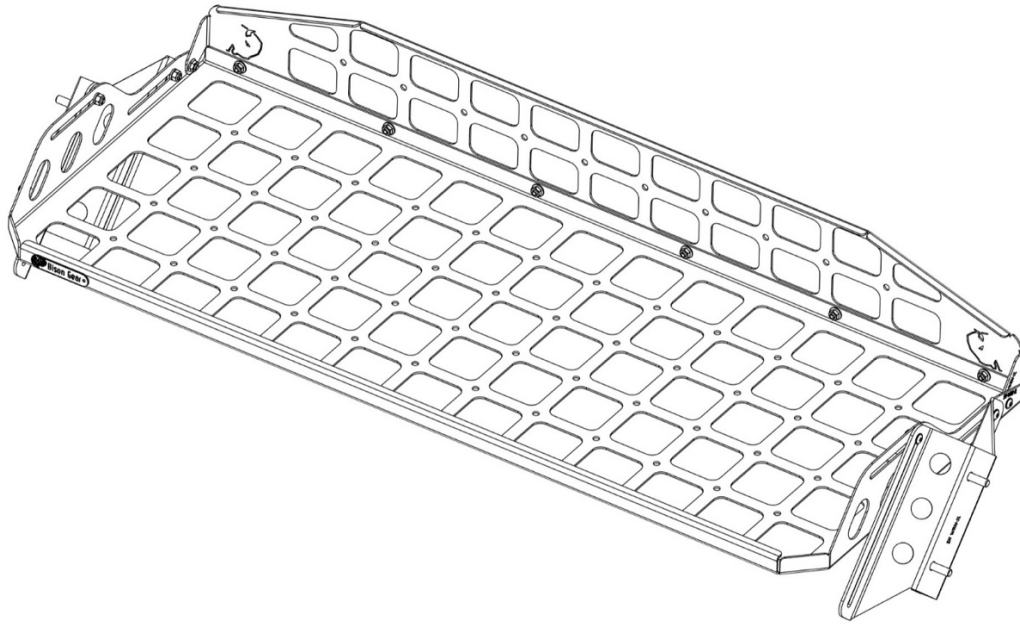




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Jeep Wrangler JL Roof Shelf Installation Guide

SH-WRN-JL



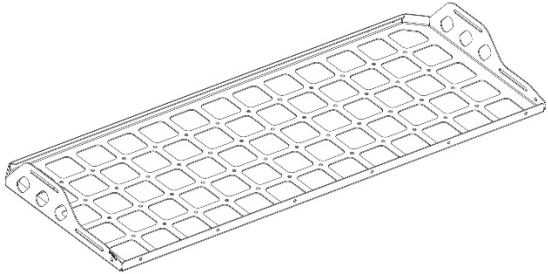
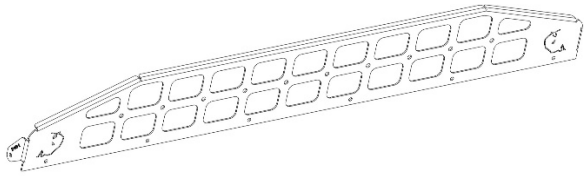
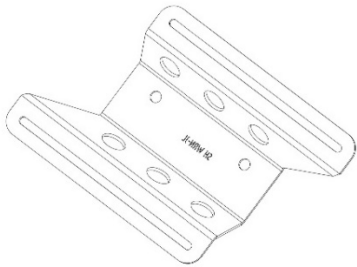
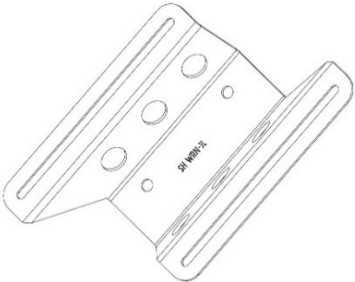
Before you start

Familiarize yourself with these instructions. **The Roof Shelf** is shipped in one package. Ensure that all listed parts and hardware are present in package. Gather the required tools. The installation will necessitate **two people**.

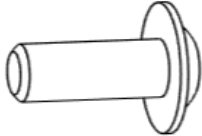
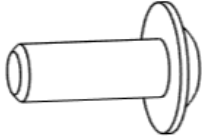




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 **Part list:**

LP	PART	QTY	IMAGE
1	SH-WRN-JL- Main Shelf	1	 A perspective view of a rectangular metal main shelf with a grid of square holes. It has a raised edge on the right side and mounting tabs on the left side.
2	SH-WRN-JL- Front panel	1	 A perspective view of a long, narrow metal front panel with a grid of square holes. It has mounting tabs on both the left and right ends.
3	SH-WRN-JL- Right Bracket	1	 A perspective view of a metal right bracket. It has a vertical flange on the left side and a horizontal flange on the right side. There are four circular holes along the vertical flange and two along the horizontal flange. The part number 'SH-WRN-JL' is visible on the horizontal flange.
4	SH-WRN-JL- Left Bracket	1	 A perspective view of a metal left bracket, which is a mirror image of the right bracket. It has a vertical flange on the right side and a horizontal flange on the left side. There are four circular holes along the vertical flange and two along the horizontal flange. The part number 'SH-WRN-JL' is visible on the horizontal flange.



5	Bolt M5x12 ISO 7380-2	8	
6	Bolt M6x16 ISO 7380-2	4	
7	Bolt M8x25 ISO 7380-2	4	
8	Flange nut M5 DIN 6923	8	
9	Nut M6 DIN 985	4	
10	Flat washer M6 DIN 125	4	

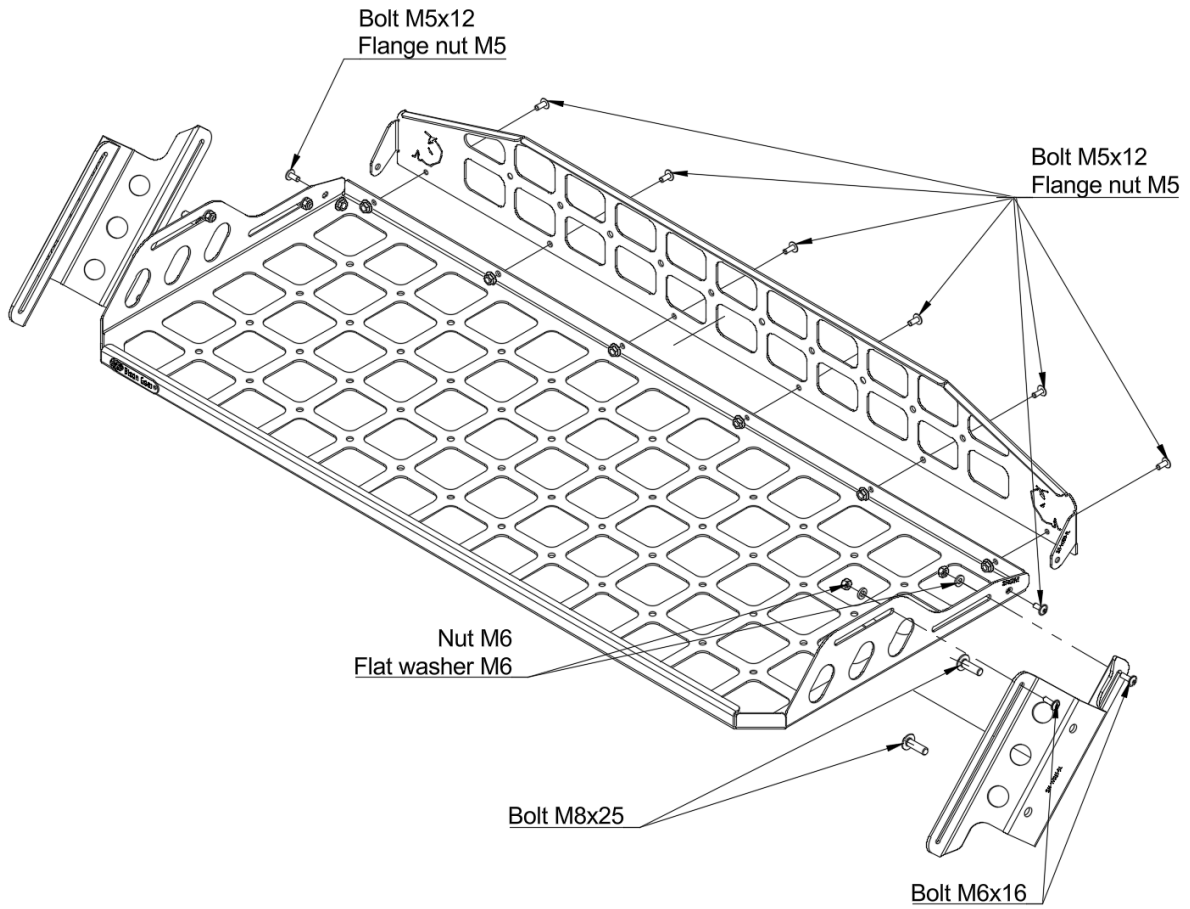
List of necessary tools¹:

- **3 mm Allen Key (Hex)**
- **4 mm Allen Key (Hex)**
- **5 mm Allen Key (Hex)**
- **8 mm wrench**
- **10 mm wrench**

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



Roof Shelf Diagram





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Installation:

Before you start to work, familiarize with the Roof Shelf Diagram on page 5. There is an exploded view that shows you how to mount the shelf. Follow the steps below to mount the product correctly:

1. Dismount **two** (one on the left and one on the right side) **factory plastic cover** placed on the safety cage (picture below).



2. Mount **right and left bracket** using **M8x25 bolts** in factory covers place.



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In the next step you must have assist of **one person** who hold the roof shelf during the installation.

3. Place the shelf **between two brackets** and fasten it using **M6x16 bolt, flat washer** and **M6 nut**.
4. Before tightening the bolts, you can change **the horizontal and vertical position** of the shelf.
5. When you choose the best position for you – **tighten the screws**.

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, check all the bolts and re-tighten them if necessary.

Have a great time with Bison Gear products!



Email: contact@bison-gear.com

Phone: +48 505 642 981