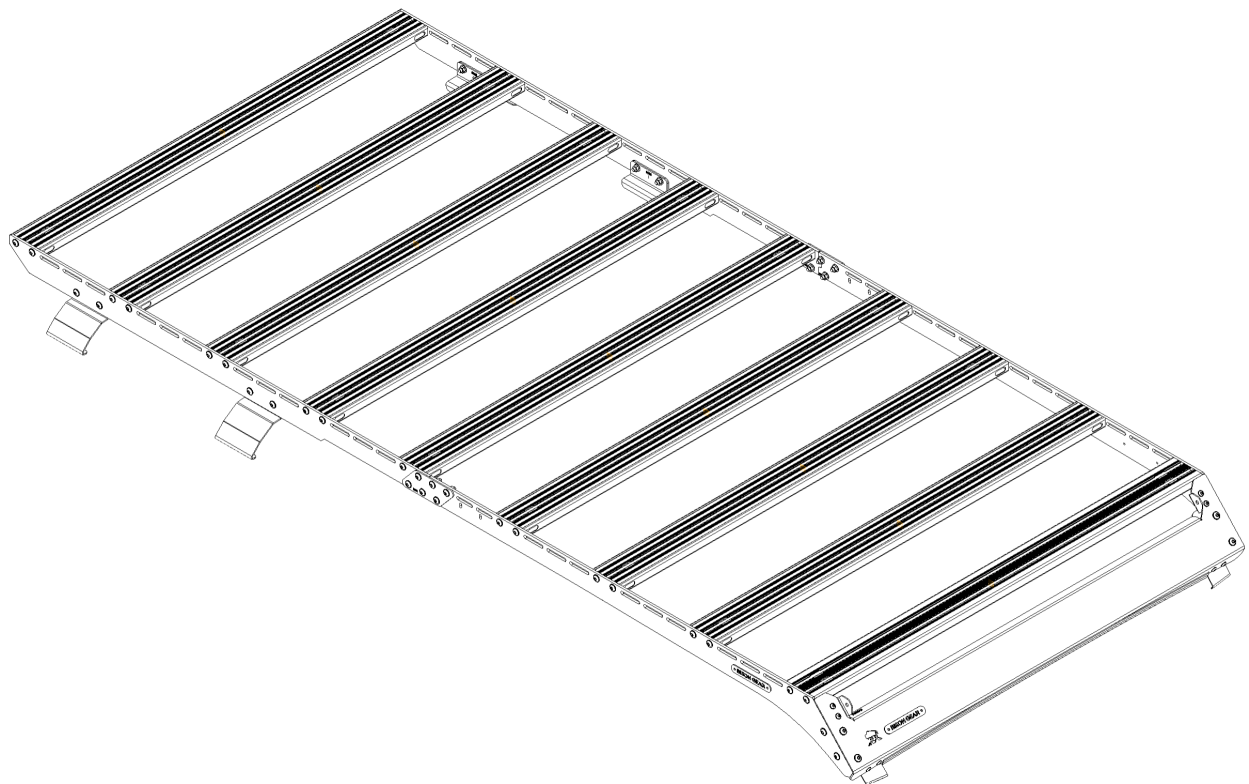




**BISON GEAR**

# Ford Bronco 6G 4-Door Roof Rack - LED Installation Guide

**RR-BRN-6G4D-OX-LED**



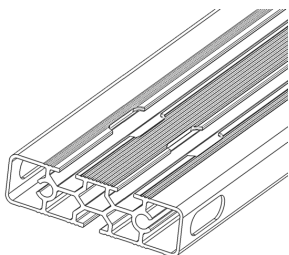
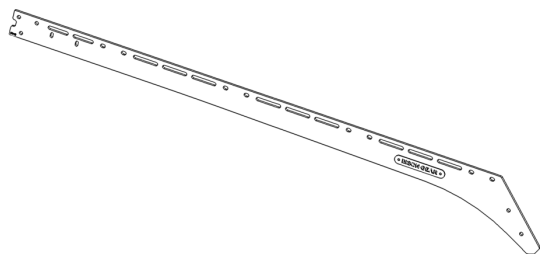
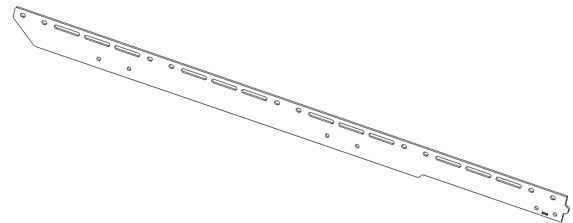


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## Before you start

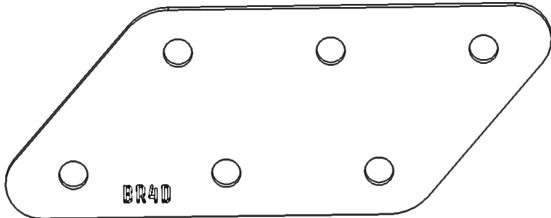
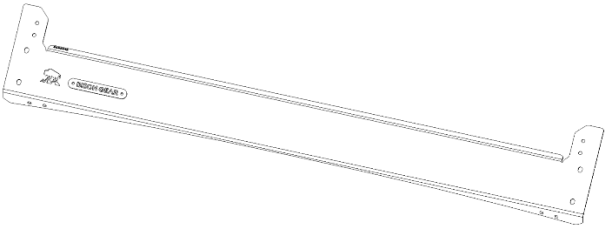
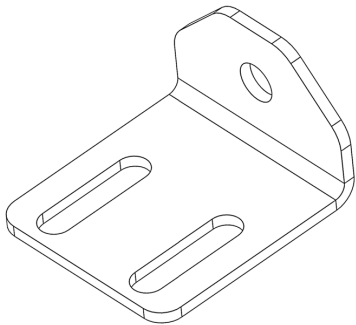
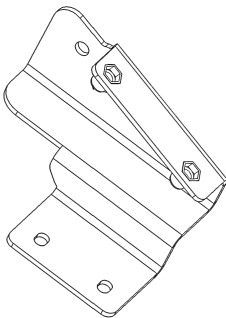
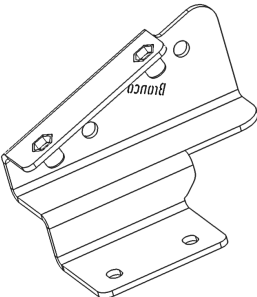
Familiarize yourself with these instructions. Ensure that all listed parts and hardware are present in package. Locate a flat surface or floor with a minimum area of **3 x 2.5 meters**. Gather the required tools. The installation requires two adult people.

## Part list

No.	PART	QTY	IMAGE	<input checked="" type="checkbox"/>
1	Profile 90x25 L=1180	9		
2	Front rail L + R	2		
3	Back rail	2		

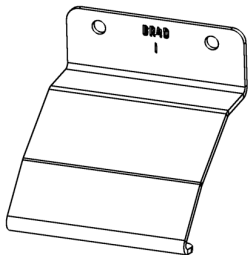
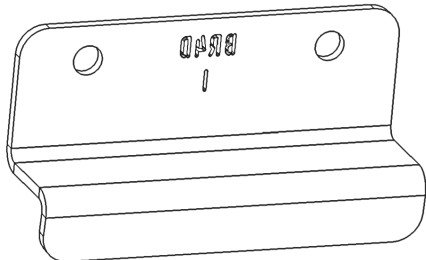
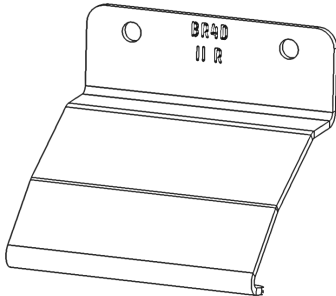
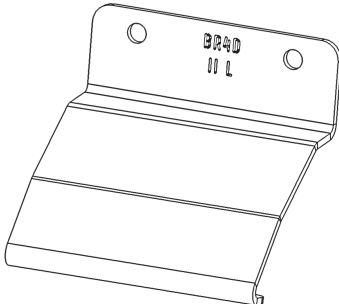
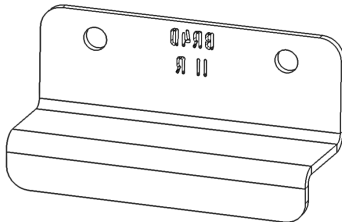


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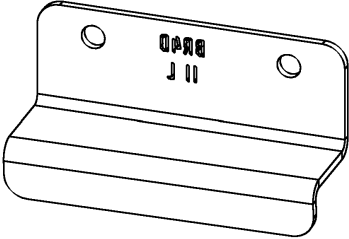
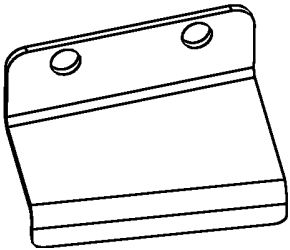
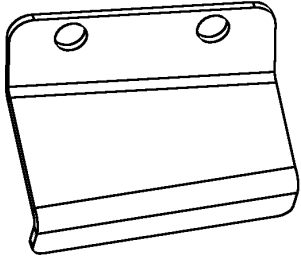


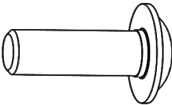
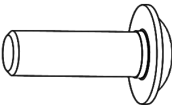
4	Connector	2		
5	Wind deflector	1		
6	Led bar bracket	2		
7	Front roof bracket L	1		
8	Front roof bracket R	1		



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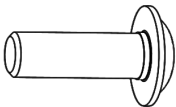
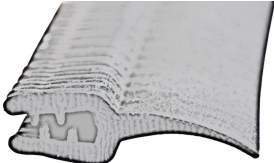

9	Middle external bracket	2		
10	Middle internal bracket	2		
11	Back external bracket R	1		
12	Back external bracket L	1		
13	Back internal bracket R	1		



14	Back internal bracket L	1		
15	Front right cover	1		
16	Front left cover	1		
17	Flange nut M6 DIN 6923	12		
18	Flange nut M8 DIN 6923	22		
20	Bolt M6x12 ISO 7380-2	8		
21	Bolt M8x16 ISO 7380-2	2		



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20	Bolt M8x25 ISO 7380-2	62		
21	Rubber wind deflector gasket	1 m		
22	Protection tape	1.4 m		

## List of necessary tools<sup>1</sup>:

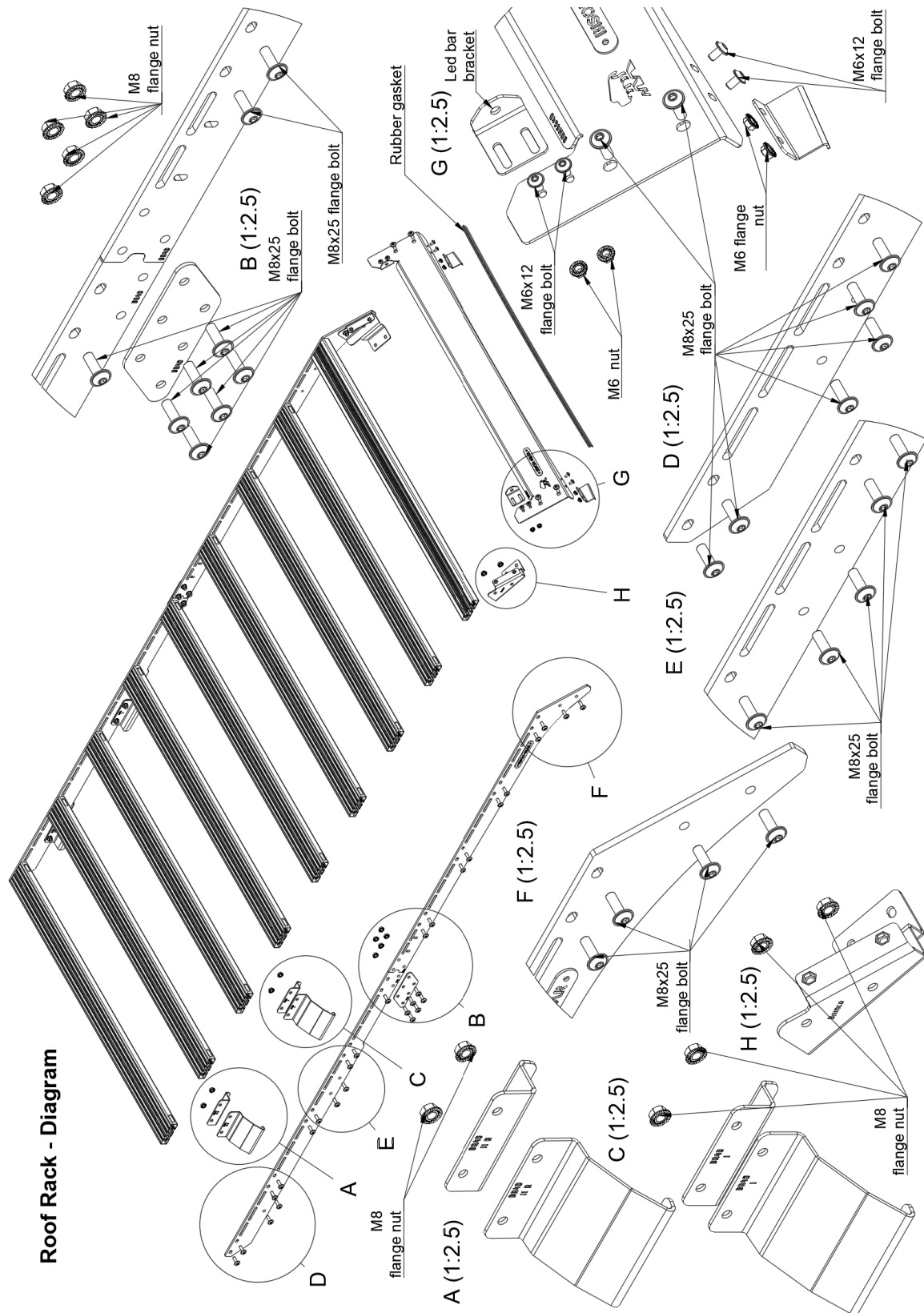
- 5 mm Allen Key (Hex)
- 4 mm Allen Key (Hex)
- 10 mm wrench
- 13 mm wrench

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<sup>1</sup> NOTE: The tools **are not** included in the set.



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## Installation:

Before you start to work, familiarize with the **Roof Rack Diagram** on **page 7**. There is an exploded view that shows you how to mount the roof rack parts together.

The roof rack is prepared for 42" led bar mount (the set contains additional led bar brackets and M8x16 flange bolts to screw the led bar).

Follow the steps below to install product correctly:

1. Start by preparing the product parts and gathering the necessary tools.
2. Screw **the front covers** to **the wind deflector** using **M6x12 bolts** and **M6 nuts**. Pre-screw the led bar brackets to the wind deflector using **M6x12 bolts** and **M6 nuts**.
3. Place and trim if necessary, the rubber gasket on the wind deflector.
4. Assemble the **profiles, rails, connectors** together on the ground or other flat space.
5. Screw the **front brackets** to the roof rack using **M8x25 bolts** and **M8 nuts**.
6. \*\*\* If You have on the roof some items like – railings, roof rack or other product, you need to remove them off before starts mounting the roof rack.





7. Remove the front **plastic covers** (above the front car windshield) and unscrew two **M6 nuts** on each side and remove the covers base.
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 **middle external** and **internal brackets**, **back external** and **internal brackets** and set of fasteners (8 x **M8x25 bolts**, 8 x **M8** and 4 x **M6 nuts**).
9. Place the roof rack on the car (the front brackets mounting holes should go on the front threaded pins).

### **! Important**

**The set includes the protective tape. We recommend gluing the protective tape where the rubber seal of wind deflector and car's roof meets. This will prevent damage of paintwork at the point of contact.**

10. (OPTIONAL) Mark the **position** of protective tape. Lift the front of the rack and glue the tape under wind deflector rubber seal.
11. Place the external brackets in the roof slots (all the brackets should be screwed on the internal side of the rails), next, place the internal brackets and screw all parts together using **M8x25 bolts** and **M8 nuts**.



12. Pre-screw **the front brackets** using **M6 nuts**.
13. Adjust the position of the roof rack if necessary (the roof rack should be on the center of the car).
14. Tighten the bolts and nuts.
15. Place and screw **the wind deflector** using **M8x25 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 Bison Gear product!**



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