

# Assembly Instructions

# SUNRACK

## M3 | M2,5 | M2








**Thank you for purchasing your SunRack!**  
**Let's get it up on the roof!**

Please read these instructions carefully  
before beginning assembly and use!

Start by sorting all parts, screws,  
and washers by size. This will make  
the assembly process easier.

### Required Tools

-  1x Allen key size 5
-  1x Allen key size 4
-  1x Wrench size 13
-  1x Wrench size 10
-  1x Flathead screwdriver

### Assembly time

-  approx. 45 - 60 minutes



# 1. Pre-assembly - Attaching the struts

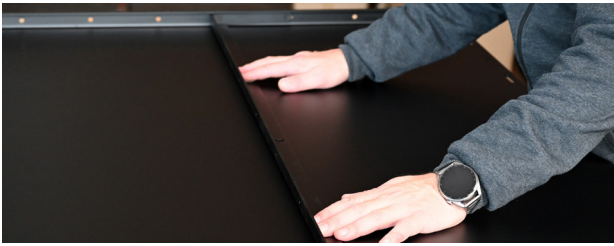


Figure 1



Figure 2



Figure 3



Figure 4



Figure 5



Figure 6

Slide the strut into the module plate until the middle hole of the strut aligns with the hole in the module plate (Figures 1 & 2).

Next, attach the strut to the edges of the module plate using an M8×16 pan head screw, a washer, a spring washer, and a screw nut. Use the size 5 Allen key and a wrench size 13 to tighten the screws (Figures 3 & 4).

Then attach the strut in the middle. Thread an M6×18 countersunk screw through the middle hole of the strut and secure it with a washer and a screw nut. Use the size 4 Allen key and a wrench size 10 for this step (Figures 5 & 6).

## 2. Inserting cage nuts



Figure 7

Use a flathead screwdriver to press the cage nuts into the six rectangular holes. Refer to figure 7 to ensure the screw nuts are positioned correctly.

## 3. Cable bushing

Thread the adapter cable through the cable bushing as shown in figure 8. Then push the grommet with the cable through the oval hole and press the edge of the grommet firmly into the opening so that the connectors are at the bottom, as shown in figure 9.



Figure 8



Figure 9

## 4. Installing wing screws



Figure 10

Insert the M8 wing screws into the support rails from above. To ensure they do not fall out, secure them with retaining rings as shown in figure 10. Then attach the solar panel to the support rails. Ensure the edge of the panel is in front of the solar module and not on top of it (Figure 11).

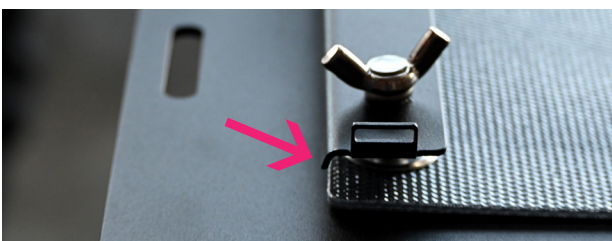


Figure 11

## 5. Fitting the plug holder

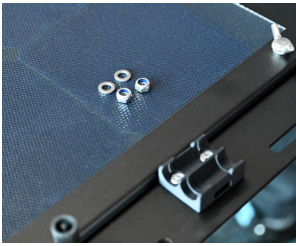


Figure 12



Figure 13

Attach the plug holder with an M6×18 screw, a washer, and a screw nut. Use a size 5 Allen key and a size 10 wrench. Follow the diagrams in figures 12 & 13. Then connect the cables as shown in figure 14 and press them into the holder as depicted in figure 15.



Figure 14



Figure 15

## 6. Fixing the cables

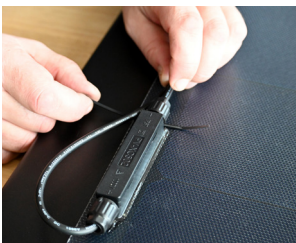


Figure 16

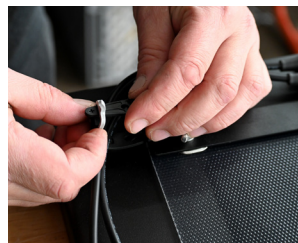


Figure 17

Fix the cables with cable ties. Look at the figure 16 to organize and fix the cables neatly. Finally, thread the Fixplus straps as shown in figures 17 & 18. Ensure the straps are tightly secured and properly threaded.

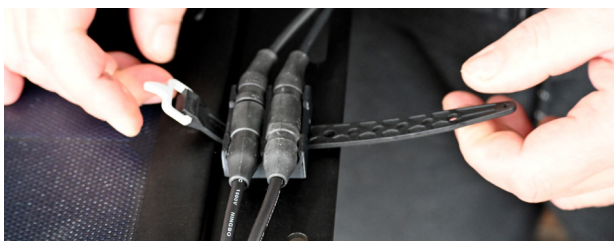


Figure 18

# 7. Fitting on vehicle roof



Figure 19

If your vehicle is already equipped with a roof rack, first remove the existing modules (Figure 19).

For a new roof rack, insert eight sliding nuts per groove. If an additional module is to be installed as shown in figure 20, add two more screws per groove. Align the sliding nuts with the holes of the SunRack.



Figure 20



Figure 21

Fix the module with M8×12 pan head screws (Figure 21).

The assembly and installation are now complete. Tighten all screws to ensure your SunRack is securely and stably fitted.

**Enjoy your SunRack and explore the world with it!**

**Best wishes,**

*Chris & Flo*



## Safety Warnings

### 1. Risk of Life Due to Improper Installation

An incorrect installation of the roof rack system can lead to it becoming loose or detaching during travel, potentially causing serious accidents and injuries. If in doubt, have the installation performed by a professional.

### 2. Risk of Injury from Heavy Objects

Ensure that the roof rack system's maximum load capacity is observed when loading. Overloading can cause deformation or breakage of the rack, leading to dangerous situations for the driver and other road users.

### 3. Hazard from Loose Fastening Elements

Check before every journey that all screws and fastening elements are securely tightened. Loose parts can result in the loss of the roof rack system while driving.

### 4. Caution at High Speeds

Driving with a mounted roof rack system can affect the vehicle's handling, particularly at high speeds, in strong winds, and during cornering. Reduce speed as necessary and drive cautiously.

### 5. Risk Due to Increased Vehicle Height

Be aware that the mounted roof rack system increases the vehicle's height. Underpasses, garages, and other low-clearance areas may pose a hazard. Always check the clearance height before entering such areas.

### 6. Risk of Falling During Installation

There is a risk of falling during the installation of the roof rack system, particularly when working at a height or on a ladder. Always use stable ladders and ensure a secure stance to prevent falls and injuries.

### 7. Slipping Hazard When Wet

In wet or damp conditions, the surface of the roof rack can become slippery, increasing the risk of falling. Proceed cautiously when working in wet weather or on a damp surface, and wear non-slip footwear.

### 8. Caution: Risk of Injury During Installation

Be mindful of sharp edges and heavy components during installation. Wear protective gloves if necessary and ensure that no parts fall on people or objects.

### 9. Hazard Due to Product Modifications

Modifications or structural changes to the roof rack system are strictly prohibited. Alterations can compromise the safety and stability of the system and will void any warranty and liability.

**Please follow all safety instructions carefully to avoid risks and hazards.**

## Important Notes

**The installation guide serves as a support for the installation of the roof rack system. All steps and instructions have been carefully prepared and reviewed to ensure error-free installation. However, we accept no liability for damages resulting from improper installation, use, or modification of the product. Please observe the following important instructions:**

### 1. Professional Installation

Installation should be carried out by a qualified person or a professional service provider. Improper installation may result in damage to the vehicle, personal injury, or damage to the load.

### 2. Regular Inspections

Regularly check the fastening elements, especially after long journeys or trips on uneven terrain. Any loose parts must be tightened immediately.

### 3. Load Limit

Pay attention to the maximum permissible load of the roof rack and the recommendations of the vehicle manufacturer. Overloading may cause damage to the vehicle and the roof rack system.

### 4. Modifications to the Product

Any modification or alteration to the roof rack system is prohibited and may impair the functionality and safety of the product. In such cases, any warranty or liability from the manufacturer will be void.

### 5. Disclaimer

The use of the roof rack system is at your own risk. The manufacturer and distributor accept no responsibility for damages or injuries resulting from improper installation, misuse, or failure to comply with safety instructions.

**By installing and using this product, you accept the above terms and conditions.**