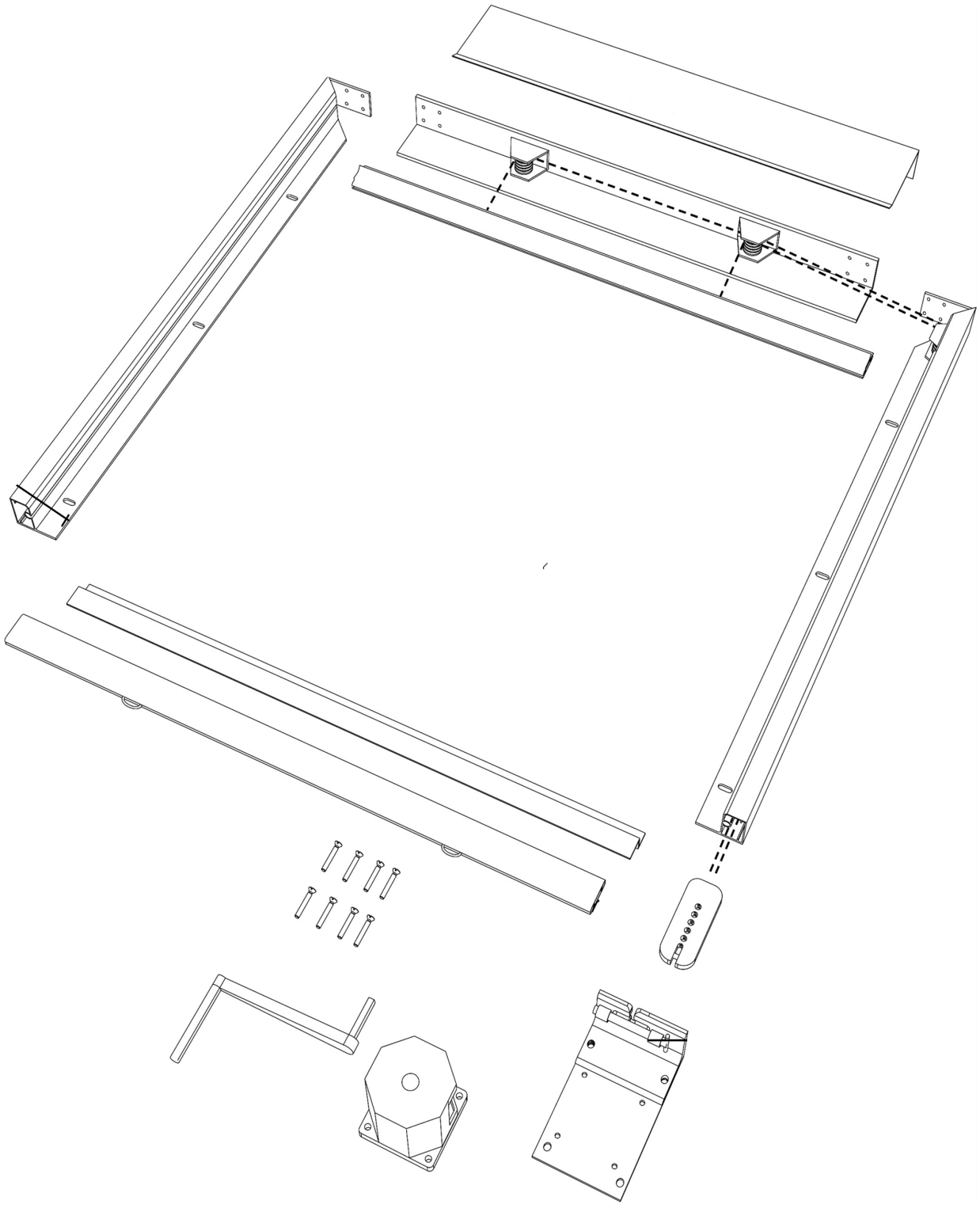
EPS
SYSTEMS

# Assembly recommendation EPS.LIFT



## General information

Before mounting, check the general condition and in particular the load-bearing capacity of the mounting surface. Delivery does not include fixing materials (mounting screws and dowels, etc.).

Please ensure that the installation is carried out in accordance with the general trade association regulations for accident prevention and is only carried out by qualified specialist companies with relevant installation experience. The design of the banner lift system is based on direct installation on the façade and the resulting fully enclosed frame. If this is not the case, care must be taken to ensure that the frame is closed all round. Failure to do so releases the manufacturer from his liability obligation. Suitable protective gloves should be worn when unpacking and installing the banner lift system. There is a risk of injury from the profile edges.

Modifications such as attachments or conversions that deviate from our installation instructions must not be carried out. Special designs require special agreements.

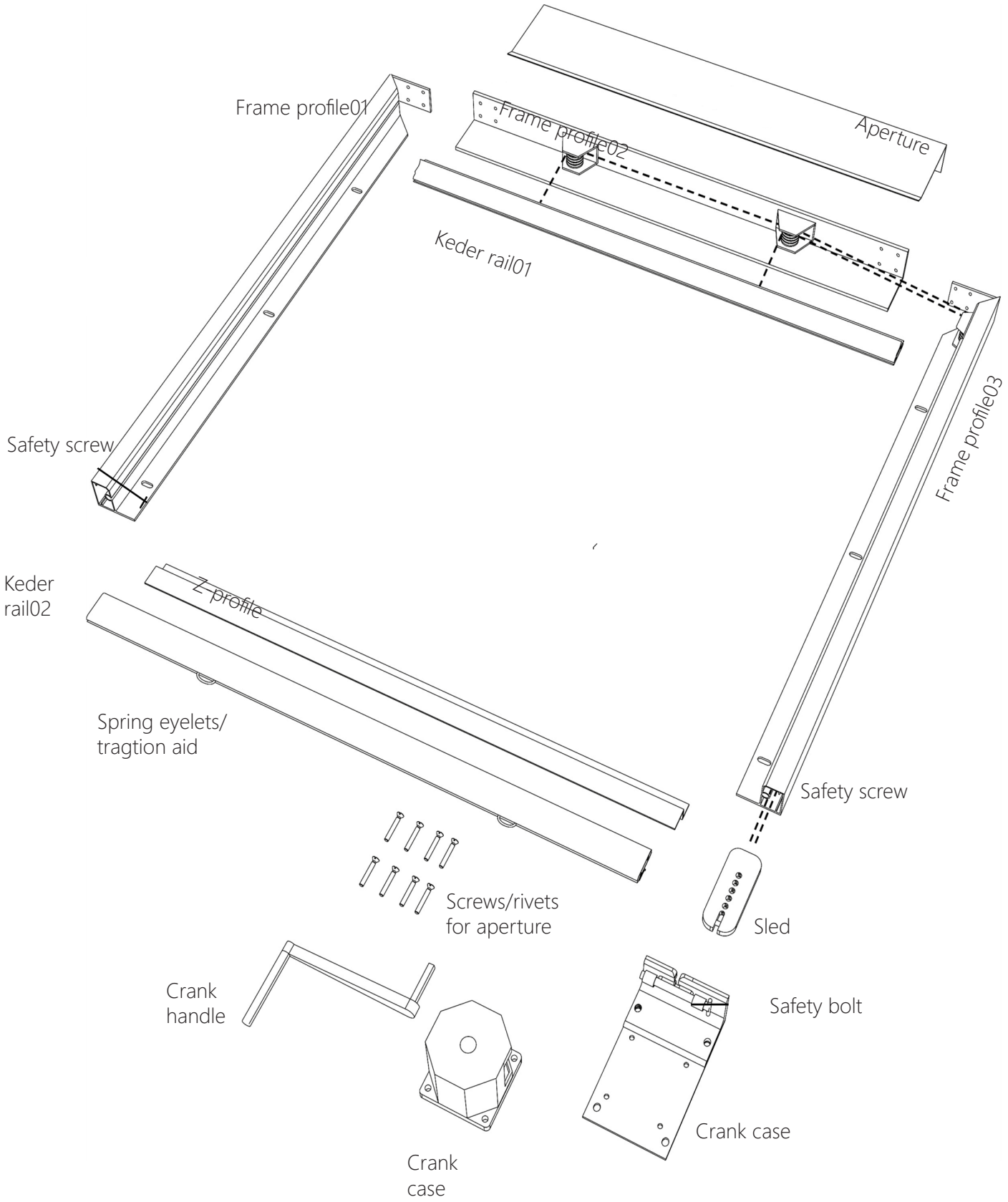
After installation, suitable sealing measures must be taken to ensure that the façade construction is not damaged in the long term by penetrating moisture (rainwater). Stainless steel fasteners must be used in marine climates and industrial atmospheres.

Parts list

| Article | Description | Amount | Remark |
|---|---|---|---|
| *Frame profile01* | Frame profile without cable guide*[1] with pre-assembled corner connection = M6 allen screw | 1x | Hole size 24x12,5 mm for wall mounting M12 |
| *Frame profile02* | Upper frame/angle profile with pre-assembled deflection roller. The number of deflection rollers depends on the width of the system. | 1x | Hole size 24x12,5 mm for wall mounting M12 |
| *Frame profile03* | Frame profile with cable guide*[1] with pre-assembled deflection rollers and corner connection = M6 allen screw | 1x | Hole size 24x12,5 mm for wall mounting M12 |
| *Keder rail01* | Upper keder rail with mounted stainless steel cables (number of fixing points depends on the number of deflection rollers on the upper frame profile). | | For keder size ø 10 mm |
| *Keder rail02* | Lower keder rail/end rail with spring eyelets. | 1x | For keder size ø 10 mm |
| *Aperture* | Cover with pilot hole for riveting to the upper frame profile/angle profile. | 1x | Mounted at the end, rivets included |
| *Z-profile* | Z-profile for fastening to the mounting surface. Serves as a stop for the lower keder rail when cranking up the banner. | 1x | Fixing holes are pre-drilled, M6 |
| *Crank case* | Crankcase/crank gear with coiled rope according to the height and crank plate distance dimension of the banner system. | 1x | 4 mm stainless steel |
| *Crank handle* | | 1x | Removeable |
| *Crank plate* | | 1x | Stainless steel |
| *Safety bolt* | Lockable | 1x | Stainless steel |
| *Safety screw* | Safety screws on frame profiles 01 and 03 to prevent keder rails 01 and 02 from falling down. | 2x | Screw |
| *Screws/Rivets* | Screws for fixing the side frame profiles to the upper frame profile, rivets for fixing the cover (number corresponding to the frame width). | Nach Anzahl der vorbebohrten Löcher | Stainless steel |
| *Sled* | Slide with holes and clamped tension cables. Serves to secure the banner to the crank plate with the aid of the securing bolt. Fixes the tension cables. | 1x | Stainless steel |

**[1] For a system with crank on the right. For the system with crank on the left, the rope-guiding frame profiles change.*
*System size = banner size*

# 1 Aufbau


Frame profile01
Frame profile02
Aperture
Keder rail01
Safety screw
Frame profile03
Keder rail02
Z-profile
Spring eyelets/ tragtion aid
Safety screw
Screws/rivets for aperture
Sled
Crank handle
Safety bolt
Crank case
Crank case

## 2 Assembly dimensions

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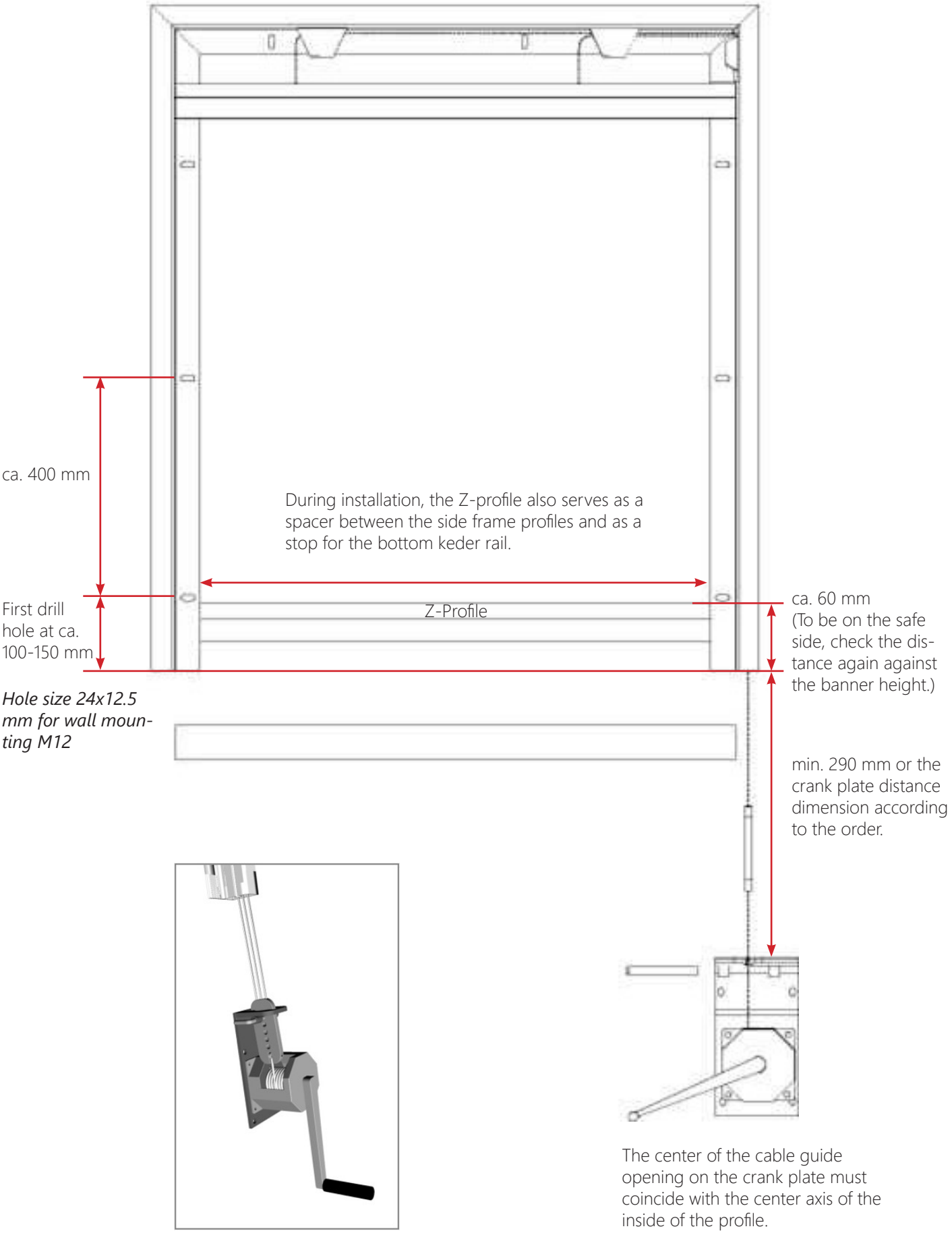
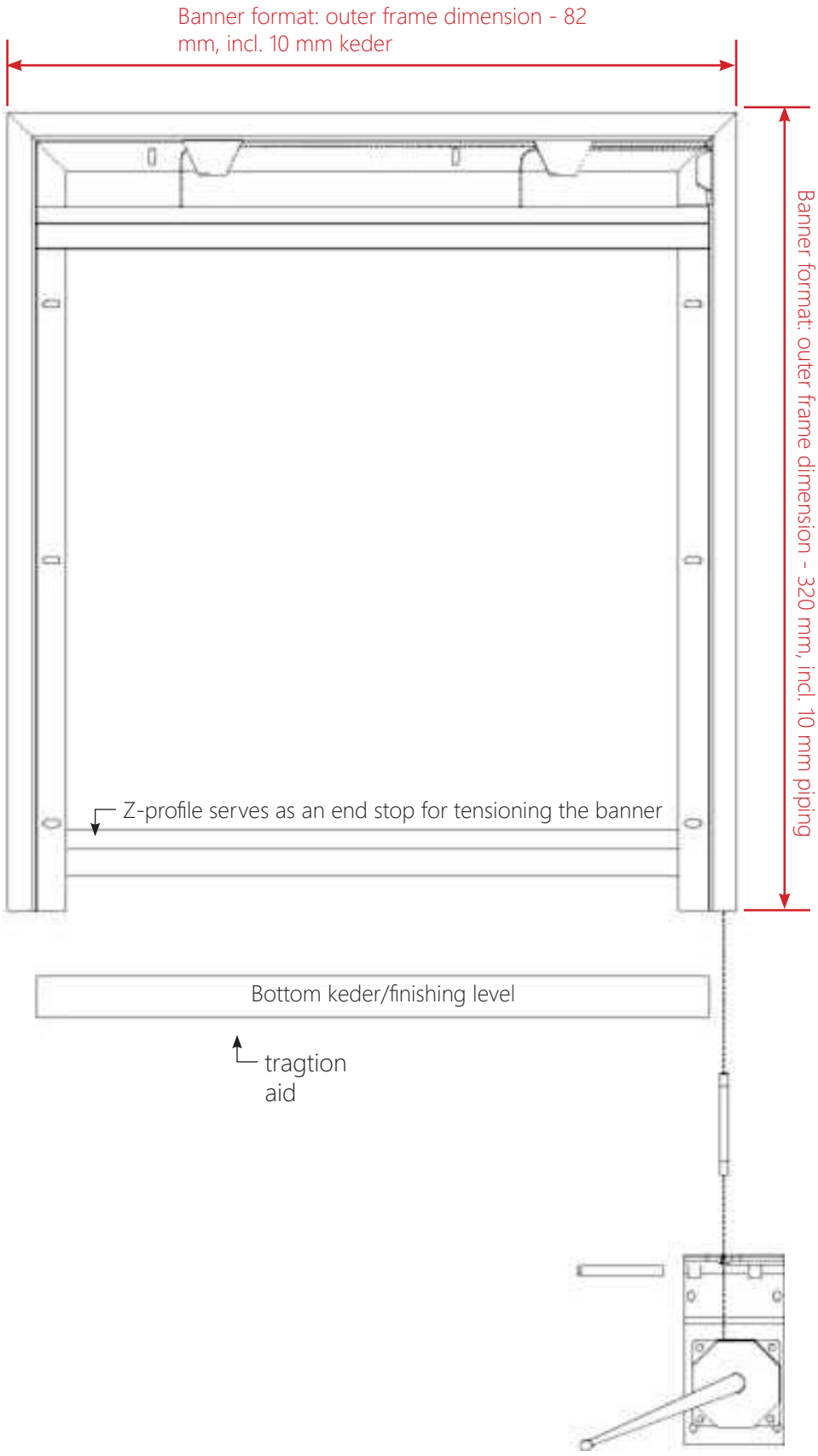


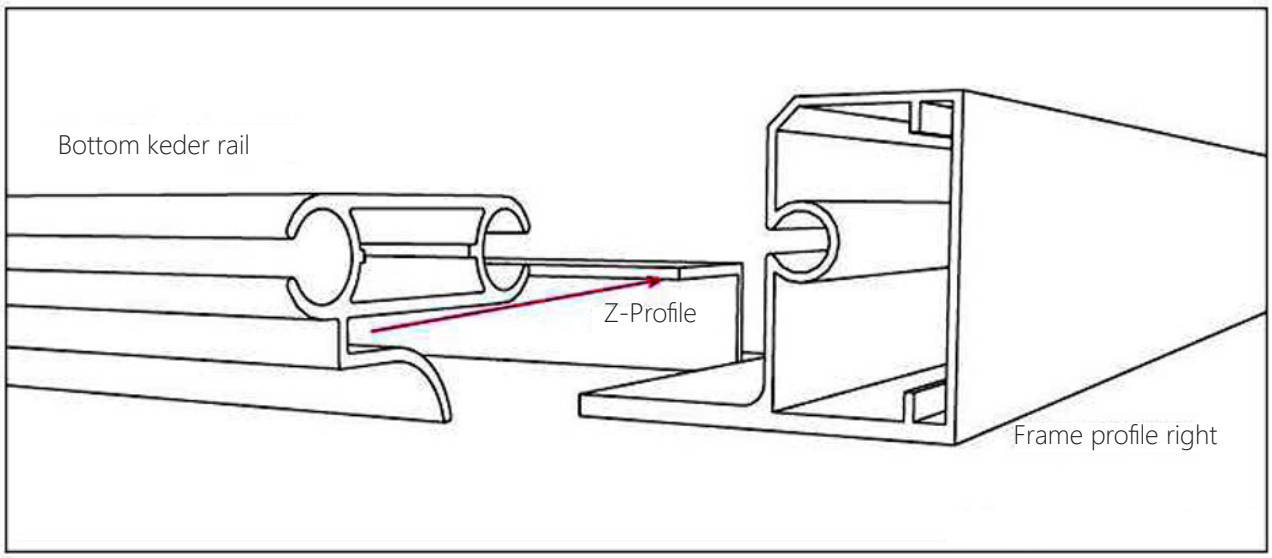

*Hole size 24x12.5 mm for wall mounting M12*



The center of the cable guide opening on the crank plate must coincide with the center axis of the inside of the profile.

## 2 Banner dimensions






Bottom edge of the system
The lower keder rail hooks into the Z-profile. This tightens and simultaneously fixes the banner by gently tensioning it with the crank.

Notes on operating the banner lift system
1) The banner lift system should always be operated carefully and cautiously. Rough force on the crankcase and thus on the ropes can cause malfunctions or damage.

2) When raising the banner, the pull rope should be guided by hand so that the rope is evenly distributed over the crankcase and there is no skipping, twisting or tangling in the crankcase.

3) Spraying the piping with silicone spray can make operation easier. If the banner becomes jammed, try to loosen it by hitting the surface with the flat of your hand or turn the banner back down and reinsert it. If necessary, use the attached fender eyelets as a pulling aid. If the banner does not come loose, please do not apply any further force and check the banner for damage or for the correct size and assembly.

4) Please refer to the operating instructions for maintenance of the crankcase.

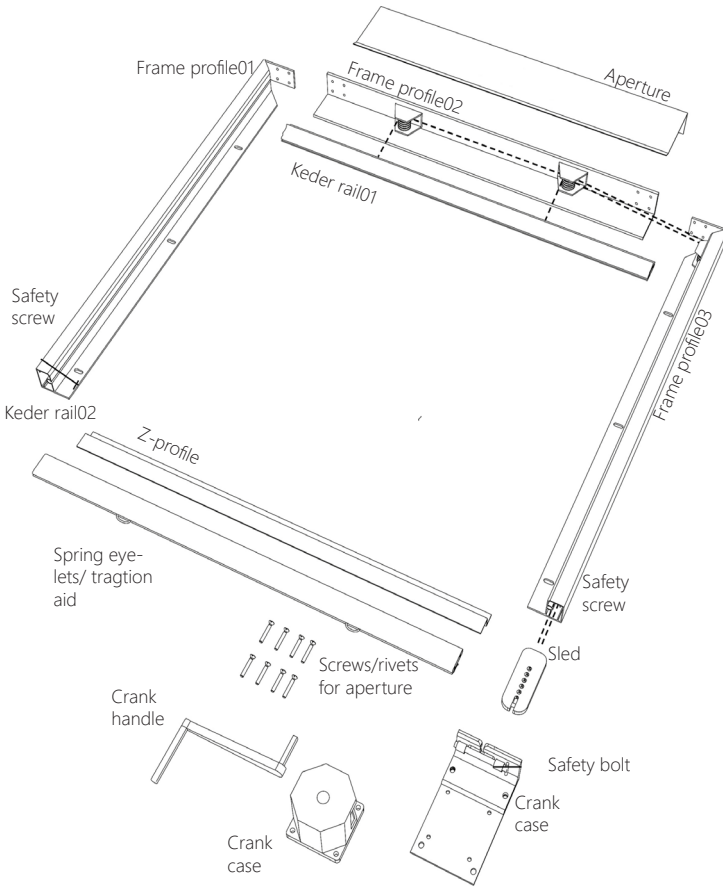
ATTENTION!
If you do not pull a banner into the change system, the upper keder rail must be cranked up to the stop. A rope should be attached beforehand to guide the keder rail back down, as the keder rail will not fall down on its own without a banner attached. In this case, the lower keder rail must be stored separately.
Always use the safety screw!
The banner must be removed at wind force 8.
Please ensure that no hands, fingers or items of clothing are trapped when raising the banner.

When unpacking, pay attention to the position of the rope-guiding profiles, as the parts are already connected by the rope guide. Avoid twisting the frame profiles and ropes at all costs, as this can lead to malfunctions during subsequent use.

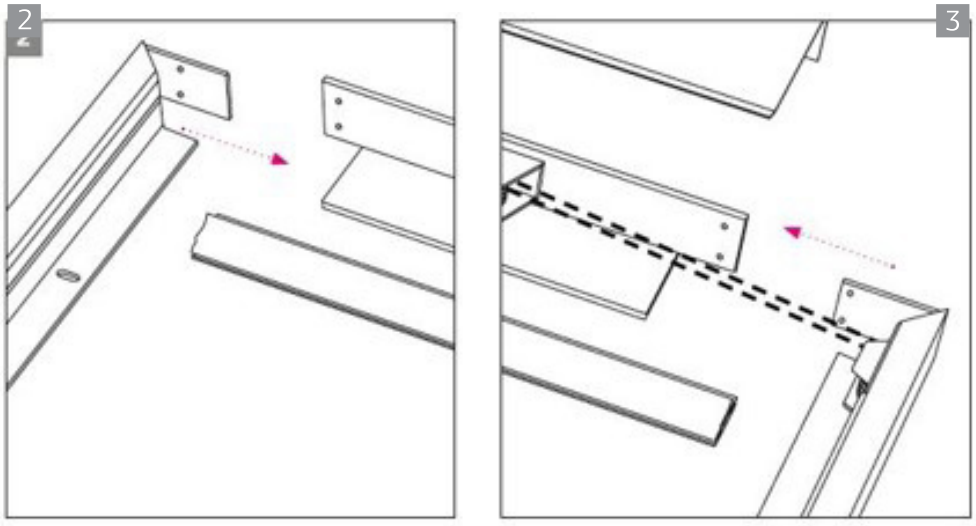
Lay out all parts on a suitable surface as shown in the illustration and check that the frame system is complete. Make sure that the parts are not scratched. If necessary, place a tarpaulin underneath.

First fix the upper frame profile in place. Any unevenness on the façade surface must be evened out so that the frame system lies flat.
Ensure that the upper frame profile is aligned horizontally.

The cable-guided frame profile is now fixed in place using the corner connectors (see Fig. 2+3). The non-rope-guiding frame profile is then fixed in place. Ensure that it is aligned vertically.
ler block, the deflection rollers and the first tension roller are not twisted.




The frame is now fixed with the top, left and right frame profiles.




Ensure that the ropes between the pulley block, the deflection pulleys and the first tension pulley are not twisted.

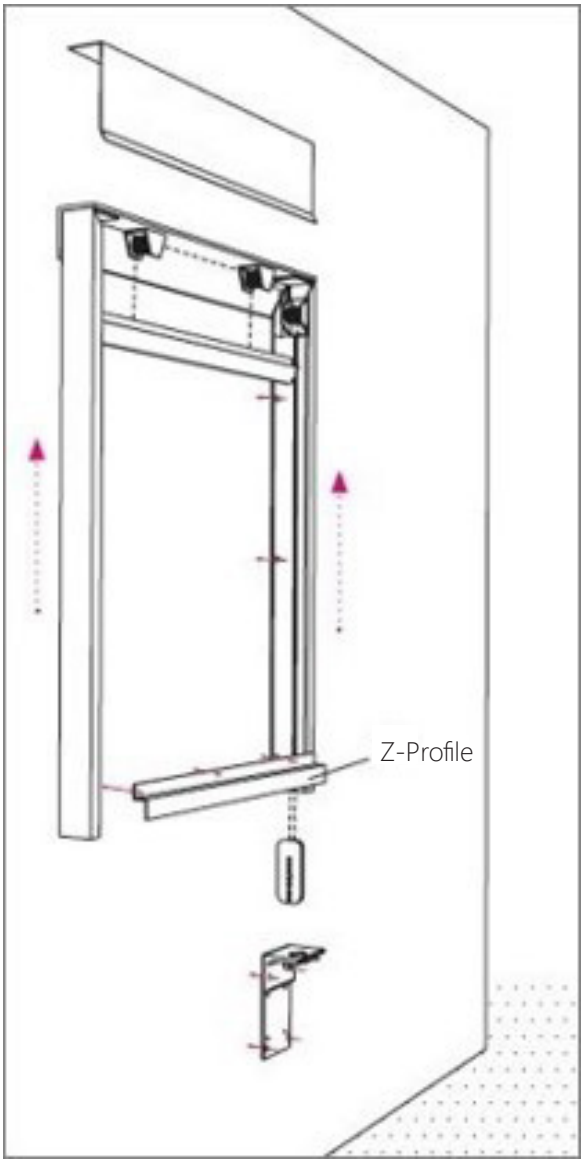
The carriage with the rope ends is mounted at the lower end of the rope-guiding frame profile. Ensure that the ropes do not twist. A liquid threadlocker must be used to secure the ropes to the carriage. If the ropes need to be readjusted, they must be replaced.

Attach the crank plate according to the dimensions (Fig. page 5).

Now mount the crankcase on the crank plate and connect the rope to the lower end of the rope slide.

Mounting the Z-profile.
Any unevenness on the façade surface must be evened out. Ensure horizontal alignment. Please refer to the illustration under point 2 "Installation dimensions" for the position of the Z-profile. It also serves as a spacer between the side profile frames. It is best to adjust it
with the banner.

Fitting the cover
Before fitting the cover, a test run should be carried out with the banner.
Now fit the cover using the rivets/screws supplied.



## 5 Banner change

Insert the upper keder of your banner into the upper keder rail of the banner lifter. The side keder must be inserted into the keder groove of the frame profiles on the left and right. For better running, we recommend spraying the keder or keder guide with silicone spray.

Then pull the banner upwards using the crank unit. Please be careful not to tilt the banner or use banners that are too narrow when pulling it up.
Please ensure that no hands, fingers or clothing items get caught when pulling the banner up.

Secure the carriage with lockable safety bolts. The crank housing should be removed again. Now mount the cover using the rivets/screws provided.