



MASAI 110 FLAT MECH ROOF RACK

ILLUSTRATED FITTING MANUAL



You will need:

- 5mm Allen Key
- 13mm Spanner/ Socket

This kit contains:

- | | |
|----------------------|--|
| • 16 Short Bolts | • 2 End Bars |
| • 16 Long Bolts | • 4 Side Bars |
| • 48 Washers | • 1 Middle Bar |
| • 16 Nyloc Nuts | • 8 Legs (with 8 Brackets
with washer & bolt) |
| • 16 Plastic Spacers | |
| • 8 Cross Bars | |

*Please check all parts are present upon arrival.
Failure to ensure all parts are present at the time of arrival may
affect returns.*

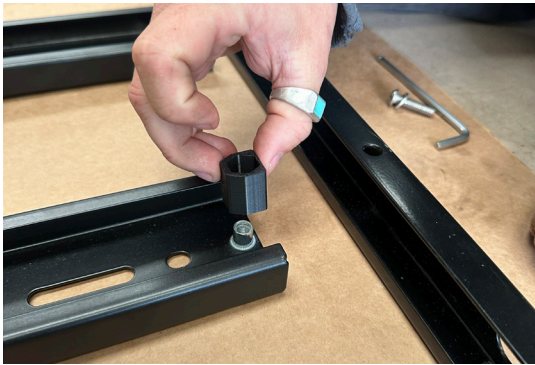


Start by laying your parts out in a similar layout to this.

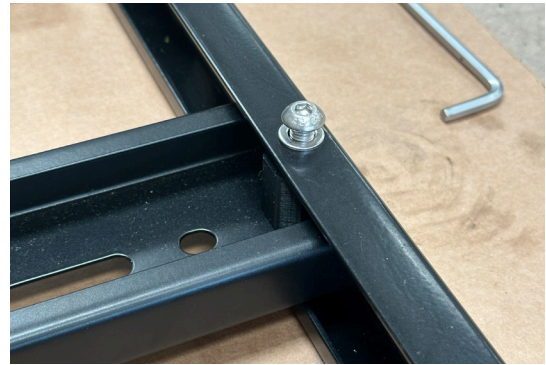
1. Ensure the masai text on the end pieces is upside down
2. Ensure the C-Channel of the cross bars is facing up (so you can see the body of the rivnut)
3. Ensure the side bars have the C-channel facing the cross bars and the holes are on the top side.



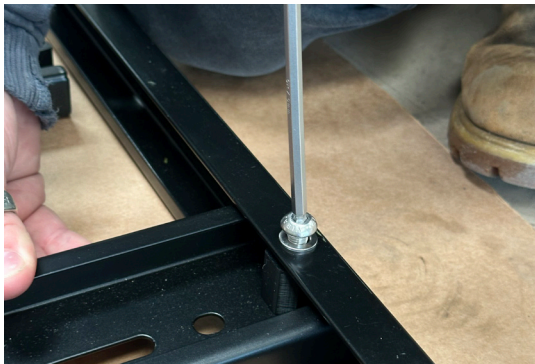
- Note: The position of the corner legs are the same as the photo above and mount using the two long bolts that run through each corner. The inside legs fit on a single bolt on the cross bar closest to the middle double cross bar. Exact positions are show in the fitting guide.



1. Start with the three cross bars closest to the front/ rear of the rack. Place one spacer over each rivnut on the cross bars.



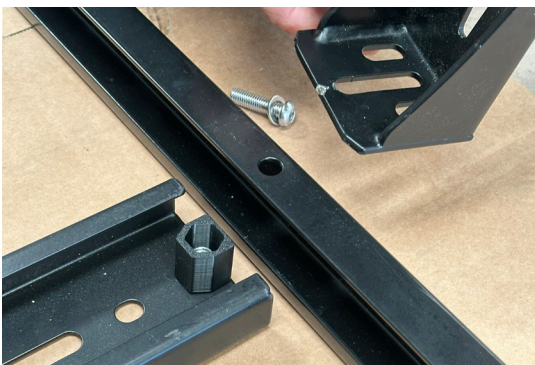
2. Run a short bolt with a washer through the hole on the side bar through the spacer and into the rivnut. You may need to lift the cross bar for the bolt to reach the rivnut.



3. Tighten. (ensure this is tight but do not overtighten as it may damage the metal/ paint). Repeat this process for the other two cross bars before fitting the fourth closest to the middle section.



4. It should look like this at this stage.



5. For the fourth cross bar closest to the middle bar, slide the spacer covered rivnut into the channel and place the leg on top of the side channel.



6. Run another short bolt with washer through the central channel on the leg, through the spacer and into the rivnut.



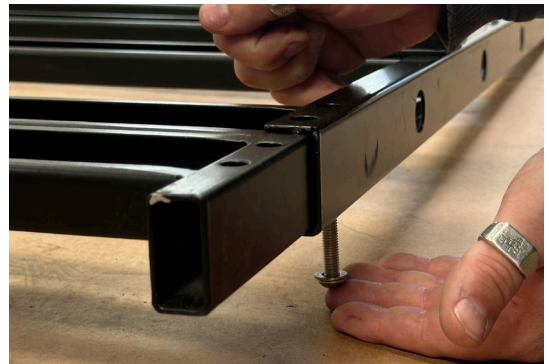
7. Your sections should now look like this.



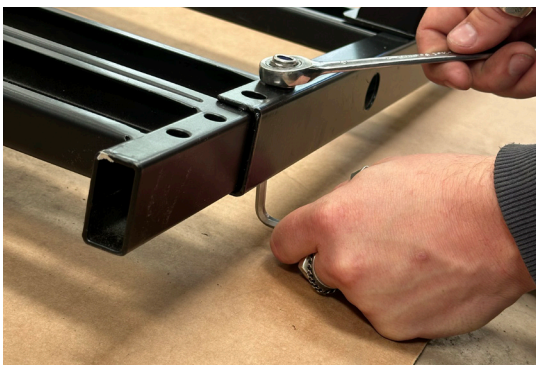
8. Repeat this process with each side bar. Ensuring that your inner legs are located on the cross bar closest to the middle bar.



9. Slide one half of the middle bar into one half of the rack that you have assembled. Again ensure that this middle bar is closest to the crossbar that has the leg on it.



10. Run a long bolt with a washer through each of the two holes ensuring the holes are aligned.



11. Place a washer and then the nyloc nut on the end of the bolt and tighten with your 13mm spanner, counter locking with the allen key.



12. Repeat for all the holes on this side. At this stage your roof rack should look like this.



13. Slide the other half of the rack you have assembled into the middle bar, aligning the holes on both sides.



14. Slide the long bolts, with washers, through the remaining holes on the middle bar and tighten the washer and nyloc nuts down.



15. At this stage your roof rack should look like this.



16. Slide an end section with the Masai writing on it into the end section of the side bars, ensuring the holes are aligned.



17. Slide the long bolts, with washers, through the holes on the end bar.



18. Place a leg over the two bolts and secure with a washer and nyloc nut each.



19. You're nearly there, just repeat the same for the other end of the roof rack.



20. Unscrew the bolt holding the clamping brackets to the legs.



21. Ensure these clamps are removed before attempting fitting to avoid damaging the roof gutters when fitting.



22. With the help from another person(s) flip the roof rack over and gently place on the roof of your defender. (Due to variance in the Land Rover Defender roofs there may be need to adjust the legs once on the car)



23. Once all the legs are sat in the gutter of the roof. Attach the clamp to each leg using the bolt and washer you removed.



24. Final check - Ensure all bolts are suitably tight and the roof rack is unable to move. Happy adventures!

Customer Feedback

Your feedback is very important to us.

We would love to hear any suggestions or recommendations you may have about the Masai product range. If you have any feedback you think may help us improve the services or products we offer, then please use the details found at the bottom of this page to contact us.

Thank you for choosing Masai.



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