, continue to slide the T-bolt along the channel and around one corner.



- **Step 2** - Insert a total of 10 T-slot bolts and position roughly into 5 pairs along the long straight edge as shown below.

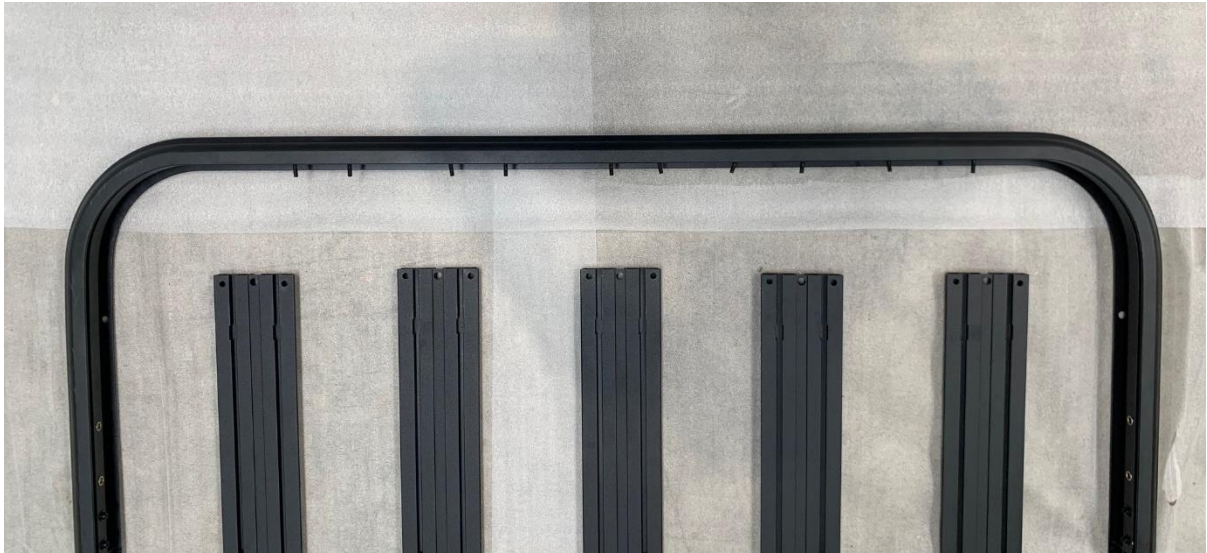


- **Step 3** - Insert a connecting piece into each end of the U-shaped channel and fix with M6x20 button head bolt, spring washer & washer into the threaded insert within connecting piece.





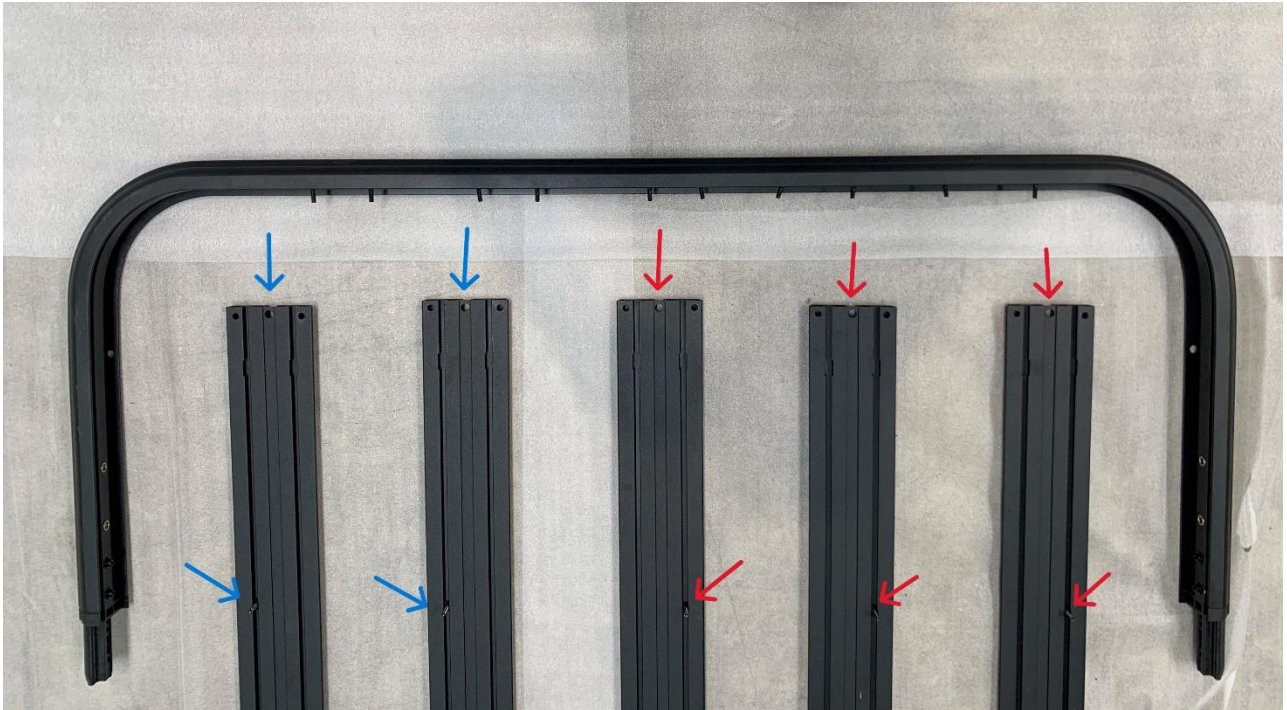
- **Step 4** - Repeat steps 1, 2 & 3 for the other U-shaped channel.
- **Step 5** - Lay out the long support rails so that the channel cut outs are facing upward, within the inside of the U-shaped channel and roughly inline with the pairs of T-slot bolts within the U-shaped channel as shown below.  
Repeat this at opposite end with the other U-shaped channel.



- **Step 6** - Insert T-slot bolts within the square cut outs in the long support rails, see next step for qty's.



- **Step 7**
- Insert 5 T-slot bolts down the channel on the side arrowed **red**, on the 3 support bars arrowed **red**.
- Insert 5 T-slot bolts down the channel on the side arrowed **blue**, on the 2-support arrowed **blue**.



**Step 8** - Place the long straight sections of channel between the two U-shaped channels, again, ensuring the long lip is towards the bottom. Insert the connecting pieces into the straight sections of channelling, and pull together the U-shape channel and straight channels. – ***See step 9 before fully pulling together.***





- **Step 9** - Ensuring that the long support rails slot **within** the channel recess as shown below, fully pull the U-shape channel and straight channel together. Fix in place using the same fixings and method as used in step 3.





**Step 10** - Align holes in the cross-section support rails with the T-slot bolts previously fitted to long support rails, ensure the channel recess, and threaded inserts are facing upwards, (below image).

Fit the T-slot bolts through the holes and slide the cross-section support rails so that it aligns in the centres of threaded inserts that are located on the side face of the channels, (second below image). Repeat for all 5 cross-section support rails.



- **Step 11** – Fix the cross-section support rail brackets to the side channel as shown using M6 x 20 button head bolt, spring washer & washer. – 4 fixing points. Now fit M6 nuts to the T-slot bolts to firmly fix the cross-section support rail, to the long support rails. – Repeat for all 5 cross section support rails.



- **Step 12** – Fix the long support rails to the U-shaped channel using the brackets shown below. Secure in place with M6 nuts.



- **Step 13** – Ensuring all fittings are securely tightened, the roof rack is now ready to be fitted to the corresponding backbones. Backbones should be mounted to van roof firstly for fitting ease.