

No. in Fig. 1 on page 1	Description	Quantity
2	Inner frame	1
3	Fastening screw Ø 4	11
	Fastening screw Ø 3.5	22
4	Mounting supports	11
–	Emergency crank set (electric version only)	1

6 Accessories

Description	Ref. no.
Spoiler, 800 mm	9104100236

Mounting set

Roof thickness W (Fig. 4 on page 1)	Ref. no.
25 ... 29 mm	9104100261
30 ... 34 mm (included in the scope of delivery)	9104100262
35 ... 42 mm	9104100263
43 ... 52 mm	9104100264
53 ... 60 mm	9104100265

7 Intended use

The roof light is intended for installation in motor homes and caravans to allow daylight into the living space and enable natural airflow and ventilation.

8 Installation



The mechanical installation must be executed by a qualified person who is familiar with the construction and operation of the equipment and the hazards involved.

If you do not have enough technical knowledge for installing the components in vehicles, you should have a specialist install the roof window in your vehicle.

Electric version only:



The electrical power supply must be connected by a qualified electrician who has demonstrated skill and knowledge related to the construction and operation of electrical equipment and installations and has received safety training to identify and avoid the hazards involved.

To ensure safety and compliance, it is recommended that the electrical installation complies with local wiring regulations such as AS/NZS 3000 & AS/NZS 3001.2 for Australia and New Zealand.

8.1 Before Installation

- > Check the roof thickness of your vehicle. Consult the vehicle manufacturer in case of questions.
- > Check whether the roof hole needs reinforcing (see chapter Using reinforcing rails on page 6).
- > When choosing the installation location, observe the following:
 - Ensure not to damage adjoining components (roof rack or attachment and reinforcing parts), cables and cabinets in the vehicle interior when sawing a hole.
 - Ensure that there is enough space for installing the inner and outer frames.
 - Only fit the roof light on flat and parallel interior and exterior roof areas with a maximum inclination of 15 ° to the horizontal.
 - You may use an existing roof hole provided the roof light fits into it.

Electric version only:

- > Ensure that a power supply cable is available in the vehicle for the device's electrical actuation.
- > Ensure that the power supply cable is fused with 10 A (slow-blow).

8.2 Cutting out the hole

- > Follow the instructions shown in Fig. **2** on page 1.

8.3 Using reinforcing rails

1. Remove the foam according to the width of the reinforcing rails (not in scope of delivery) (Fig. **3** on page 1, **A**).
2. Fit the reinforcing rails (Fig. **3** on page 1, **B**).



NOTE If you are using wooden rails as reinforcement observe the additional instructions when installing the roof light (chapter Mounting the roof light on page 6, step 9 on page 7).

8.4 Mounting the roof light



WARNING! Risk of injury

Electric version only: Before commencing disconnect the vehicle power supply and ensure that it cannot be restarted.



NOTICE! Damage hazard

Electric version only: Ensure that no cables are damaged during installation.



NOTE

The roof light is suitable for roof thicknesses from 25 ... 60 mm.

The scope of delivery includes a mounting set for roof thicknesses of 30 ... 34 mm. For roof thicknesses of 25 ... 30 mm or 35 ... 60 mm, suitable mounting sets are available as accessories (see chapter Accessories on page 5).

1. Measure the roof thickness *W* (Fig. **4** on page 1) and choose a suitable mounting set.
2. **Electric version only:** Lay the power supply line in the middle on the long side, where the hinges should go.
3. Check that the roof light has sufficient space around it (approx. 1 ... 2 mm) in the wall section (Fig. **5** on page 1).
4. Clean the roof opening in the mounting area (Fig. **6** on page 1).

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- a) Disassemble the ventilation grilles.
- b) Pre-drill the fastening holes.
- c) Tighten 2 screws on the short sides and/or 4 screws on the long sides.



NOTE The necessary screws are not included in the scope of delivery.

- d) Clip on the ventilation grilles.



NOTE Ensure that the ventilation grilles click in.

13. Remove the protective film from both sides of the acrylic glass.



NOTE If the protective film is exposed to sunlight for too long, it cannot be taken off without leaving a residue.

14. Check the functions of the window:

- a) Open the roof light.
 - **Lever version:** see chapter Opening the roof light on page 8
 - **Crank version:** see chapter Opening the roof light on page 9
 - **Electric version:** see chapter Opening the roof light on page 9
- b) Adjust the insect and the black roller blind.

15. If necessary, enter the new vehicle height and weight in the vehicle documents.

9 Operation

9.1 Using the lever version



NOTE The figure numbering refers to the leaflet for the **lever version** ("Midi Heki FL (Lever)" leaflet).

Opening the roof light

Fig. 13 on page 2

- > Press the release button (2) and open the roof hood with the handle (1) at the same time.
 - a) Slide the handle into **position I** to open the roof light **completely**.
 - b) Slide the handle into **position II** to open the roof light to the **intermediate position**.
 - c) Slide the handle into **position III** to open the roof light to the **continuous ventilation position**. Ensure that it clicks into the locking position at the back.

Closing the roof light

Fig. 13 on page 2

1. Slide the handle (1) into **position IV**.
2. Guide the handle with slight pressure to the left and right via the catches (4) so that the roof hood is locked and the handle is on the release button (2).

Locking the roof light

Fig. 13 on page 2

- > Push the lock (4) left and then down and to the right to lock the roof light in intermediate position or continuous ventilation.

9.2 Using the crank version



NOTE The figure numbering refers to the leaflet for the **crank version** ("Midi Heki FL (Crank)" leaflet).

Opening the roof light

Fig. 12 on page 2

- > Turn the hand crank clockwise to open the roof light.



NOTE Turn the hand crank until you feel its resistance. The opening angle of the roof light is approx. 70°.

Closing the roof light

Fig. 13 on page 2

1. Turn the hand crank anti-clockwise to close the roof light.



NOTE Turn the hand crank until you feel its resistance.

2. Without using force try to push up the glass dome by hand to check whether the roof light is locked properly.

9.3 Using the electric version



NOTE The figure numbering refers to the leaflet for the **electric version** ("Midi Heki FL (Electric)" leaflet).

Opening the roof light

Fig. 13 on page 2

- > Turn the rotary switch (1) to the ↗ direction and hold it until the desired position is reached.



NOTE

- The motor switches off when the maximum opening position is reached or when the roof light is completely closed.
- The roof light opens at an angle of approx. 70°.

Closing the roof light

Fig. 13 on page 2

1. Turn the rotary switch (1) to the ⇐ direction and hold it until the motor switches off.
2. Without using force try to push up the glass dome by hand to check whether the roof light is locked properly.

Closing the roof light manually (emergency operation)

Fig. 16 on page 2

If the roof light cannot be closed using the rotary switch (e.g. in the event of a power failure), the roof light can be closed manually using the emergency crank set (scope of delivery).

1. Disconnect the power supply from the vehicle to the roof light.
2. Pull the inner frame (1) off the mounting supports.
3. Insert the emergency crank in the hexagon socket (2) to unlock the motor. Turn the crank anti-clockwise.
4. Insert the emergency crank in the hexagon socket (3) to close the roof light. Turn the crank clockwise.
5. Without using force try to push up the glass dome by hand to check whether the roof light is locked properly.
6. Insert the emergency crank in the hexagon socket (2) to lock the motor. Turn the crank clockwise.
7. Remove the emergency crank.
8. Press the inner frame into the groove on the mounting supports.
9. Reconnect the power supply from the vehicle to the roof light.

9.4 Opening and closing the roller blind



NOTICE! Damage hazard

In strong sunlight, only close the blackout roller blind by a maximum of two thirds to prevent damage caused by heat build-up between the blind and the window.



NOTE The roller blind and the flyscreen can be adjusted separately.

- Lever version: "Midi Heki FL (Lever)" leaflet, Fig. 14 on page 2, 1
- Crank version: "Midi Heki FL (Crank)" leaflet, Fig. 13 on page 2, 1
- Electric version: "Midi Heki FL (Electric)" leaflet, Fig. 15 on page 2, 1
- > Hold the recessed handle of each roller blind and pull it into the required position.

10 Cleaning and maintenance



NOTICE! Damage hazard

- > Do not use any sharp or hard objects for cleaning, as these can damage the acrylic glass.
- > Do not use cleaning agents containing alcohol.
- > Only use cleaning agents approved by the manufacturer (documents.dometic.com).



NOTE The roof window clouds over in bright sunshine. It becomes clear again as soon as it cools down.

- > Regularly clean the roof window and the roller blind with mild soap and water.
- > Only for models without ventilation: Put talcum powder on the rubber seal.

10.1 Replacing the fuse (electric version only)

1. Disconnect the power supply from the vehicle to the roof light.

2. Pull the inner frame off the mounting supports.



NOTE The cable with the fuse sits in the inner frame.

3. Replace the fuse ("Midi Heki FL (Electric)" leaflet, Fig. **10** on page 1, **5**) (blade fuse 10 A).
4. Press the inner frame into the groove on the mounting supports.
5. Reconnect the power supply from the vehicle to the roof light.

11 Troubleshooting

11.1 All versions

Problem	Possible cause	Suggested remedy
The roof light does not close completely.	Dirt between the glass and the frame	<ul style="list-style-type: none"> > Clean the window. > Remove any leaves and twigs between the glass and the frame.
The flyscreen or roller blind cannot be moved.	Dirt on the side guides	Clean the side guides.



NOTE If you are unable to rectify the fault, contact an authorized workshop.

11.2 Electric version

Problem	Possible cause	Suggested remedy
The roof light does not open or close.	The vehicle's power supply to the roof light is interrupted.	Check the power supply.
	The fuse is defective.	Replace the fuse (see chapter Replacing the fuse (electric version only) on page 10).
	The rotary switch is defective. The electric motor is defective.	Contact a specialist workshop.



NOTE If you are unable to rectify the fault, contact an authorized workshop.

12 Disposal



NOTE Place the packaging material in the appropriate recycling waste bins, wherever possible. Consult a local recycling center or specialist dealer for details about how to dispose of the product in accordance with applicable national and local disposal regulations.

13 Warranty

For repair and warranty processing, please include the following documents when you send in the device: