

INSTALLATION MANUAL

PRODUCT: MODULAR ROOF RACK

PART NO: 2M.0001.1
2M.0001.2
2M.0001.3
2M.0001.4
2M.0001.5



ATTENTION!

If the rack supplied with an additional kit please consider instruction of additional kit!

CAUTION!

To reduce the risk of serious injury or damage, please read and understand all instructions and procedures before attempting to install or use this product. Safety glasses must be worn at all times during installation or maintenance of this product. Ensure all mounting bolts are tensioned after 250 miles (400 km) and periodically there after.

MODULAR ROOF RACK

Part number 2M.0001.1
2M.0001.2
2M.0001.3
2M.0001.4
2M.0001.5

Material: Aluminum



SAFETY NOTICE

- * The RIVAL roof rack is designed to compliment the use and design of the specified vehicle under conditions specified by the car manufacturer.
- * While driving the vehicle at any speed, collision with any other vehicle, animal or object must always be avoided.
- * The operation of a vehicle where the roof rack is not properly attached and fastened to the vehicle, or where it has been damaged, must be avoided at all cost.
- * It is recommended that you carry out regular inspections of all the bracket fittings.

INSTALLATION NOTICE

- * The RIVAL roof rack must be mounted and affixed to the vehicle according to the installation manual provided by an authorized RIVAL dealer or Motor dealer or by a special vehicle repair or fitment center.
- * Personal safety during the installation process must be adhered to at all times and the use of personal safety equipment is highly recommended.

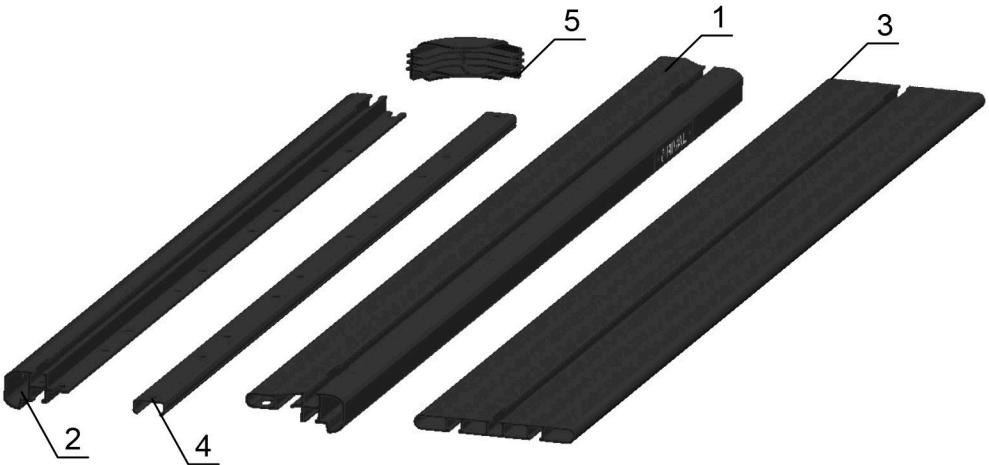
REQUIRED TOOLS

- * Basic tool kit
- * Torque wrench
- * Flat head screwdriver
- * Measure tape
- * Rubber hammer

TORQUE SETTING

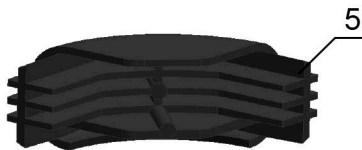
* M8 - 24 Nm

PARTS LISTING



- 1. Combined slatQty 2
- 2. Side profile.....Qty 2
- 3. Standard slat.....Qty 4
- 4. Cross bar.....Qty 2
- 5. Plastic corner.....Qty 4

SPARE PARTS



- 5. Plastic corner.....Qty 2

PARTS LISTING



- 6. Bolt M8x16.....Qty 40
- 7. Nut M8.....Qty 40
- 8. Washer 8.....Qty 40

INSTALLATION PROCEDURE

If the rack supplied with an additional kit please consider instruction of additional kit!



Fig. 1

1. Install the plastic corner (pos. 5) into corner of combined slat (pos. 1), as shown in (fig. 1). Use rubber hammer if necessary.



Fig. 2

2. Loosely install washer 8 (pos. 8) and nut M8 (pos. 7) on bolt M8x16 (pos. 6). Insert bolt M8x16 (pos. 6) into slot of combined slat (pos. 1) as shown in fig.2. Do not tighten yet.



Fig. 3

3. Repeat steps 1-2 for the other side of the combined slat, and on 2nd combined slat (pos. 1).



Fig. 4

4. Connect plastic corner (pos. 5) with side profile (pos. 2) as shown in fig. 4. Use rubber hammer if necessary.

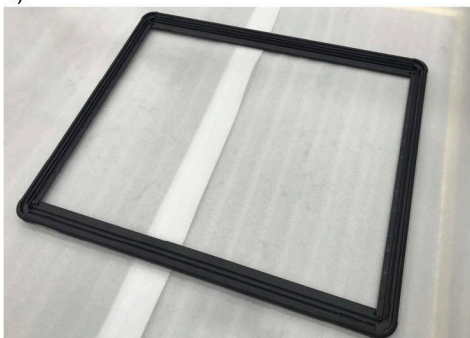


Fig. 5

5. Repeat step 4 for all side profiles (pos. 2) and combined slat (pos. 1) to build roof rack body, as shown in fig. 5.



Fig. 6

6. Take standard slats (pos. 3) and slide the one end into side profile (pos. 2), as shown in fig.6.

INSTALLATION PROCEDURE



Fig. 7

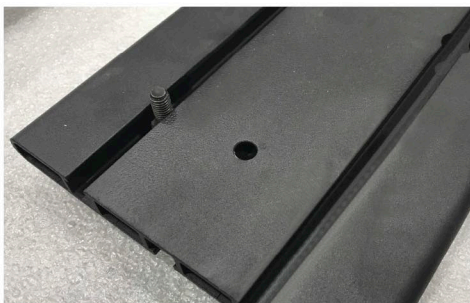


Fig. 8

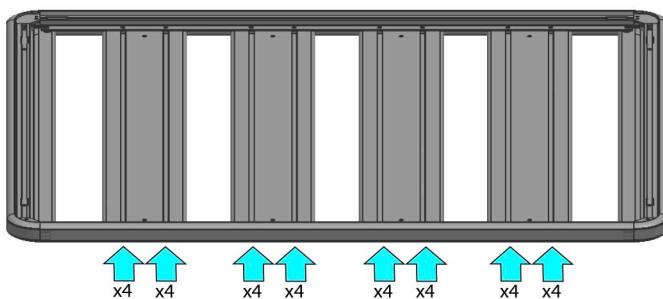


Fig. 9

7. Insert 4 bolts M8x16 (pos. 6) into each slot of standard slats (pos. 3), as shown in fig. 7, 8, 9.



Fig. 10

8. Slide 1 bolt M8x16 (pos. 6) in each slot to the standard slat (pos. 3) edge, and insert into holes in side profile (pos. 2), as shown in fig. 10.

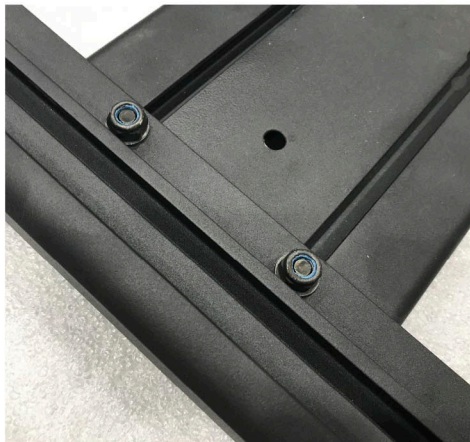


Fig. 11

9. Loosely install washer 8 (pos. 8) and nut M8 (pos. 7). Do not tighten yet.

INSTALLATION PROCEDURE



Fig. 12

10. Repeat steps 8-9 for all standard slats (pos. 3) both sides of roof rack.



Fig. 13

11. Insert 2 bolts M8x16 (pos. 6) into slots of both combined slats (pos.1), as shown in fig. 13.



Fig. 14

12. Install cross bars (pos. 4) on bolts M8x16 (pos. 6) from steps 7 and 11, as shown in fig. 14.

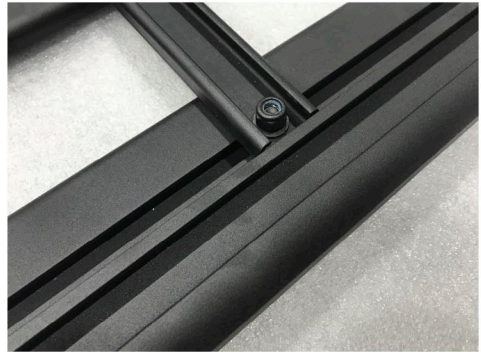


Fig. 15

13. Loosely install washer 8 (pos. 8) and nut M8 (pos. 7). Do not tighten yet.

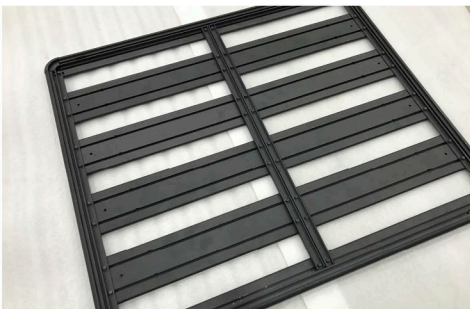


Fig. 16

14. Adjust cross bars (pos. 4) in the middle of roof rack.



Fig. 17

INSTALLATION PROCEDURE

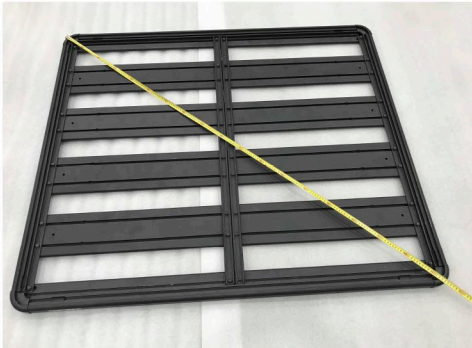


Fig. 18

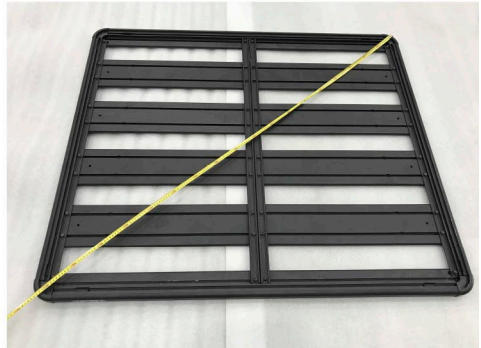


Fig. 19

15. Using measuring tape, measure from the one corner across to another corner. You'll have following dimensions:

2M.0001.1 - 65.7 inch/ 1670 mm;
2M.0001.2 - 68.1 inch/ 1730 mm;
2M.0001.3 - 70.3 inch/ 1785 mm;
2M.0001.4 - 72.6 inch/ 1845 mm;
2M.0001.5 - 74.6 inch/ 1895 mm.



Fig. 20



Fig. 21

16. Tighten hardware after that. Hold bolt head, on combined slat (pos. 1), using flat screwdriver.

INSTALLATION PROCEDURE

Before operating a vehicle fitted with a RIVAL Modular roof rack:

- make sure all fittings are tightened



INSTALLATION PROCEDURE

Thank you for your choice!

**Sincerely,
RIVAL 4x4 Team**