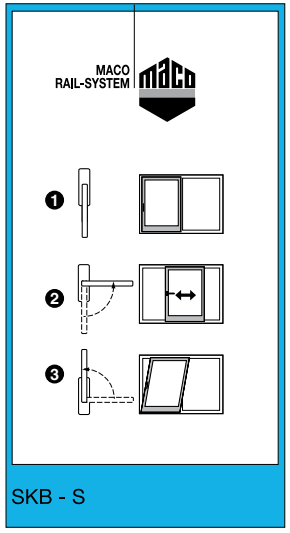
Product liability advice

- Your windows and doors have been equipped with a high-quality tilt and slide fittings. Their operation is straightforward and trouble-free; nevertheless you should read these instructions carefully and adhere to the operation advice.
  In your own interest; please read the safety and maintenance instructions!
- Keep these operation and maintenance instructions safe in case needed and also inform other users of the contents of these instructions.
- Check as to whether an operation sticker has been applied to the window or if one is necessary.
- In order to ensure that your windows are operational for many years to come, please adhere to the care and maintenance instructions!

Operation

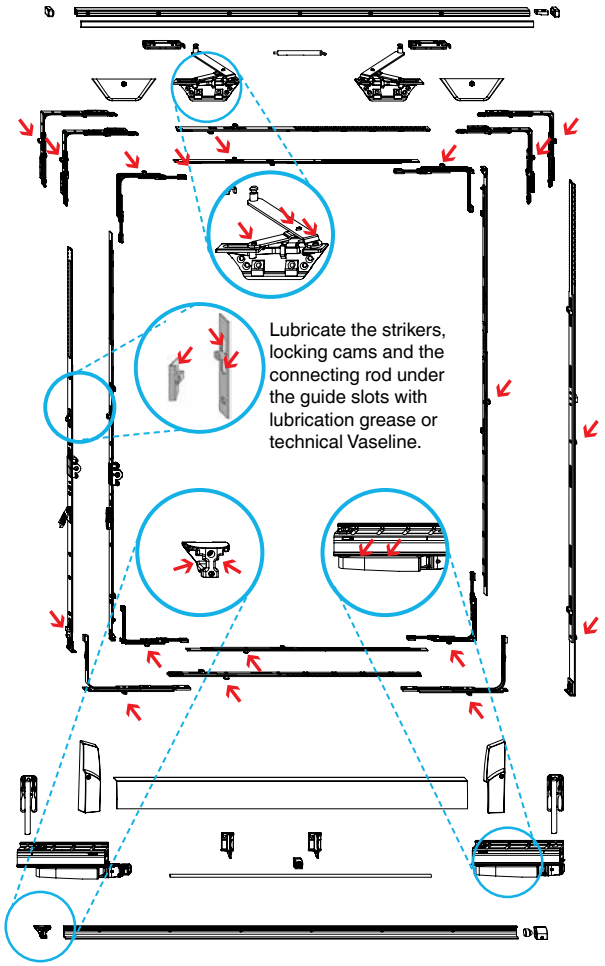
❶ Close
❷ Tilt
❸ Open/slide



Maintenance

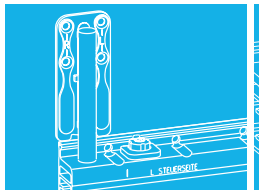
To maintain the functionality of tilt and slide fittings (SKB) for windows and french door sashes, the following maintenance work must be performed annually:

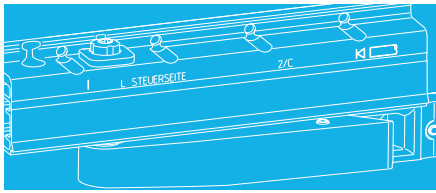
- Safety-relevant fittings must be checked for wear regularly.
- Lubricate all movable parts and locking points of the tilt and slide fittings.
- Use only those types of cleaning and maintenance products that do not affect the corrosion protection of the fittings components!



MACO RAIL-SYSTEMS

SLIDING FITTINGS





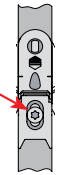
Operation and maintenance instructions
Tilt and Slide fittings

SKB
Standard

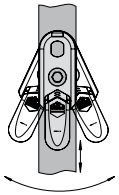
Window adjustments

Settings and adjustments for the fittings (including inserting and removing the sashes) must only be carried out by specialists.

Setting the MULTI-TREND sash lifter: Loosen the TX 15 screw, adjust the height, and fasten.



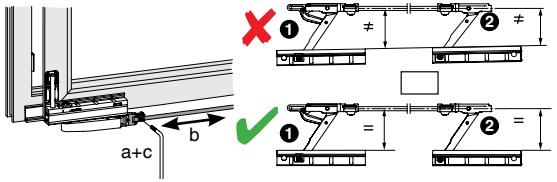
Setting the MULTI-MATIC sash lifter: Set to the required height by turning the adjusting screw (TX 15)



Should mishandling occur despite the device being installed: Press the sash lifter; the handle can then be moved into desired position.

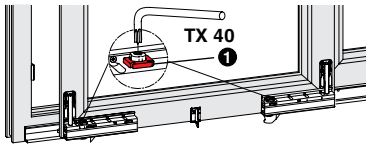
Correct the parallel setting of the roller

a) Loosen the connecting rod on the roller at the handle side
b) Push the connecting rod to the left or right to position ❷ the rear roller parallel to the roller unit on the handle side ❶
c) Fix the connecting rod

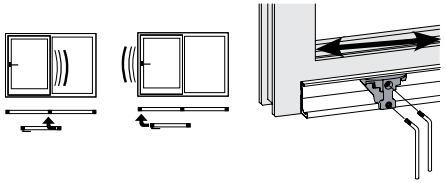


Regulating the height of the roller

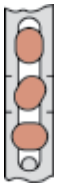
a) Raise the adjustment ❶ lock
c) Adjust the height (+ 4 mm, - 2 mm)
a) Reposition the adjustment lock



Correct the sash entry



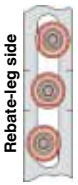
Compression



Less gasket-compression

Original position with the flat surface faced towards the eccentric cam

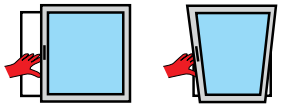
More gasket-compression



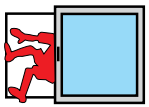
Locking cam *i.S. cam*

Safety and maintenance instructions

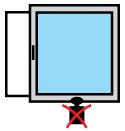
Risk of injury (e.g. catching one's fingers) in the opening gap between the sash and frame.



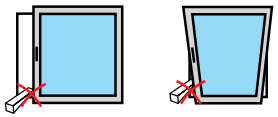
Risk of falling.



Avoid additional loading of the sash.



Be sure to prevent any obstructions in the opening gap between the sash and the frame.



General advice for your windows

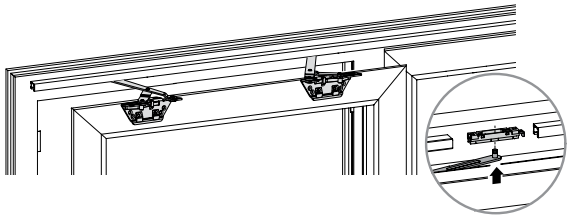
A good window can do more than just let in light:

It is a design element, and at the same time a component that must satisfy demanding technical requirements.
Apart from the important care of the fittings components, you should also constantly check the surface, the glazing, and the gaskets, and immediately repair defective areas.
Use only water with a mild soap solution for cleaning purposes; no caustic agents!

Do not paint over the fittings!

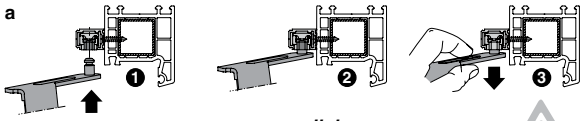
Inserting and removing the sash

Specialists must pay particular attention to the following points, since the installation no longer lies within the sphere of influence of the fittings manufacturer!



Inserting the sash

a

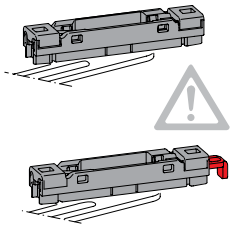


>click<

a.) Insert the scissor backset from below into the centre slider openings until these snap into place with an (audible "click"!) ❶. Correctly secured position of the screw-in backsets in the sliders ❷. Pull/press down the scissor arms to check that the connections are secure ❸.

b.) When installed correctly, the security slider on the side snaps in flush with the edges of the slider housing.

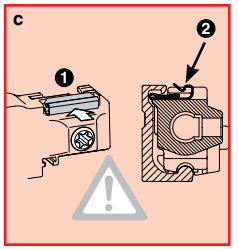
CAUTION: If the scissor backsets do not snap in properly, the window sash will not be held securely and may fall out. Serious personal injuries may result.



c.) Activate the lever lock!
Move the lever lock ❶ on both rollers back until they snap into place at the marked position ❷.

CAUTION: If the lever lock is not (or not correctly) in place at the marked position, the window sash will not be secured properly. Serious personal injuries may result.

c



We strongly recommend window and door buyers to have their windows and doors installed by authorised specialists.

The same care and maintenance instructions apply to all window types that are not specifically mentioned in these instructions (e.g. System C tilt and slide windows)!

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