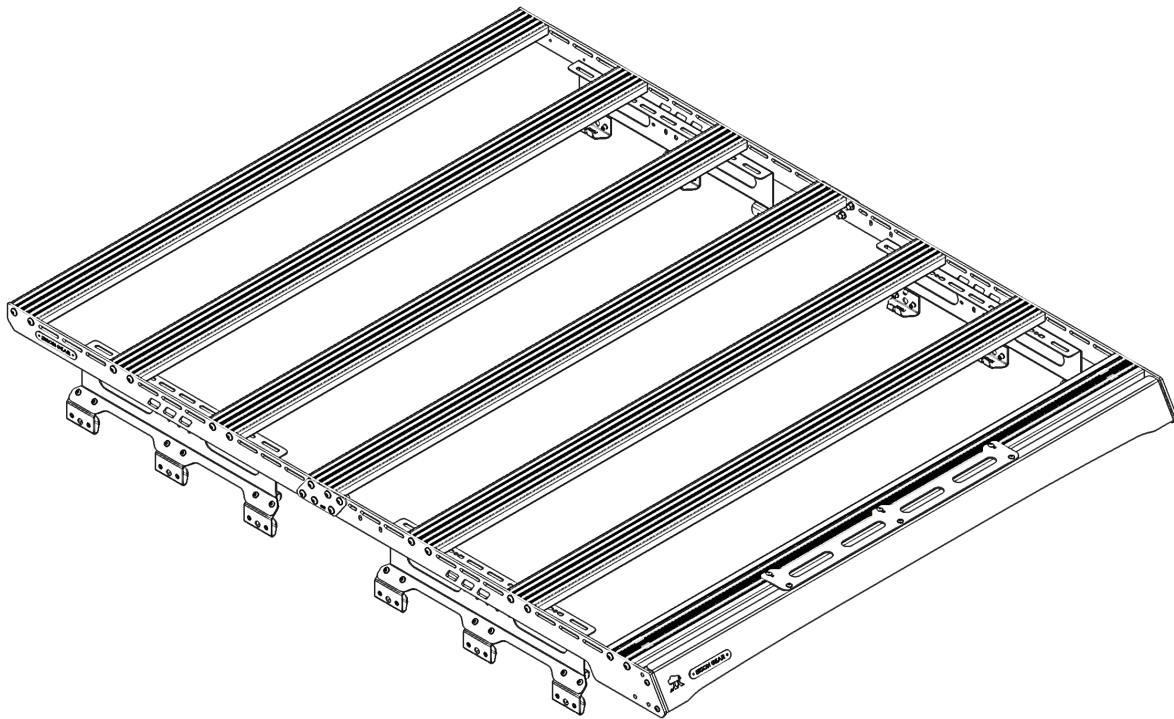




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INEOS Grenadier $\frac{3}{4}$ Roof Rack Installation Guide

RR-GRND-34-OX



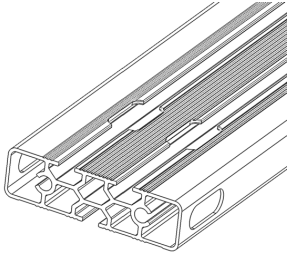
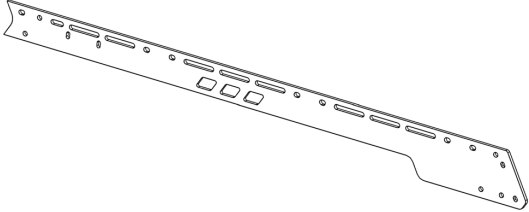
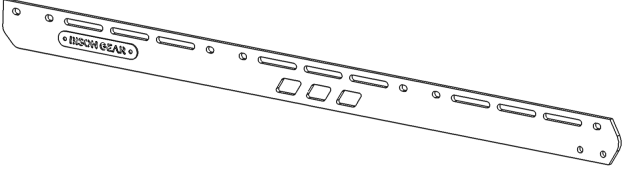
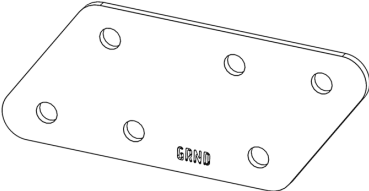
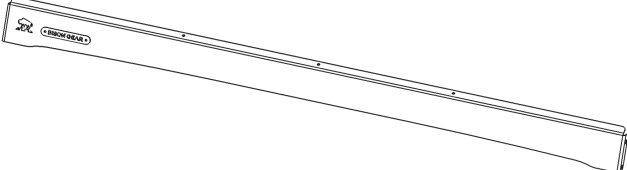
Before you start

Familiarize yourself with these instructions. Ensure that all listed parts and hardware are present in package. Locate a flat surface or floor with a minimum area of **3 x 2.5 meters**. Gather the required tools. The installation requires two adult people.



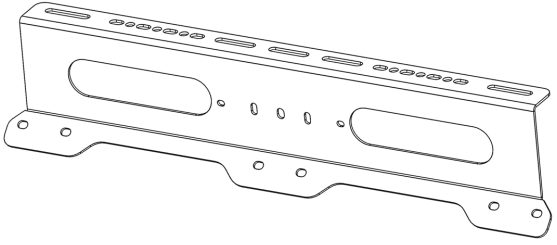
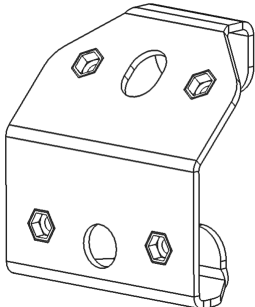
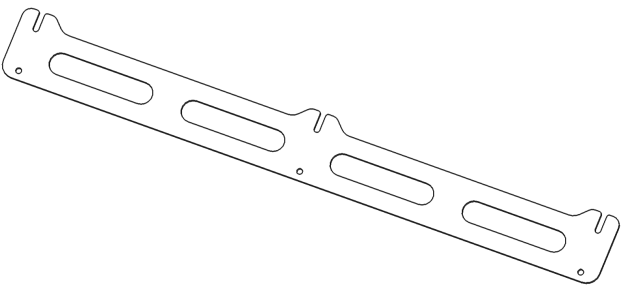



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Part list

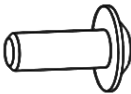
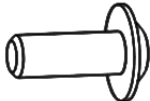
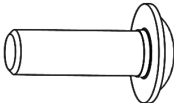
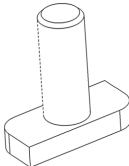
No.	PART	QTY	IMAGE	<input checked="" type="checkbox"/>
1	Profile 90x25 L=1180	7		
2	Front rail	2		
3	Back rail	2		
4	Connector	2		
5	Wind deflector	1		



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6	Large roof bracket	4		
7	Small roof bracket	12		
8	Wind deflector suport bracket	1		
9	Flange nut M6 DIN 6923	7		
10	T-slot M6 nut	3	 or	
11	Flange nut M8 DIN 6923	16		



12	Bolt M6x12 ISO 7380-2	3		
13	Bolt M6x16 ISO 7380-2	31		
14	Bolt M8x25 ISO 7380-2	36		
15	T-Bolt M8x20	8		

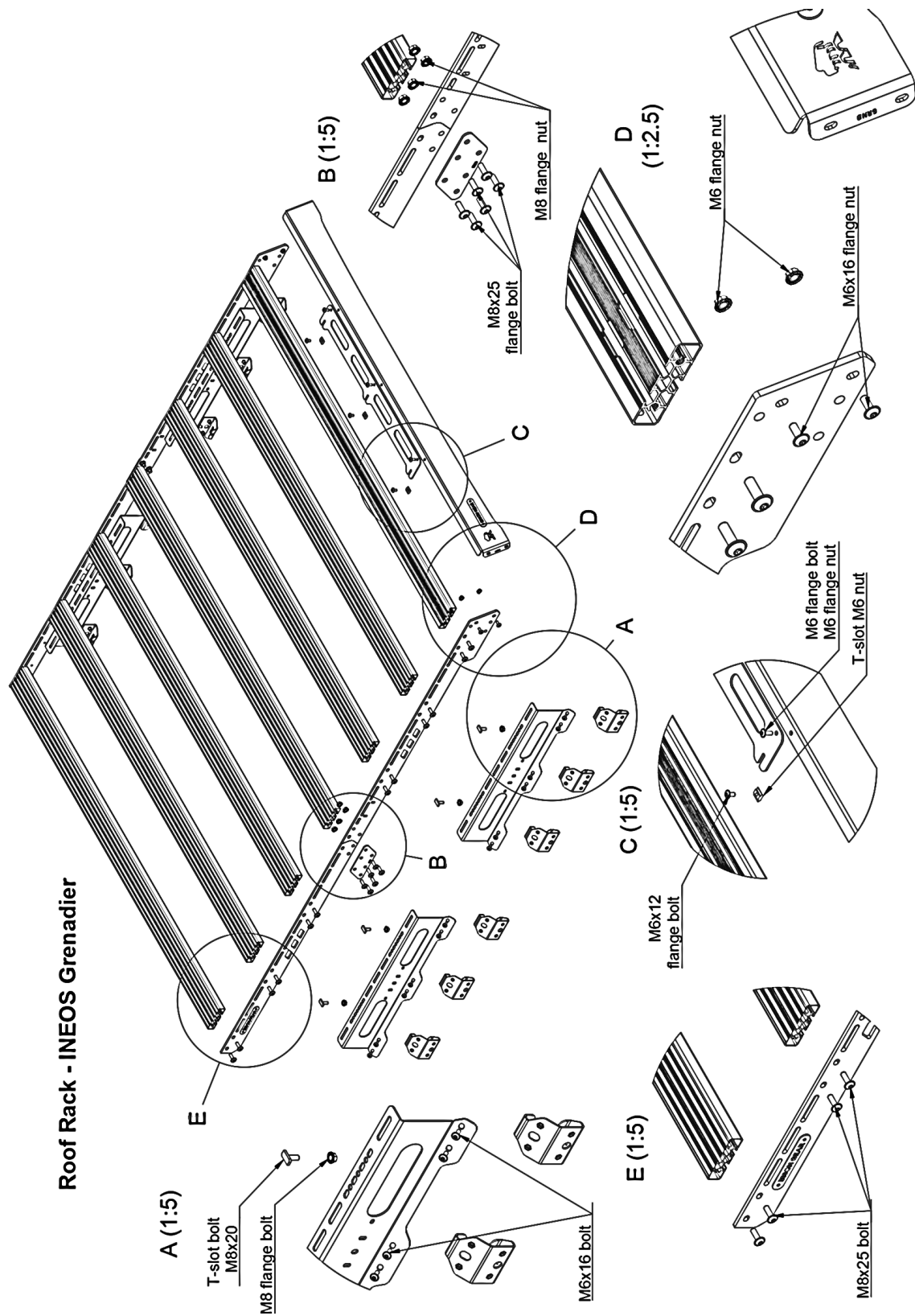
List of necessary tools¹:

- TX30 Torx key
- 4 mm Allen Key (Hex)
- 5 mm Allen Key (Hex)
- 10 mm wrench
- 13 mm wrench

¹ NOTE: The tools **are not** included in the set.



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Roof Rack - INEOS Grenadier



Installation:

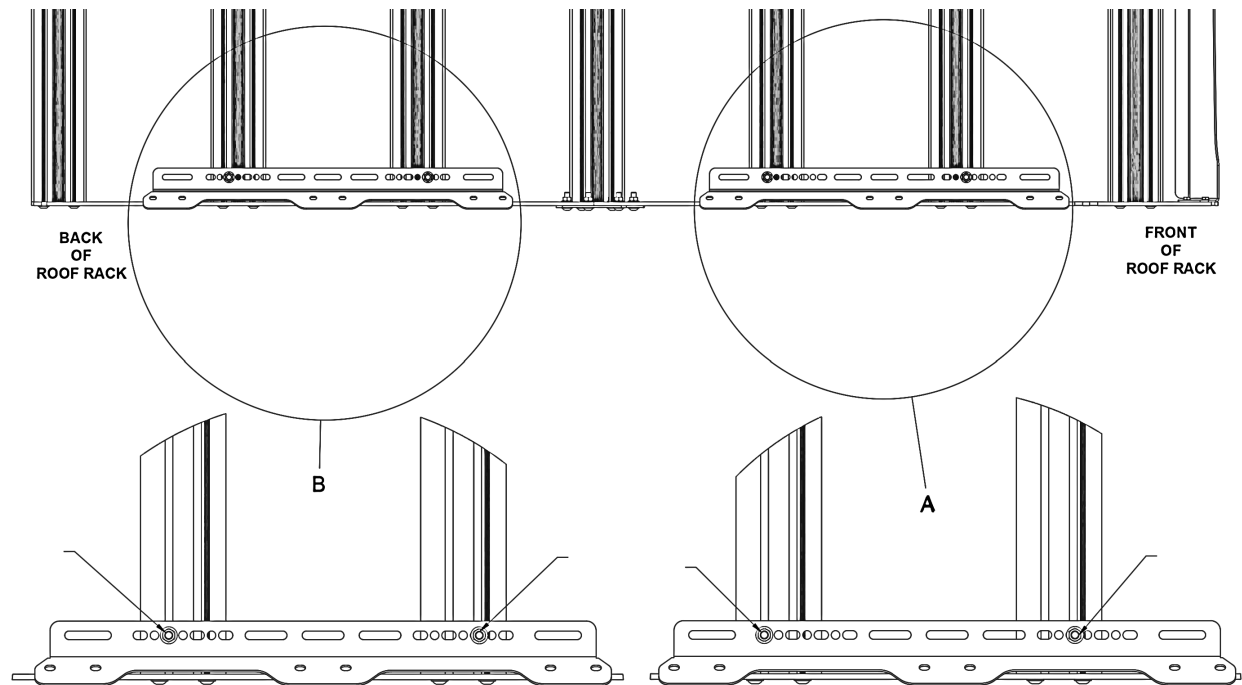
Before you start to work, familiarize with the **Roof Rack Diagram** on **page 5**. There is an exploded view that shows you how to mount the roof rack parts together.

Follow the steps below to install product correctly:

1. Start by preparing the product parts and gathering the necessary tools.
2. Screw together **wind deflector** and **wind deflector support bracket** using **M6x16 bolts** and **M6 flange nuts**.
3. Assemble the **profiles, rails, connectors** together on the ground or other flat space - use M8x25 bolts and M8 flange nuts. The first crossbar (looking from the front of the roof rack) needs to be placed the two-slot side up.
4. Make sure that **rails** are straight and tighten the bolts.
5. Screw the **wind deflector** to the side rails (using **M6x16 bolts** and **M6 flange nuts**) and to the first crossbar (using **T-slot M6 nuts** and **M6x12 bolts**).
6. Pre-screw the **large roof brackets** under the roof rack. Use the **T-bolts M8x20** and **M8 flange nuts**. (The crossbars have a special hole on the slot which able to slide the T-Bolts into the slot.) The position of the large brackets is illustrated below. Pre-screw **all four brackets** (two on the left and two on the right side of the roof rack).



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7. Remove **the factory bolts** from the factory roof bars using a **TX30 bit or screwdriver**. Install the small roof rack brackets using the same factory bolts.

Repeat it for **all 12 brackets**.





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8. In the next step you must have assist of **minimum one adult person** who help you put the **whole construction** on the roof. Before you start, prepare 24 - **M6x16 bolts**.
9. Place the **roof rack** on the car and pre-screw it to the **small roof bracket** using **M6x16 bolts**.
10. Adjust the **position** of the roof rack – it should be on the center of the car.
11. Tighten **all the bolts**.

Make sure that everything is mounted properly, and all the bolts are tightened. If it everything is correct, your work is done.

After driving 50km with rack on the roof, check all the bolts and retighten them if necessary.



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Have a great time with the Bison Gear product!



Email: contact@bison-gear.com

Phone: **+48 505 642 981**