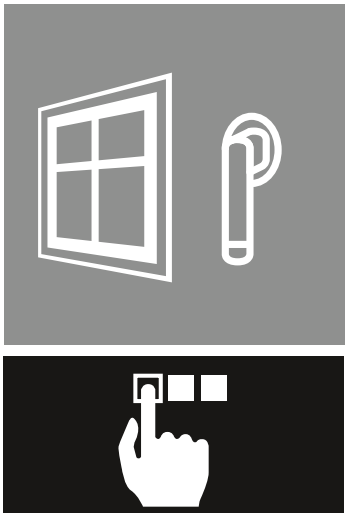


Art.Nr. 98179_01_EN/06.2019

Aluminium systems

Schüco turn/tilt vent installation – AvanTec fittings

en Installation instructions for qualified personnel

Contents

3 Notes on these instructions
3 Use and retention of the instructions

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Art.-Nr. 98179/01.2020

1. Notes on these instructions

1.1. Use and retention of the instructions

Before installing and commissioning, read through this manual thoroughly and adhere to the specified sequence of the instructions. Schüco International KG shall not be liable for any damage which arises from a failure to adhere to these instructions.

These instructions are part of the product. Keep them in an accessible place so that the information is available when needed.

2. Safety

2.1. About the safety instructions

 **KEY WORD**

Type / source / consequence of the danger

Pictograms and key words advise of the type of danger and the level of danger:

DANGER		Imminent danger resulting in death or severe injuries.
WARNING		Potential imminent danger which may lead to death or severe injuries.
CAUTION		Potentially dangerous situation which may lead to minor injuries.
NOTE		Imminent danger of damage to property which may lead to damage to or destruction of the product or environment.
INFORMATION		Information Information, tips and advice

2.2. General safety instructions

Follow the safety instructions in this document so as not to endanger your own life or that of others and to ensure error-free operation.

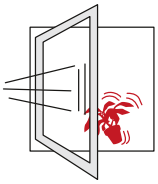
For reasons of simplicity, this manual does not contain every detail of all product types and it cannot cover every possible installation, operation or maintenance scenario.

DANGER

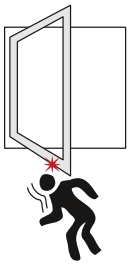
When using aluminium units, take note of the hazards listed below.



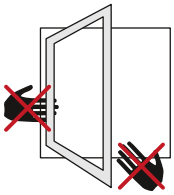
Danger of falling
There is a risk of falling out of open units.
Do not leave open units unsupervised.



Danger of objects falling out when units slam shut
Danger of falling objects
Open units may slam in a draught which may knock over adjacent objects.
If there is wind or a draught, please shut windows and window vents. There is wind or a draught if an open window or window vent opens or closes itself uncontrollably due to a positive or negative wind load.



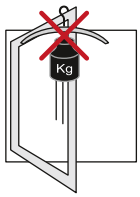
Danger of injury from open units
There is a high risk of injury when working underneath open windows.Shut open windows before working underneath them and before children enter the room. There is a danger of injury from open units when they are in the room (vent corners).



Danger of crushing
Be careful not to trap fingers between the window vent or door leaf and the outer frame when operating windows, patio doors or entrance doors, as well as power-operated windows.



Danger of injury from wind
Open units may slam open and shut when it is windy.
Avoid the influence of wind on open units.
Please close and lock the unit when it is windy and do not leave open units unsupervised.

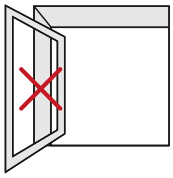


Do not load extra weight onto the frame or handles.
The additional load may cause deformation of the unit frame or damage to the handles.

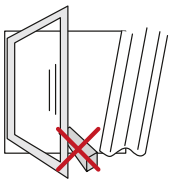


Operate the unit handles in the correct direction only and do not force them beyond the anti-turn stop.
The additional load can lead to damage to the unit handles.

► Operate only in the closed position (of the vent).



Do not rest the unit vents against projecting walls.
Damage to the vents may be caused by draughts slamming the unit vents open and shut.



Do not wedge anything between the unit vent and frame.
The additional load can cause deformation of the frame.

DANGER

The replacement and adjustment of fittings components must only be carried out by qualified personnel. Depending on the size and weight of the window vent, 1-3 people needed for the installation and removal.

DANGER

Misuse and incorrect installation of the fittings may lead to dangerous situations.

► Never use accessory components which are not original parts or not issued by the fittings manufacturer.

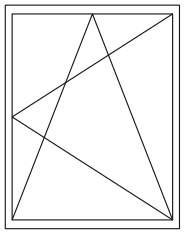
3. Required Schüco tools

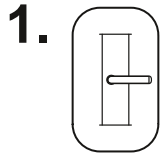
Schüco ISR 15/20				
	283 687	Screwdriver	Shaft 100 mm	1
	283 689	Angled screwdriver	Shaft 55 mm	1
	283 688	Screwdriver with T-handle		1
	283 693	Screwdriver with T-handle and flexible shaft, with bit holder		1
	289 097	Pistol-style screwdriver with ratchet function, LED light and bit storage compartment Handle can be swivelled to 60°		1
	283 692	Bit insert	Bit length 110 mm	1
	289 098	Flexible shaft with bit holder Can be combined with pistol-style screwdriver		1

4. Turn/tilt window vent with AvanTec fittings

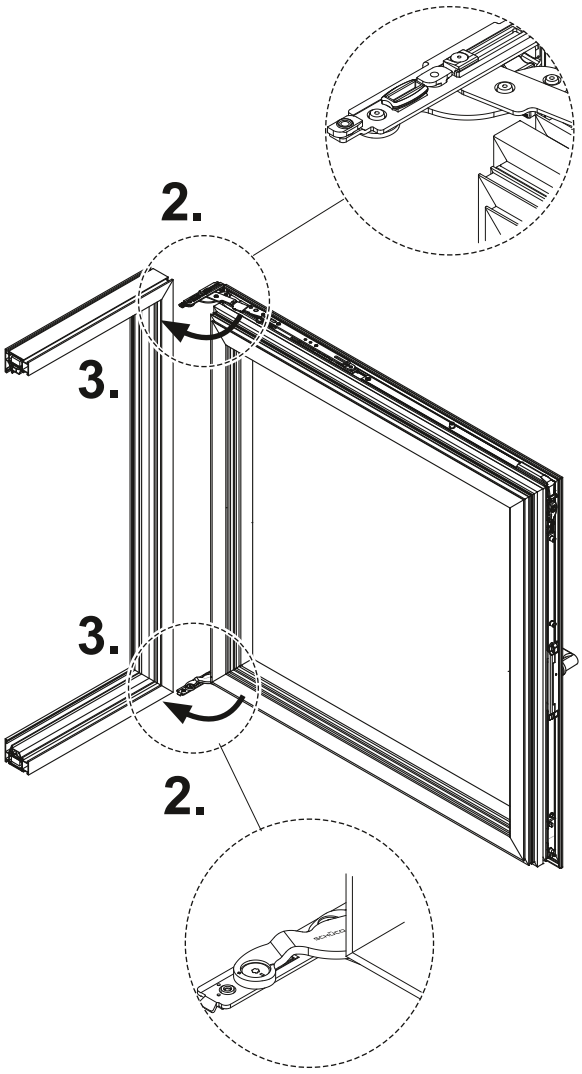
DANGER

The replacement and adjustment of fittings components must only be carried out by qualified personnel.
Depending on the size and weight of the window vent, 1-3 people are needed for the installation and removal.



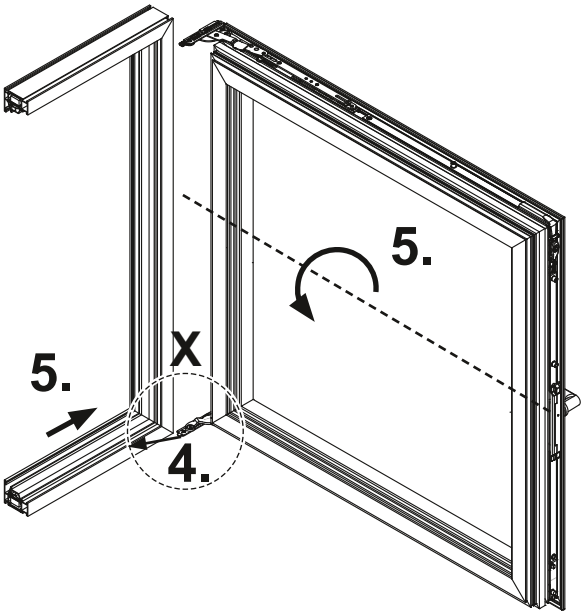


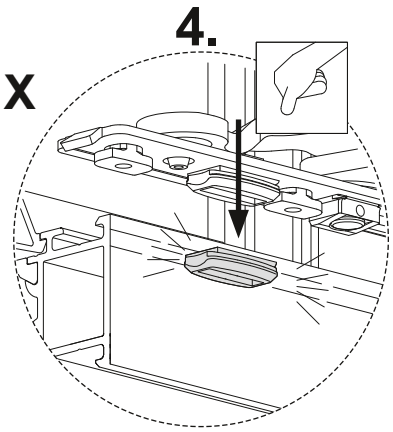
1.Bring the handle and vent into the turn position.



2.Fold out the stay and corner pivot.

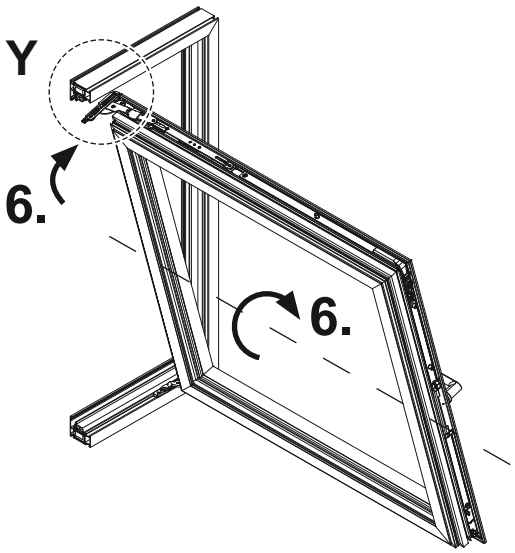
3.Swivel the vent carefully into the outer frame.
Make sure you do not scratch the outer frame.

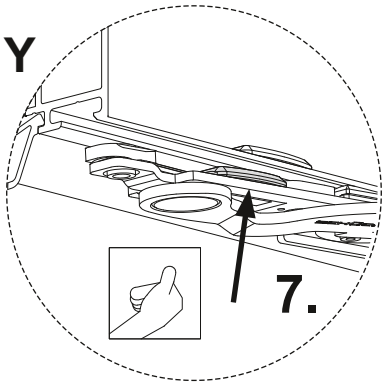




4. Clip the corner pivot (X) downwards into the outer frame groove and push into the corner.

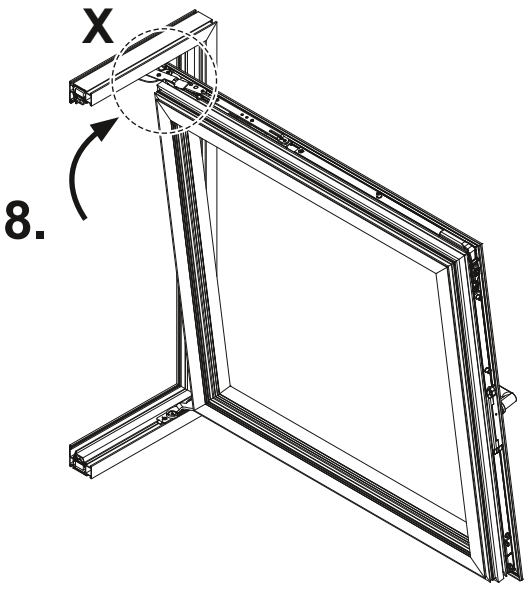
5. Pivot the vent towards the handle side and around the vent axis until the turn/tilt mechanism pivot is inserted in the outer frame groove.

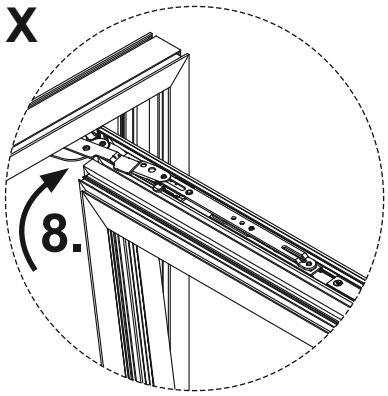




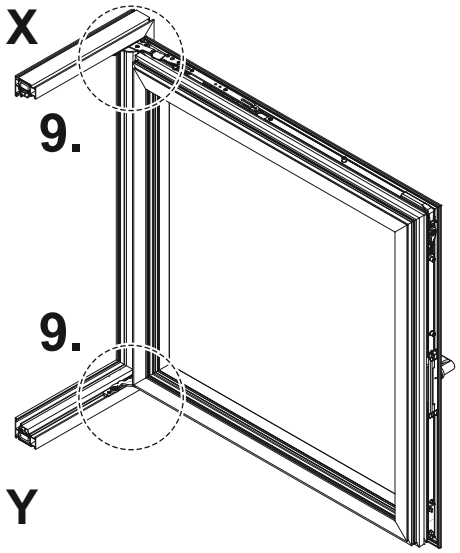
6. Pivot the vent around the vent axis and push the turn/tilt mechanism pivot in the direction of the outer frame corner.

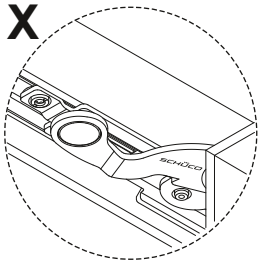
7. Clip the turn/tilt mechanism pivot (Y) into the outer frame groove.

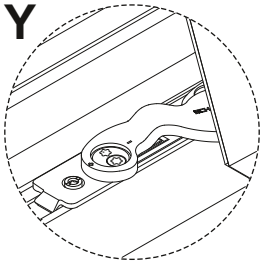




8. Carefully push the top of the vent into the outer frame corner.

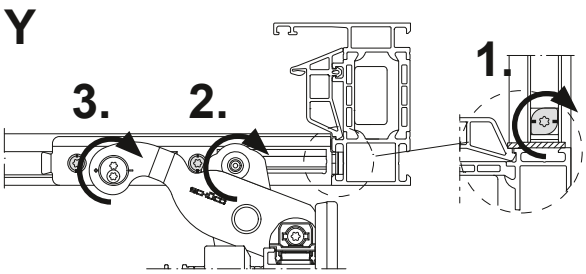


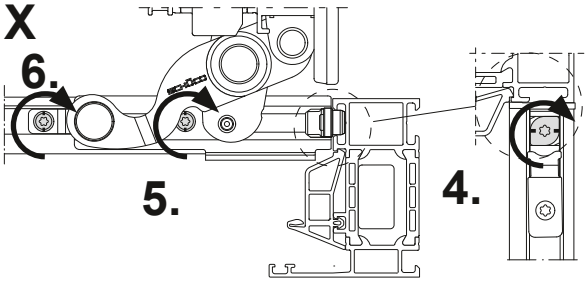


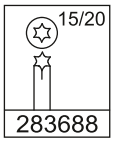


9. Tighten the sliding blocks of the corner pivot and stay.

NOTE



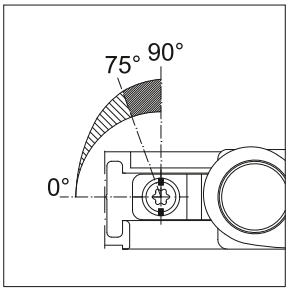




It is essential that the sequence is followed when fixing the side-hung unit.

First, the corner pivot at the bottom (Y):
Sliding blocks 1, 2, 3

Then the stay at the top (X):
Sliding blocks 4, 5, 6

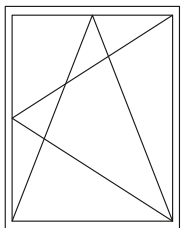


Always rotate the sliding blocks between 70° and 90°.
This will ensure secure fixing..

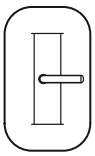
5. Removing turn/tilt window vent with AvanTec fittings

DANGER

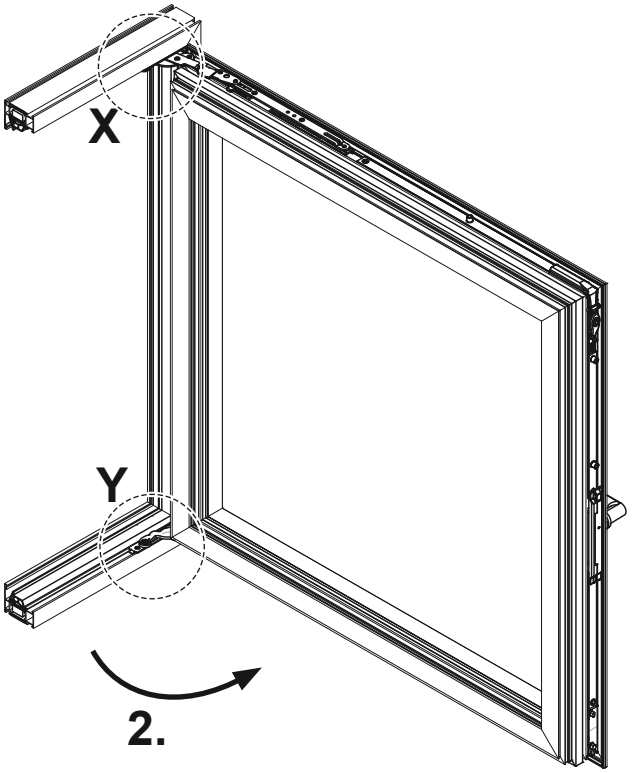
The replacement and adjustment of fittings components must only be carried out by qualified personnel.
Depending on the size and weight of the window vent, 1-3 people are needed for the installation and removal.

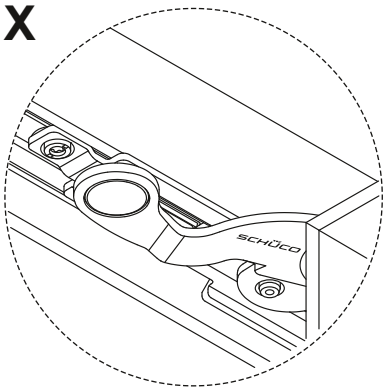


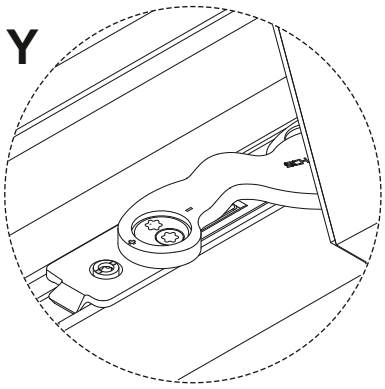
1.

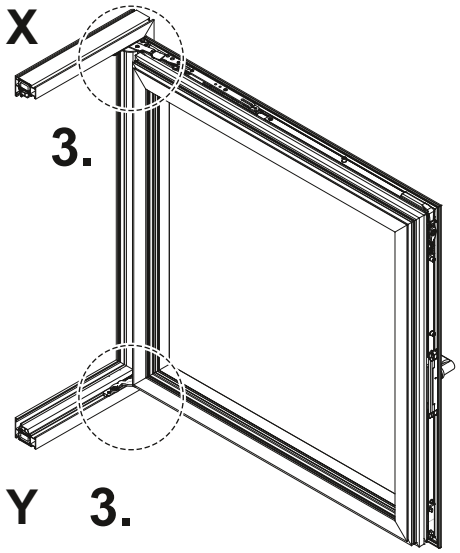


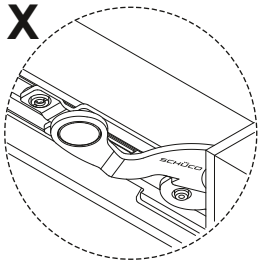
1.Bring the handle and vent into the turn position.
2.Open the vent to approximately 90°.

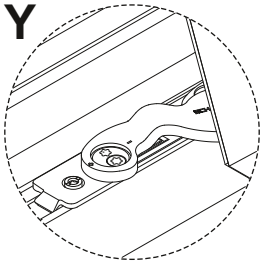






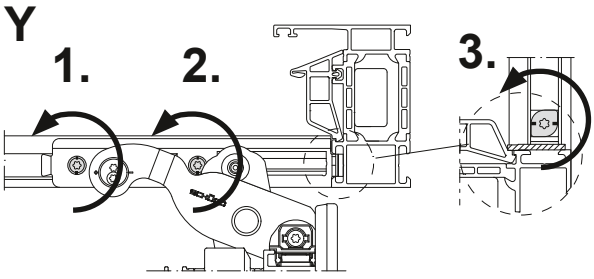


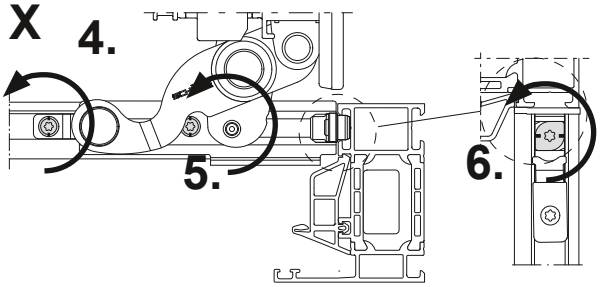


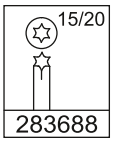


3. Rotate the sliding blocks by 90° and loosen them.
   The sliding block must be aligned parallel to the outer frame groove.

NOTE



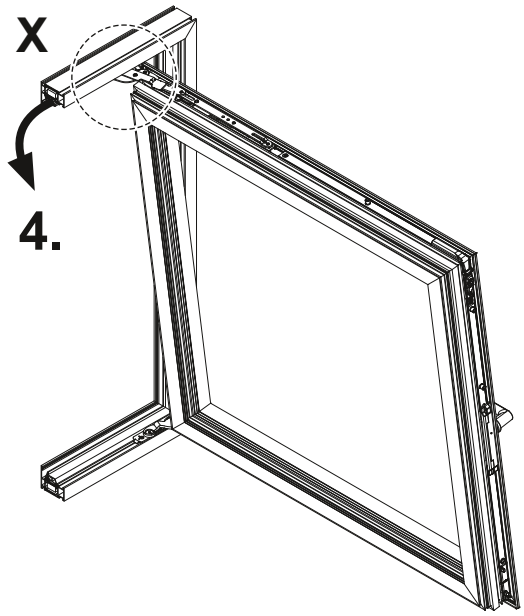


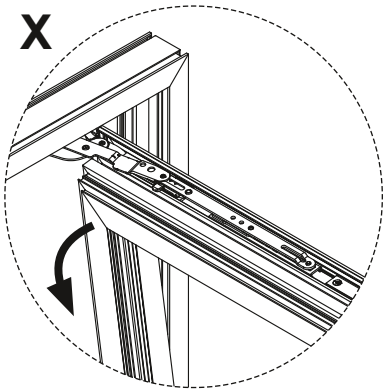


It is essential that the sequence is followed when removing the side-hung unit.

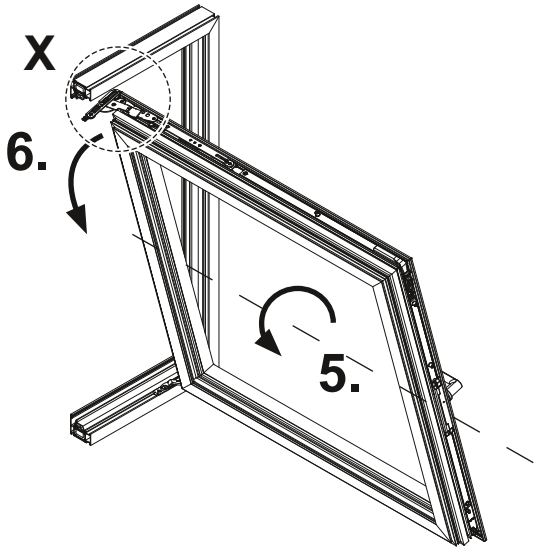
First, the corner pivot at the bottom (Y):
Sliding blocks 1, 2, 3

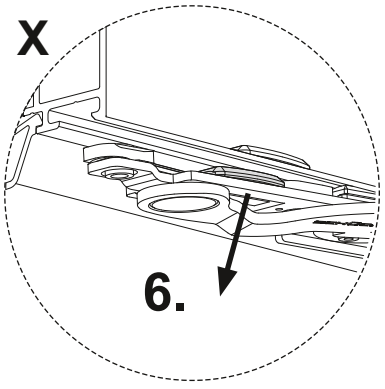
Then the stay at the top (X):
Sliding blocks 4, 5, 6





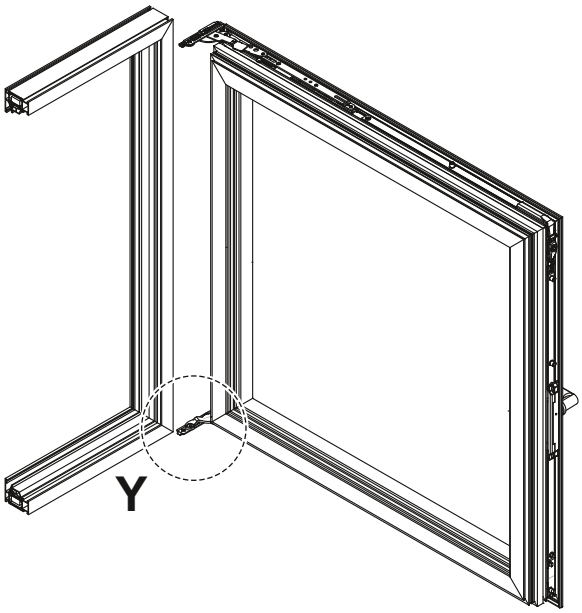
4.Carefully remove the the vent at the top from the corner.

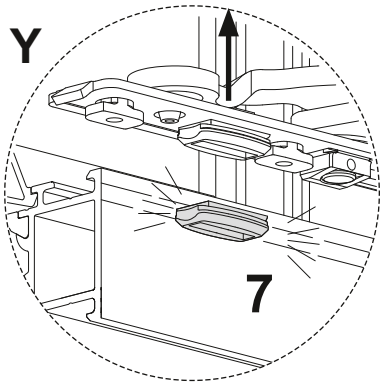




5.Carefully pull the vent out of the corner.

6.Unclip the turn/tilt mechanism pivot (X) downwards out of the outer frame groove.





7. Unclip the corner pivot (Y) at the bottom upwards out of the outer frame groove.

DANGER

Carefully remove the vent from the outer frame and store so that it is secured against falling over.

en Original instructions

The export, fabrication and assembling of Schüco products within the scope of building projects in the USA are subject to specific regulations (product testing/certification) which must be coordinated with Schüco USA LLLP prior to importing the products into the USA. If you have any questions on this matter, please contact Schüco USA LLLP, e-mail: alutechsupport@schuco-usa.com.
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