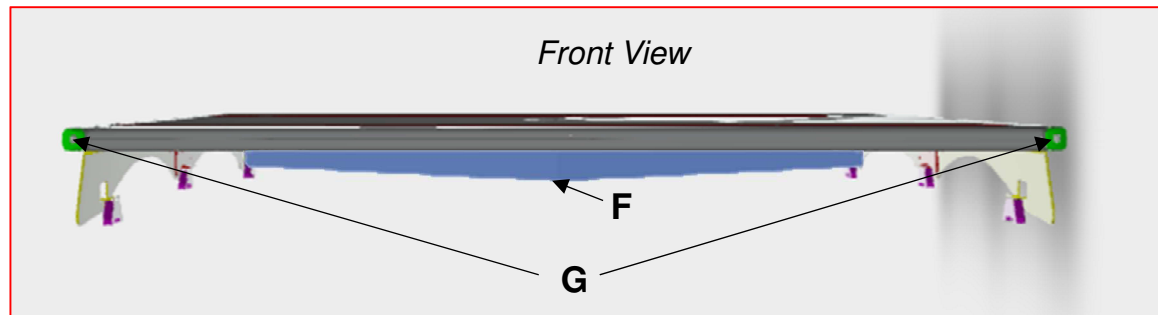


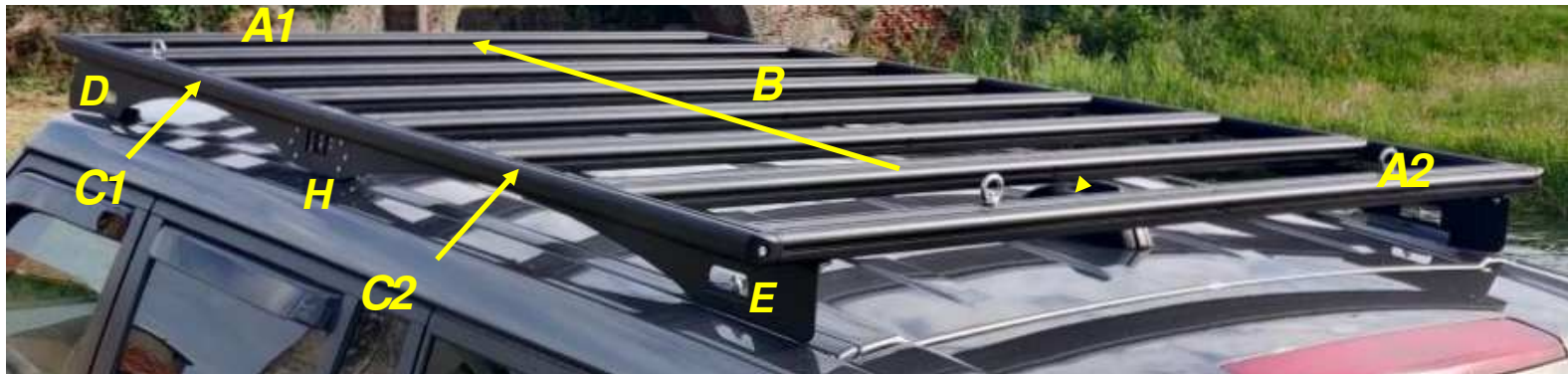
Thank you for purchasing the Out-Rack ultra slim roof rack. It has been developed to offer maximum flexibility of use, maintaining the best characteristics of lightness and strength.

Both the lateral bars and the loading crossbars are equipped with 6mm slots in which any standard M6 fixing systems can be used.

The loading crossbars can also be positioned as desired according to your specific needs.



Side View



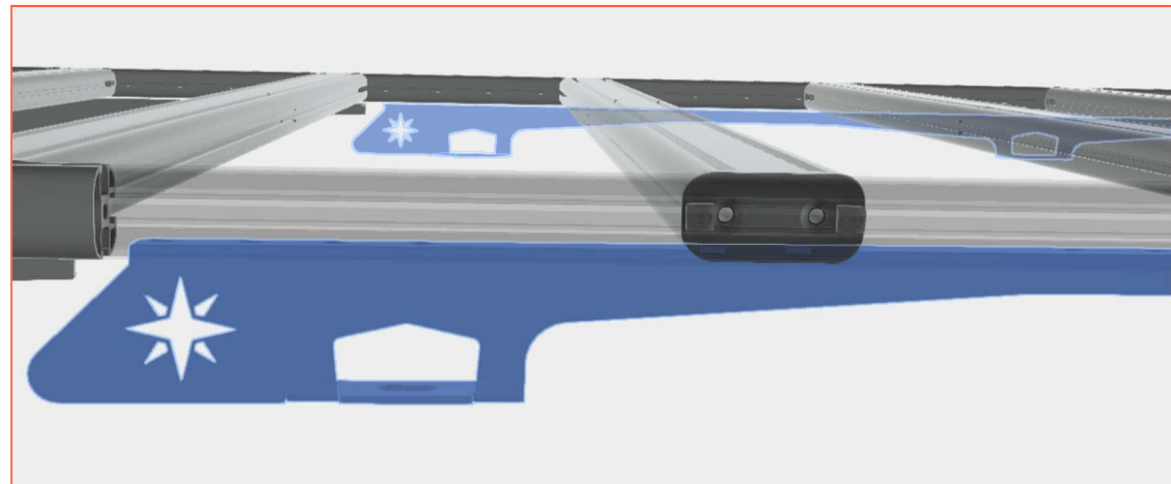
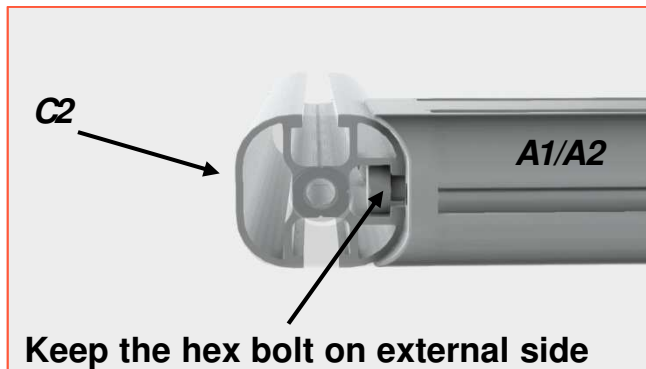
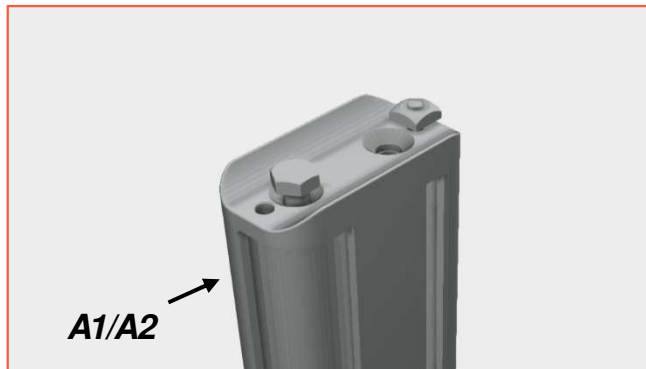
Kit Contents :

- Nr. 1 front crossbar - **A1**
- Nr. 1 rear crossbar - **A2**
- Nr. 6 loading crossbars - **B**
- Nr. 2 short side perimeter bars – **C1**
- Nr. 2 long side perimeter bars – **C2**
- Nr. 2 front brackets – **D**
- Nr. 2 middle brackets - **H**
- Nr. 2 rear brackets – **E**
- Nr. 1 wind deflector - **F**
- Nr. 4 corner plates - **G**
- Nr. 4 M6 Button head screws
- Nr. 2 120mm linear joint
- Nr. 2 60mm linear joint
- Nr. 2 brackets joint plates
- Nr. 12 M5 bolts
- Nr. 12 M5 self locking nuts
- Nr. 6 roof fitting spacers
- Nr. 6 M8 Hexagon socket set screws
- Nr. 6 M8 self locking nuts
- Nr. 38 M6x14 stainless steel bolts
- Nr. 38 M6 self locking nuts
- Nr. 4 M6 eye bolts
- Nr. 2 M6 hammer head bolts

Required tools:

- 3mm allen wrench (long with rounded head)
- 4mm allen wrench
- 10mm spanner
- 13mm spanner

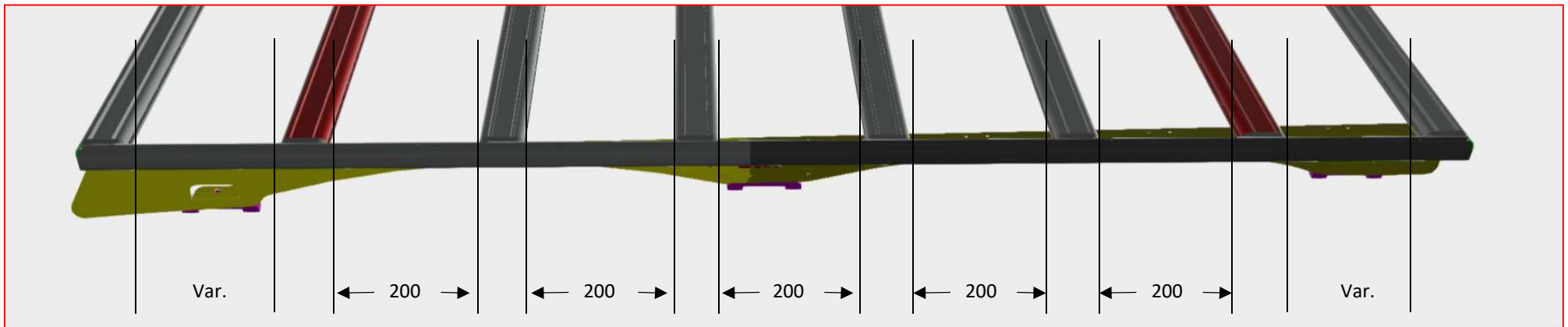
1. Carefully unscrew the square nuts of the crossbars **B** slightly, the square nuts and the hex screws of the crossbars **A1** and **A2** (front and rear), taking care not to unscrew them completely
2. Slide the side perimeter bar **C1**, **C2** on the side of the crossbars **A1**, **A2**, **B**. Keep external the side without a slot
3. Repeat the procedure on the opposite side



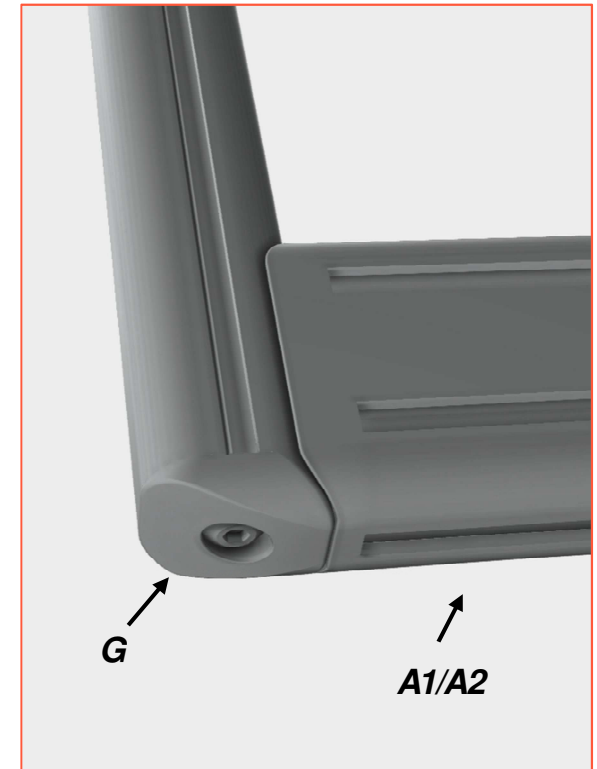
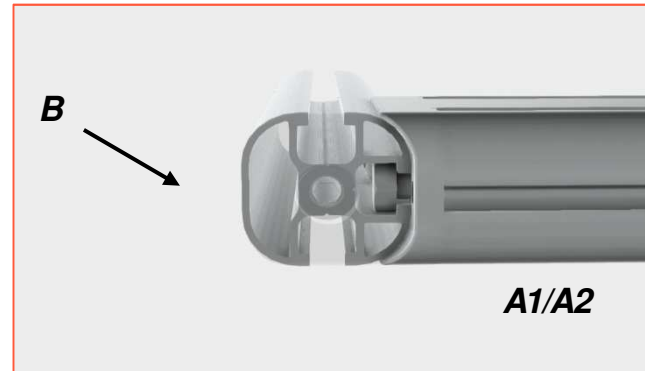
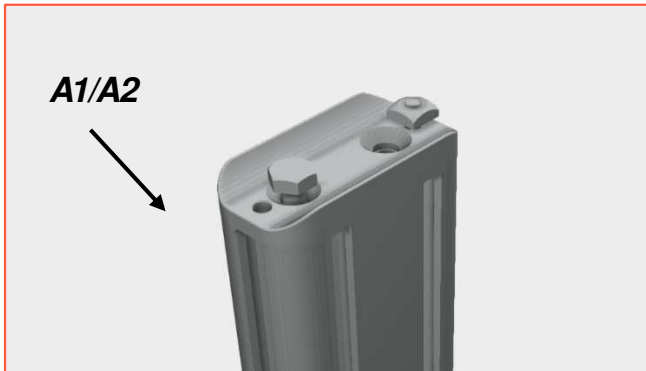
4. Take the side bar **C1** and join it with the **C2** using 2 linear joints.
The 120 mm joint must be placed in the lower slot, the 60 mm joint in the upper slot



5. Repeat the procedure with the opposite side
6. Slide the crossbars along the entire rack to distribute them according to your needs. Do not tighten fully so that crossbars can still slide a bit. For standard, compatible with most rack accessories, we suggest the following interim measures (mm):



7. Take the crossbar **A1** and **A2** (first and last crossbar of the loading floor) and join it to the side bars **C**
8. Using the 3mm Allen wrench, fully tighten the screws present in the corners, adjusting the position of the bar so that it remains snug and flush with the side bars. Then repeat the procedure with the opposite side



9. Connect the four cornerplates **G** flush with crossbar **A1** and **A2** and fully tighten.

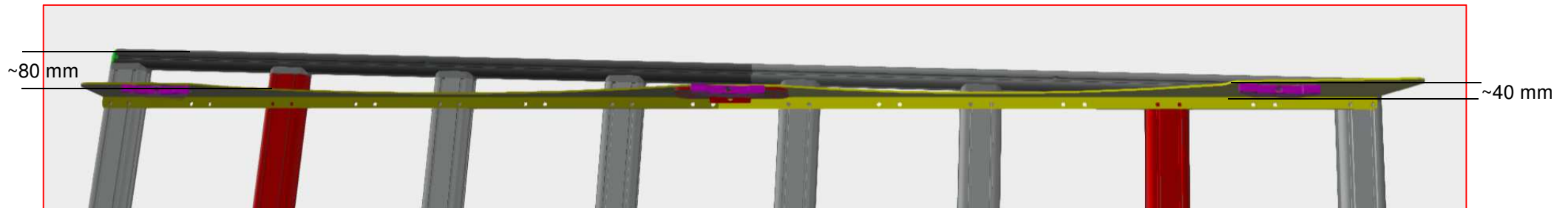
10. Take the front and rear bracket **D** and **E**, the and joint them using the joint bracket plate **H**, M5 bolts and self locking nuts



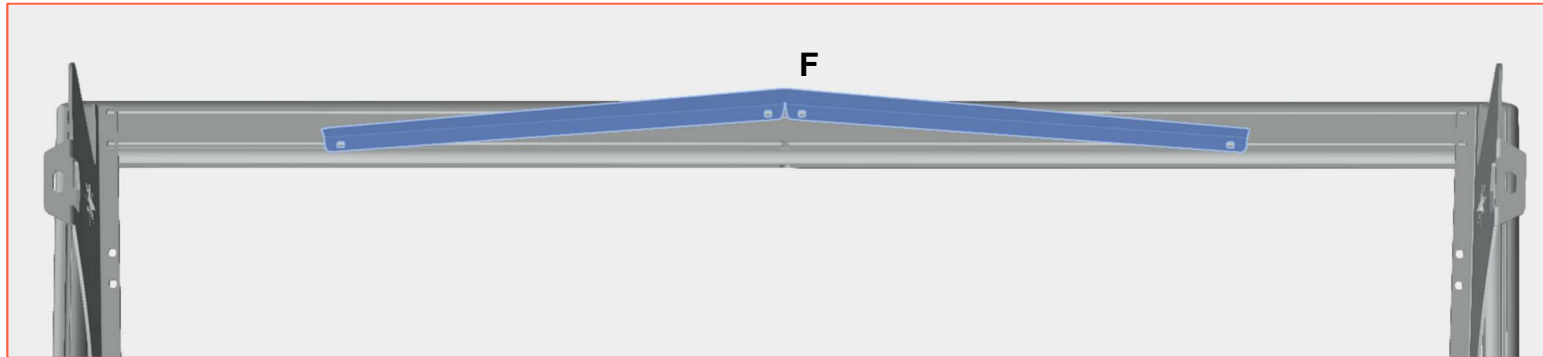
11. Insert one M6 bolts inside each slots of the signed crossbar and, using the M6 stop locking nuts supplied, assemble the perimeter brackets to the loading roof without completely tightening it



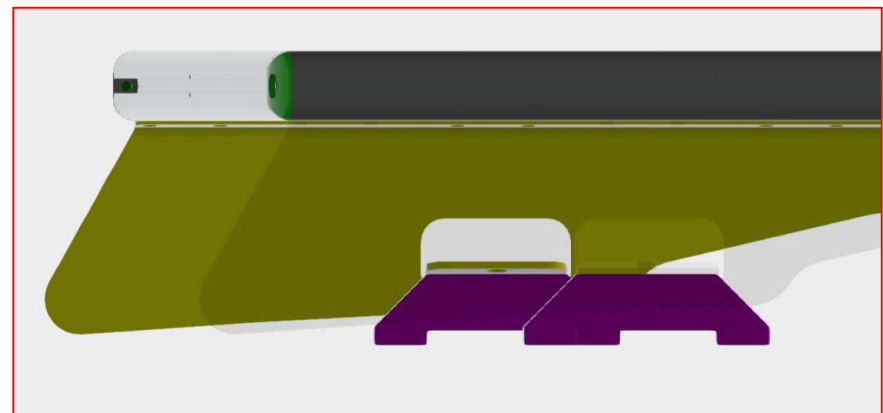
12. For easy placement on you Range Rover roof slots (which are not placed exactly square) we suggest placing the perimeter brackets with ~40 mm from the side of the roofrack at the front and ~80 mm from the side of the roof rack from the rear as shown in pictures below



13. Insert 2 M6 bolts inside each slots of the **A1** crossbar and using the M6 stop locking nut supplied to assemble the front wind deflector **F**



14. The loosely connected assembly of the main roof rack structure is now completed
15. Gently, open the 6 fixing point covers on the range Rover roof, remove the short hex screws, insert the supplied long M8 hex screws. Then place the supplied roof fitting spacer



16. Now carefully place the roof rack on the roof fitting spacer and screw it loosely tight using the M8 self locking nuts



17. Center now the loading roof of the rack related to the center axis of the vehicle and tighten all 6 hex screws

18. Now fully tighten all the bolts to secure the crossbars **A1**, **A2** and **B** to the brackets **D** and **E** !!

19. Finally fully tighten all the bolts to secure the crossbars **A1**, **A2** and **B** to the side profiles **C1** and **C2** !!

**Congratulations, your new Out-Rack is now
fully installed and ready for your adventures!**



CAUTION

Periodically check and if necessary re-tightening all the parts



Roof rack for Range Rover L322 – Fitting guide

Out-Rack offers a range of products for the installation of accessories on your new roof rack such as: Aerial mount, LED bar, fixed and adjustable work lights and more.

Do you need a custom solution? Don't hesitate to tell us your needs!

For further information email us to: info@out-rack.com

