

Mini Hatch installation instructions

Installation instructions of the Mini Heki rooflight

Before installing the Mini Heki rooflight, please read carefully the installation instructions.

1. Prerequisite for a correct installation of the Mini Heki rooflight is a flat inner and outer surface of the roof.
(the Mini Heki rooflight cannot be installed on a vertical surface)
2. The area where the rooflight is to be installed has to be selected in such a way, that the function of adjacent components, cables, fitted cupboards in the vehicle interior, roof railings or other reinforcing components is not impaired in any way. (follow the guidelines of the vehicle manufacturer)
3. The installation is possible only with the hinged side in front in the direction of travel.
4. To avoid damage to the roof wall, the cut-out must be sturdy (for example reinforced with wooden or tubular frames - not included in the package)
5. The Mini Heki rooflight is ideal for a roof thickness between 25 and 60 mm.
6. Check the roof thickness of your vehicle. A mounting frame, which has to be trimmed according to the roof thickness, is included in the package together with 2 sets of screws for a roof thickness of 25 up to 42mm or 43 to 60mm (see step 7.3.3)

7 Installation steps

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|-----|--------------------------------|
| 7.1 | Determine location of cut-out |
| 7.2 | Execute the cut-out |
| 7.3 | Reinforce and check cut-out |
| 7.4 | Install Mini Heki outer frame |
| 7.5 | Install Mini Heki inner frame. |

7.1 Determine the location of the cut-out

7.1.1 Determine the location of the Mini Heki on the vehicle taking into account the above-mentioned conditions.

Mark the cut-out as shown in the picture.

The installed Mini Heki rooflight should have a clearance of around 1-2 mm all around.

7.2 Execute the cut-out

7.2.1 In order to avoid scratches on the roof surface, the perimeter should be covered with sticky tape before the cutting or mill-cutting begins

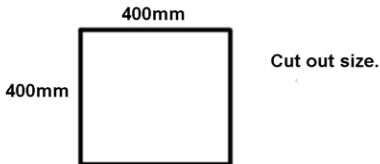
Execute the cut-out using a jig saw or a routing machine.

7.3 Reinforce and check the cut-out, adapt the mounting frame.

7.3.1 Remove insulating material between the roof's outer surface and the inner lining for a depth of about 10-30 mm all around the perimeter. (Depth depends on the reinforcing frames to be introduced in the next step 7.3.2.)

7.3.2 Insert reinforcing frames (metal, plastic, wood, etc.)

Tip: This "reinforcing frame" is needed in order to avoid the insulating material being compressed permanently.



7.3.3 Adapt the mounting frame to the roof thickness by trimming the 12 tubes.
The dimensions are shown in the table below.

Mounting frame 25-42mm			Mounting frame 43-60mm		
Roof thickness	Tube height A in mm		Roof thickness	Tube height A in mm	
25-26	0	length	43-44	18	length
27-28	2	of	45-46	20	of
29-30	4	screws	47-48	22	screws
31-32	6	25mm	49-50	24	40mm
33-34	8		51-52	26	
35-36	10	length	53-54	28	length
37-38	12	of	55-56	30	of
39-40	14	screws	57-58	32	screws
41-42	16	32mm	59-60	34	52mm

7.3.4 To check the cut-out, place the outer frame on top of it to check the exact position before applying the sealant.

(A clearance of 1-2 mm all around the perimeter between the cut-out and the outer frame is necessary.)

7.4 Install the outer frame

9.4.1 Clean the roof surface where the sealant is to be applied
(Always follow the instructions of the sealant supplier.)

7.4.2 Apply a butyl based permanently elastic sealant (available in cartridges or as a band) uniformly all around. Place the outer frame in the cut-out with the hinge forward in the direction of travel.
(Always follow the instructions of the sealant supplier!)

7.4.3 Install the suitably trimmed (according to table 7.3.3) mounting frame with the screws which go with it.

It is sufficient to tighten the screws gently. (torque about 1,5 Nm)

Check visually whether the sealant lies all around the roof surface.

(When required, tighten the mounting frame uniformly after about 10-30 minutes)

7.5 Install the Mini Heki inner frame

7.5.1 Place the inner frame in the groove of the outer frame and push in position.
(Pay attention to the adjacent components : the push button and the end bars.)

7.5.2 Check whether the blinds and fly-nets function properly!

8. Safety instructions

The manufacturer accepts no liability for injuries or damage caused by an inappropriate use of the Mini Heki rooflight.

No liability is assumed for incorrect installation!

The Mini Heki rooflight is not to be installed in a vertical surface!

Registration in vehicle's log book should be carried out when the vehicle's height and/or the total weight is changed.

Operating Instructions of the Mini Heki Rooflight

Opening the dome:

Intermediate position of the dome:

By pushing the bar into the marked rest positions, two extra opening angles, apart from the one in which the dome is fully opened, can be chosen. The intermediate position can be fixed with a slide.

Closing the dome
(Drive and rest position)

Opening/closing the blind and fly-net:

Closing

Pull the end rod (without the catch / blind) from the recessed part and engage it with the opposite end rod with the catch.

Opening

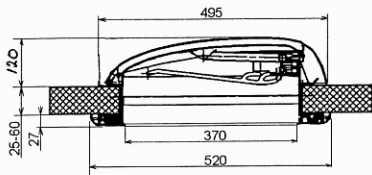
Push the united end rods until the blind is fully extended. Press the catch and guide the blind with the other hand back to its original position in the frame. (do not let the blind recoil)

Safety precautions:

- repairs should be carried out only by trained personnel
- inform an approved dealer in case of defects and malfunctions
- before starting off, check the rooflight for damage in the dome (tension cracks) and the opening mechanism which could arise owing to, for example, branches and other natural causes.
- do not step on the dome
- close the rooflight before starting off (check whether it is locked)
- do not leave the vehicle with the rooflight open (danger of burglary)
- do not open in strong wind or rain
- before opening, remove snow, ice, dirt, etc. from the dome
- malfunctions are to be repaired by an approved dealer at once
- do not use caustic detergents (danger of tension cracks in the dome)
- before setting off close the dome, check the locking mechanism and open the blinds

Care instructions:

- clean the dome with the **Seitz acrylic cleaner**
- **opaque spots and light scratches on the dome can be removed with the Seitz Acrylic Polish and the Seitz Special Polishing cloth:**
- **Use talcum powder regularly (4 times yearly) to care for the rubber seals supplied with versions without permanent ventilation**
- clean the blinds only with **water and mild soap suds**



Öffnungswinkel / opening angle = ca. 50°
Gewicht / weight approx = 3,3 kg

