

# Manual No. 7029

10/23

## INSTALLATION

### Sectional doors Industry and Large Villa



**Wicket door**  
with reduced 30 mm  
or standard 60 mm threshold



(Document reserved for installers)

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# Installation instruction



**CAUTION !**



**To ensure that this product is assembled, used and maintained in complete safety, it is important to follow the instructions provided in this document.  
For everyone's safety, please adhere to the precautionary measures below.**

- Before beginning the assembly, read this manual carefully.
- This closure must be installed by a professional technician.
- All the parts delivered are specifically sized for this product.  
Adding and/or using other parts may be detrimental to safety and may affect the product's warranty.
- Any modification or improvement of this closure must be compliant with the standard EN 13241 + A2. In this case, a " Modification/Transformation " file must be created by the installer as per the standard EN 12635 annex C.
- Considerable force is exerted by the torsion springs.  
Carry out work in accordance with the safety instructions.  
Use the appropriate tools to install these products.  
Ensure that all work is carried out on a stable floor.
- Ensure that the assembly area is adequately lit, clear, clean and clearly marked out.
- Ensure that no other people are present at the assembly site apart from the installers.  
Non-authorized persons like children, who are present at the site, risk injury during assembly.
- All the components of this closure must be installed in compliance with the installation instructions provided in this manual.
- All the requirements of the standards EN 13241 + A2 must be met and verified, if necessary.

**Max. tightening torque :**

Assembly screws = 10 Nm

Shutter mounting screws = 12 Nm

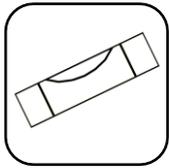
**Min. working load per attachment point :**

Compensating shaft = 300 daN

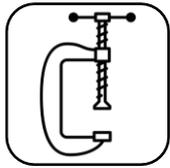
Rails = 40 daN

# Before installation

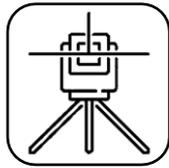
## Required equipment



Spirit level



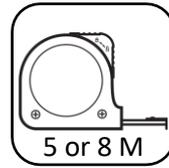
Clamp



Laser level



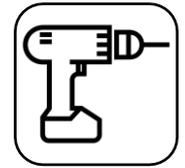
Plumb bob



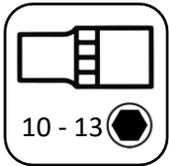
5 or 8 M  
Tape measure



Utility knife



Electric screwdriver



10 - 13  
Socket



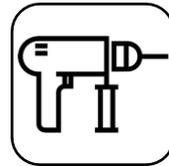
Cruciform bit



Flat wrench



2,5  
Allen key



Perforator



30  
Torx bit



5 mm  
Wood shims



Phillips screwdriver



Flat screwdriver



Pencil



Grinder



Combination pliers



Hacksaw



Locking pliers



Steel drill  $\varnothing 4,2$   
length. max.30 mm



Concrete drills



Flat tip



Trestles



Silicone sealant



Ladders



Lubricant



Brush



Pot of grease



Grease spray



Pipe wrenches  
10 and 13 mm



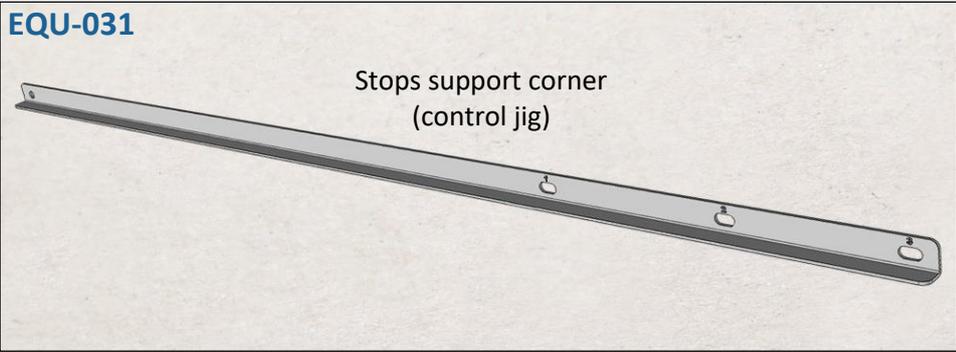
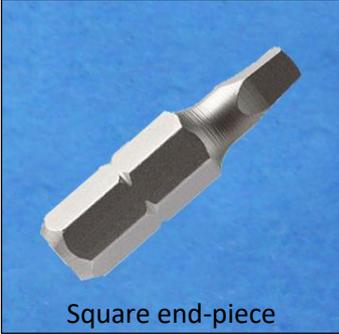
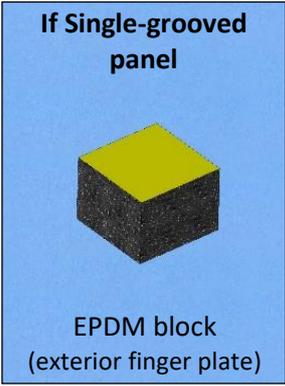
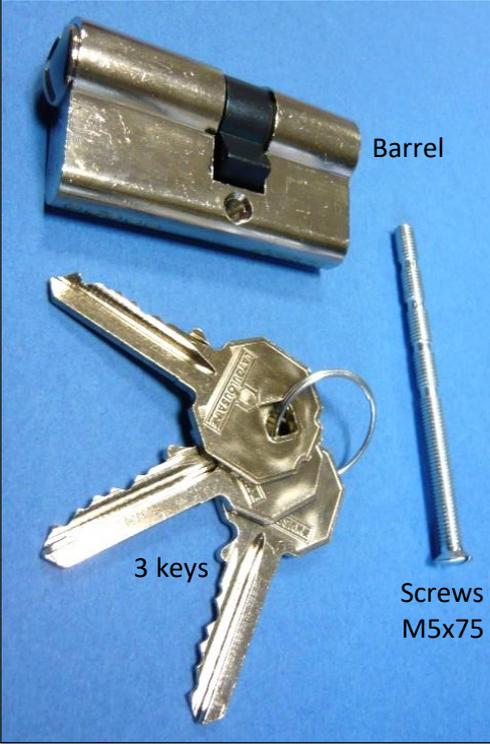
Hammer



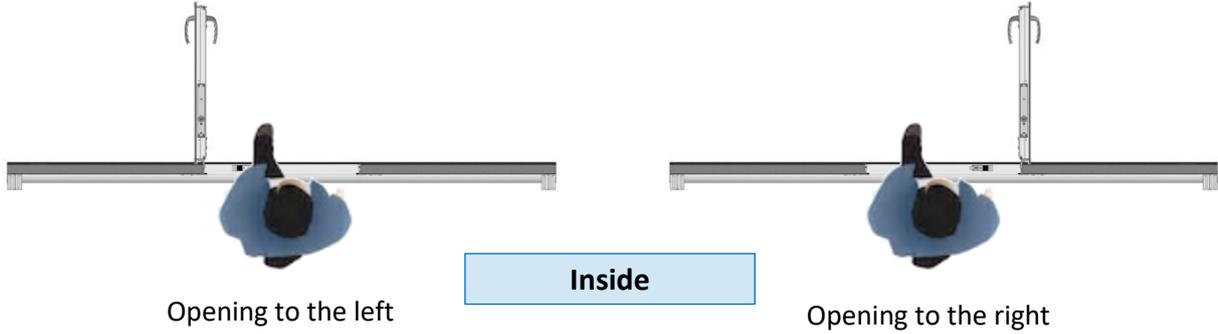
SQ2  
Square end-piece

Ankles with screws

# Kits content of the wicket door



# Identifying the opening direction



# Panel preparation

• **Example :** Interior view mount for opening the wicket door to the right.

## Low panel

**a** Lateral hinges  
Screws : Self-drilling TB Torx 6,3x25 x8

**b** Intermediate hinges  
Screws : Self-drilling TB Torx 6,3x25 x12

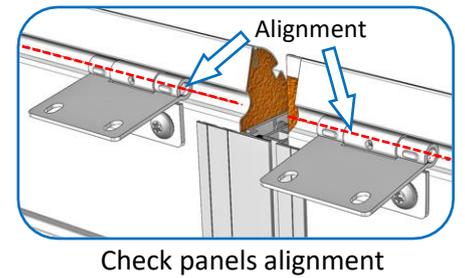
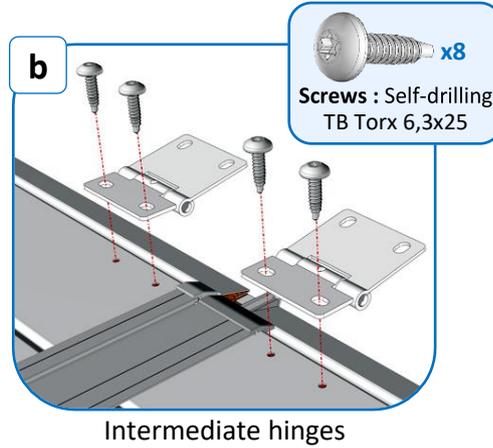
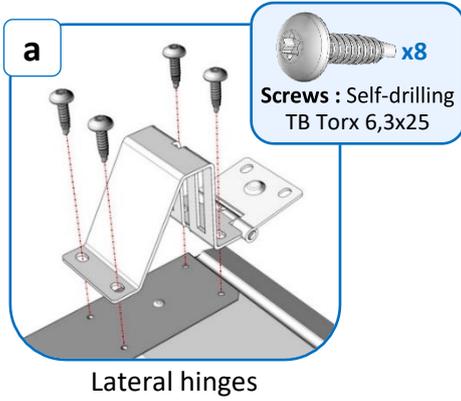
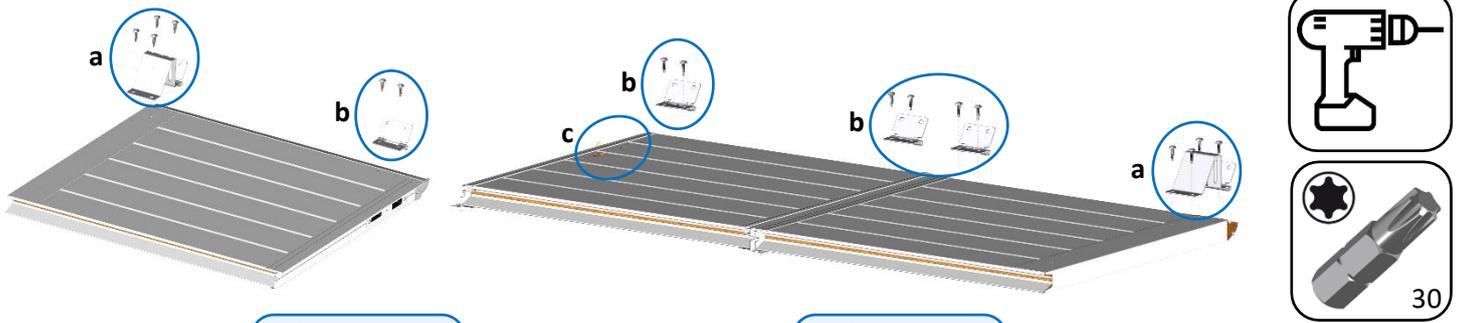
**c** Latch  
Screws : Self-drilling TB Torx 6,3x25 x4

**d** Grip foot rest  
Screws : TRCC M6x20  
Nuts : M6 (with notched base) x4

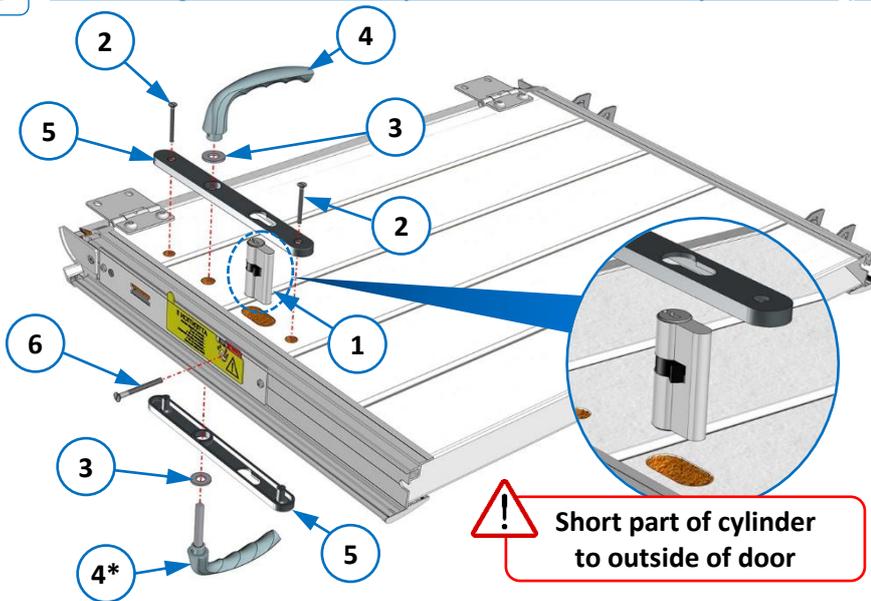
Alignment

Check panels alignment

## Intermediate panel(s)



**c** Assembling the handle and cylinder on intermediate panel No. 1 (recommended) :

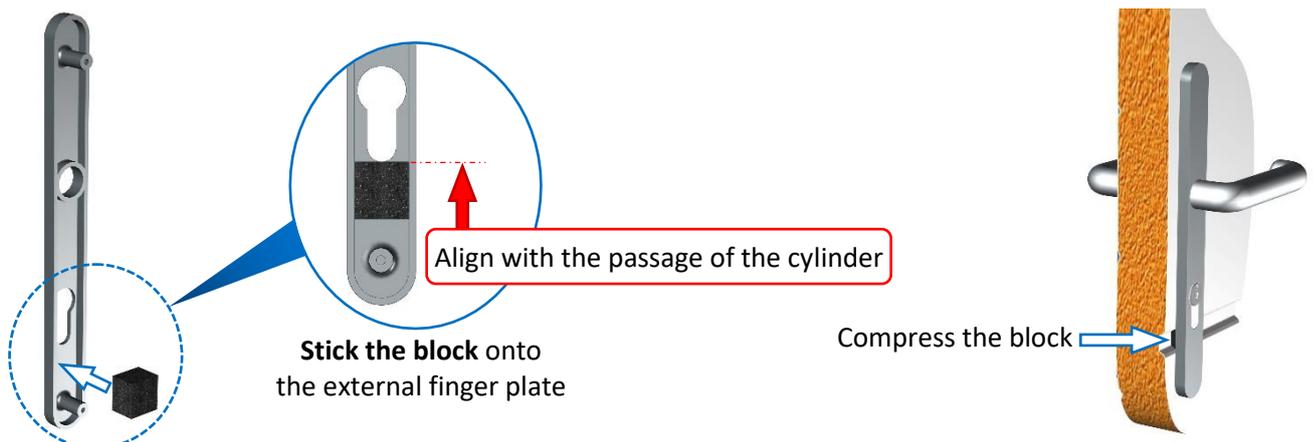


**!** Fix the finger plate screws on the inside of the door.

1. Locking barrel
2. Flat TF screws M4x50 (x2)
3. Shimming washer (x2)
4. Handle (x2)
5. Finger plate (x2)
6. Screws M5x75 (adjust if necessary)

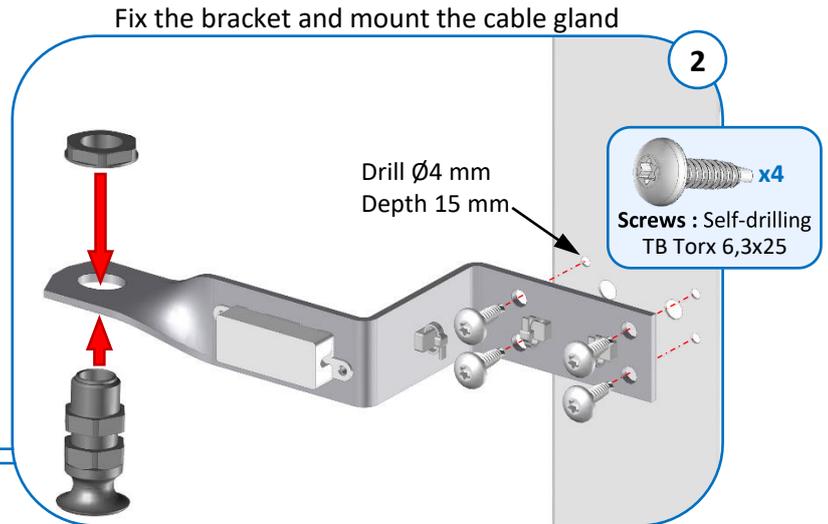
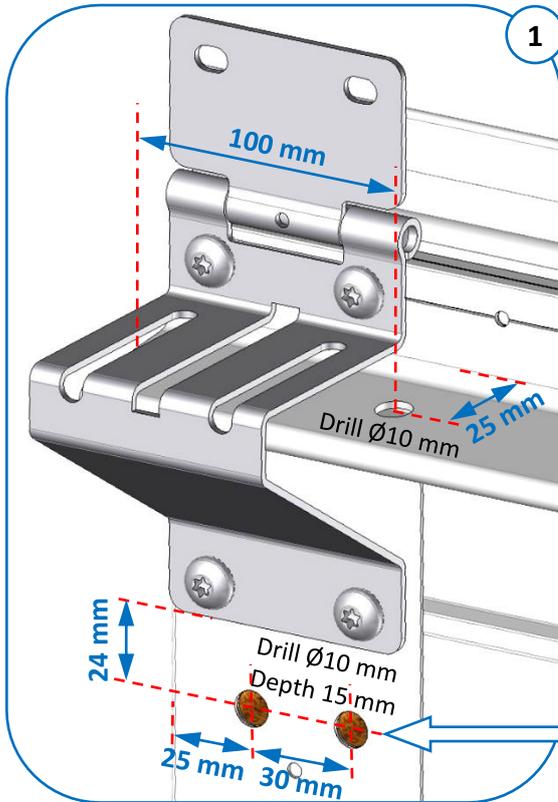
**!** The handle with reduced protrusion 4\* must always be outer side.

**Specific case : Single-grooved panel**

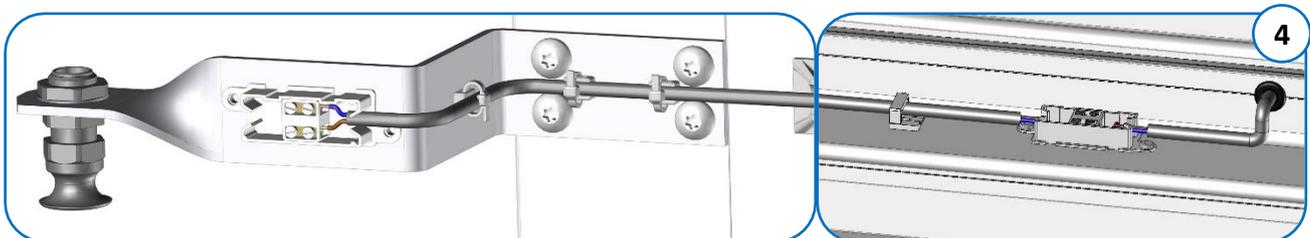
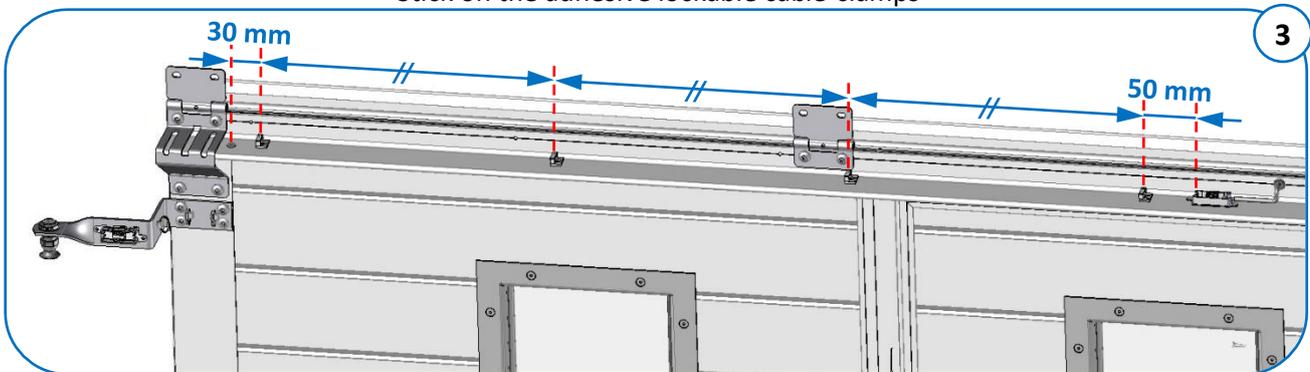


## High intermediate wicket door panel (intermediate 2) (if INDUS operator : SE1i or SE3i)

**Example** : Motorization on the left.  
**Symmetrical assembly for motorization on the right.**



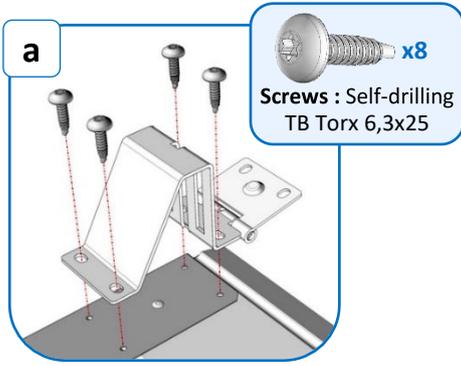
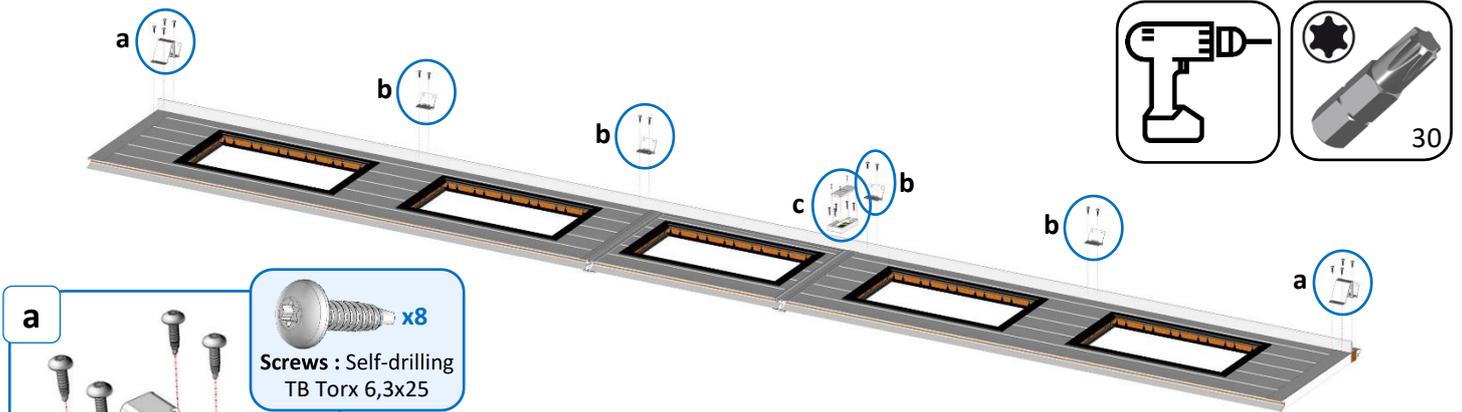
Stick on the adhesive lockable cable-clamps



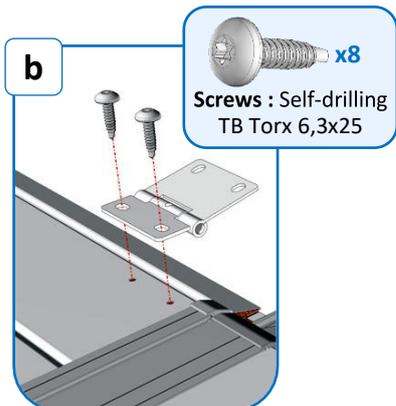
Connect the cable to the right-hand box, pass it through the cable-clamps and cable ties and lock it in place.  
Adjust the cable if necessary and connect it to the left-hand box.

**When connecting, make sure to match the cable colors together.**

## High intermediate wicket door panel (intermediate 2) (if OP'Drive or Pro+ box)



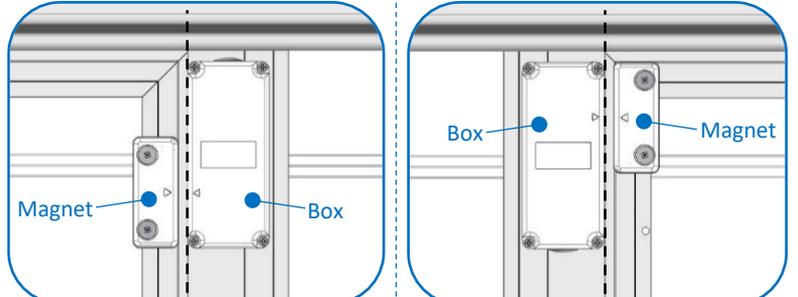
Lateral hinges



Intermediate hinges

### C1 Safety contact radio Transmitter module

Left push wicket door or Right push wicket door

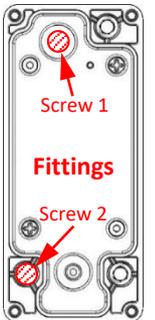
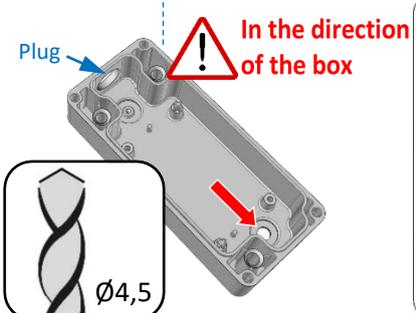


Opener

Frame

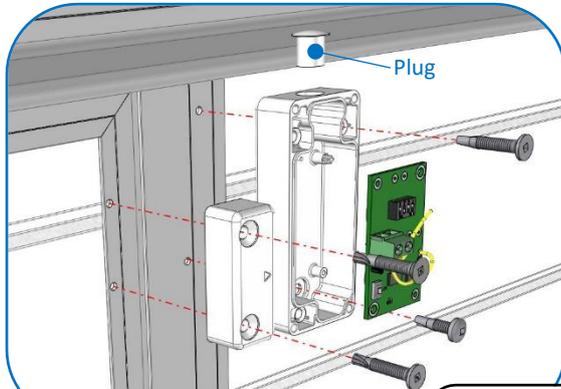
Frame

Opener

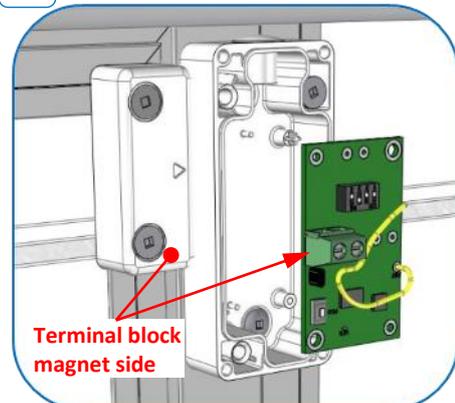


Drill the box

### C2 Fix the parts on the opener and frame



### C3 Reinstall the board



Terminal block magnet side

and temporarily close the box

# Shutter assembly

• When assembling the structure, refer to the door manual provided in the accessory pack.

## Low panel installation illustrated with standard 60 mm threshold

See specific information for reduced 30 mm threshold

**1** Screws : TRPCC M8x15  
Nuts : H M8 (with notched base) x4

**2** **3** **4**

**Center the panel in the bay**

**Center the shim on the wicket door**

**Remove the transport strap**

**1** **2** **3** **4**

**2** **a**

Washer : 12x27x2,5

**b**

Screws : Self-drilling TB Torx 6,3x25 x12

OR

**Standard 60 mm threshold**

**b**

**If reduced 30 mm threshold**  
**Position ≠ of the anti-fall**

**c**

**d**

**Installing the cable**

**Block imperatively the nut and the lock nut parallel to the rail**

**To install the low panel at the correct level, place shims (not supplied) high enough under the threshold, to avoid flattening the low seal when assembling the panels.**

**3** **4**

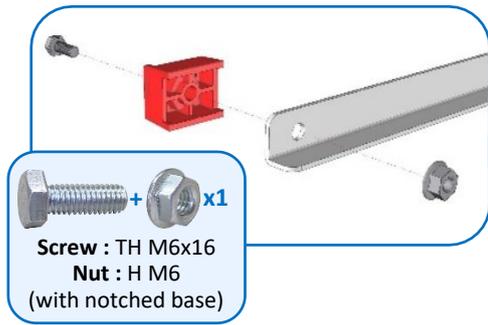
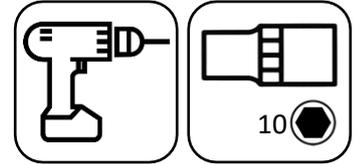
**Standard 60 mm threshold = Shim height 40 mm**

**OR**

**If reduced 30 mm threshold = Shim height 10 mm**

**Insert shims and check the wicket door :**

1- Prepare the control jig :

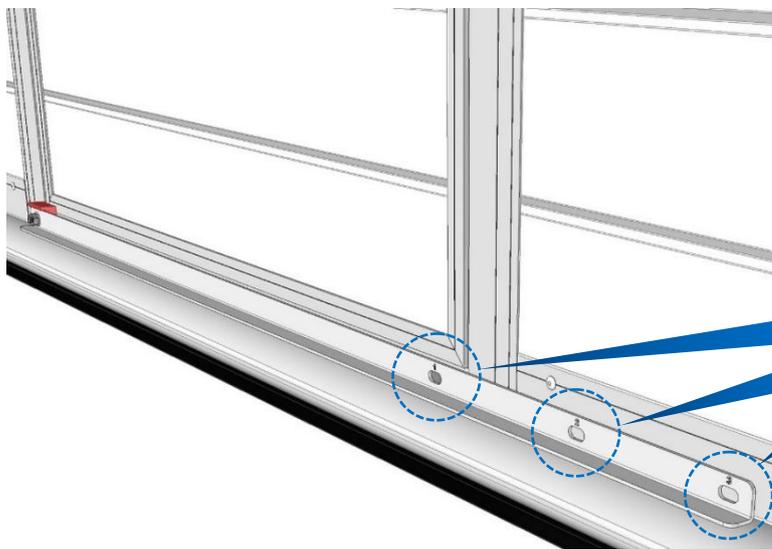


Screw : TH M6x16  
Nut : H M6  
(with notched base)

**Fixed side :** Assemble the stop, by tightening the nut.

**IMPORTANT**  
The corner piece is fixed into the left side of the wicket door threshold (interior view).

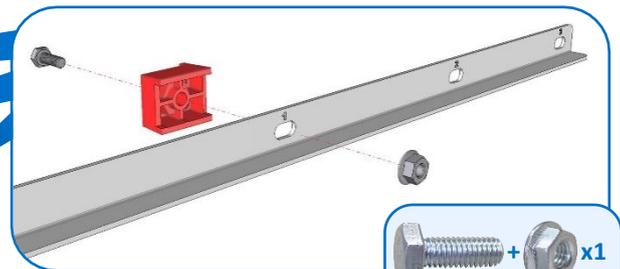
2- Position the jig on the threshold of the wicket door :



**Mobile side :**

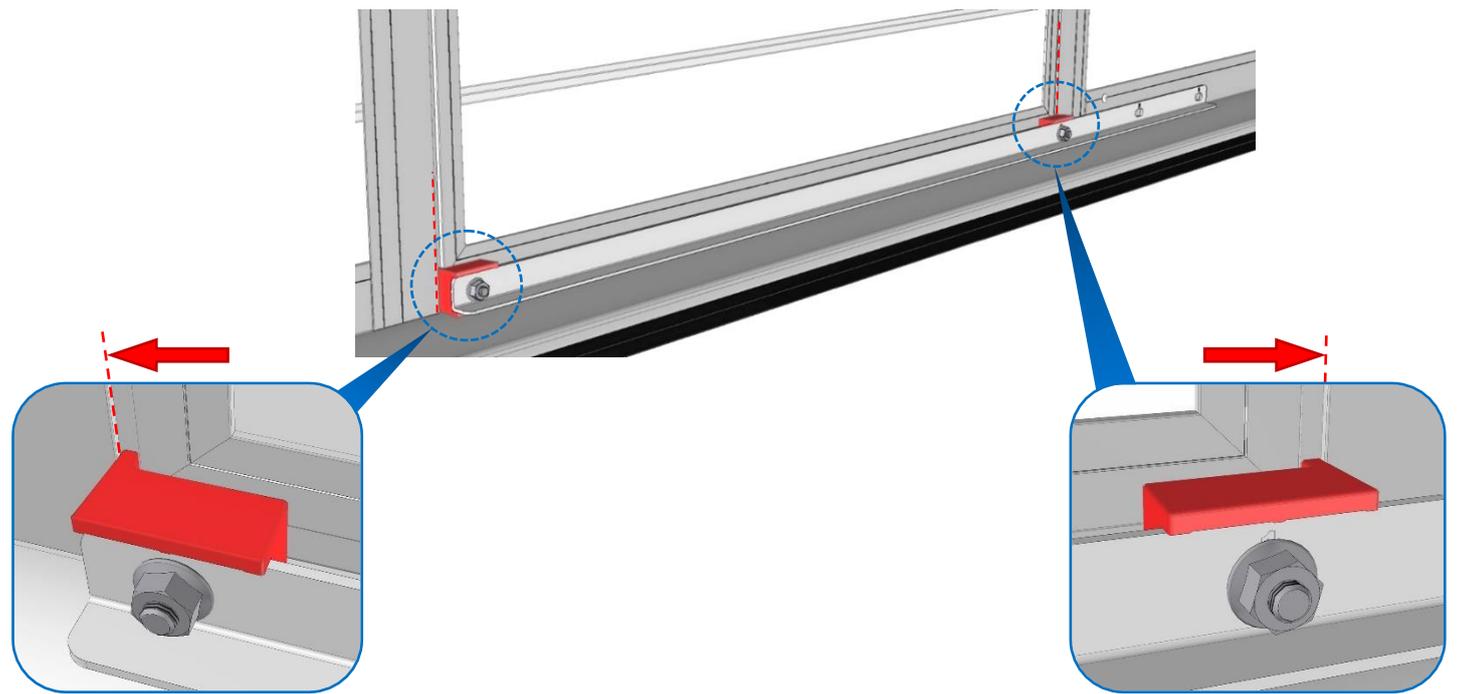
Position the stop on the corner piece according to the wicket door width ; assemble it by tightening the nut.

Wicket door width	Position of the stop
L (659 mm)	1
XL (789 mm)	2
XXL (900 mm)	3



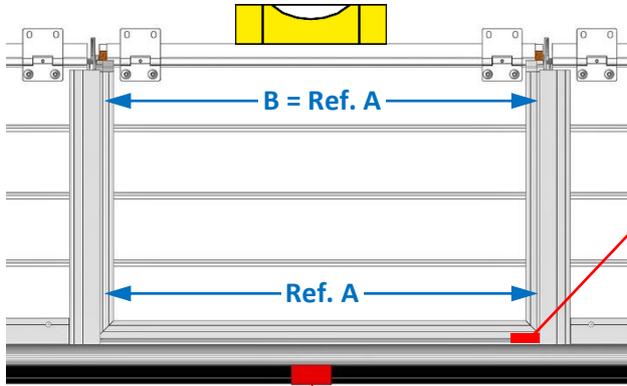
Screw : TH M6x16  
Nut : H M6  
(with notched base)

**Please note :** The stops must abut against the frame :

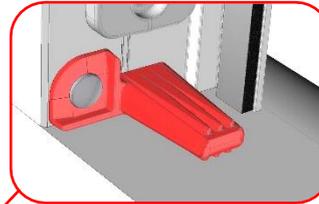


3- Use the jig to check the distance between the frames :

 Check the spacing at the top and bottom of the profiles

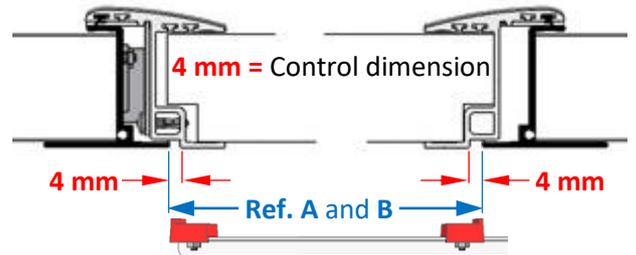


8 mm shim, present on lock side



Do not remove

 For B = Reference A, adjust the thickness of the shim.



### Installing the intermediate wicket door panel(s)

**2**

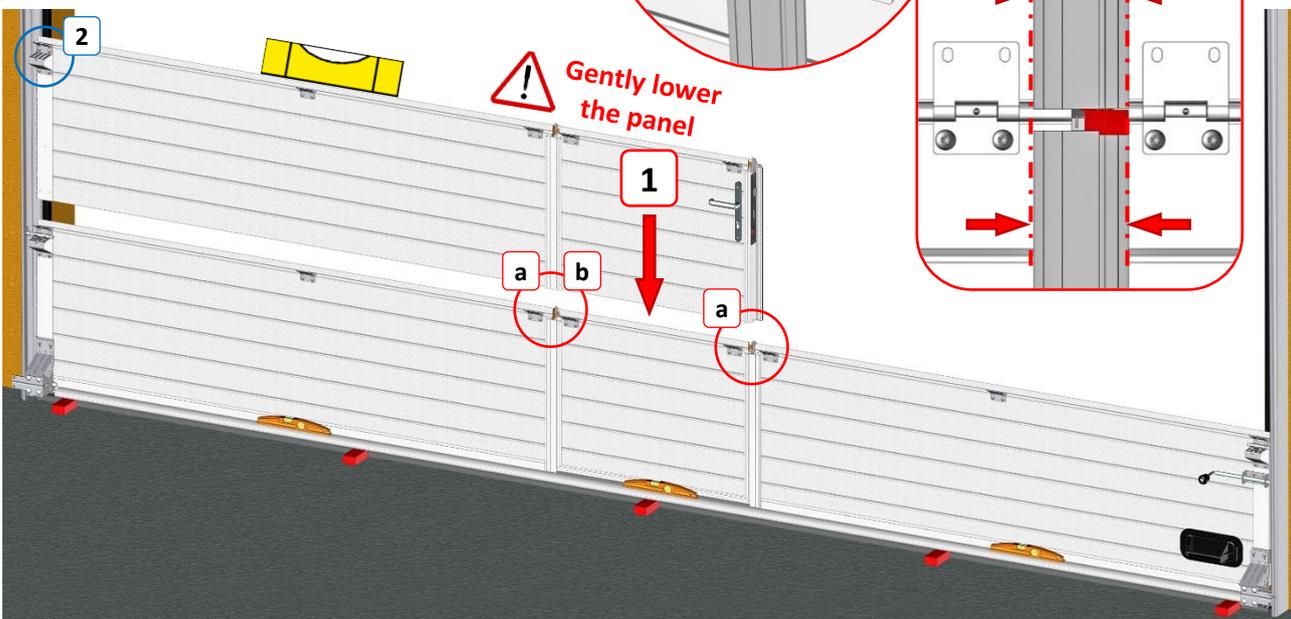
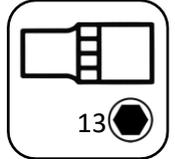
Screws : TRPCC M8x15  
Nuts : H M8 (with notched base)

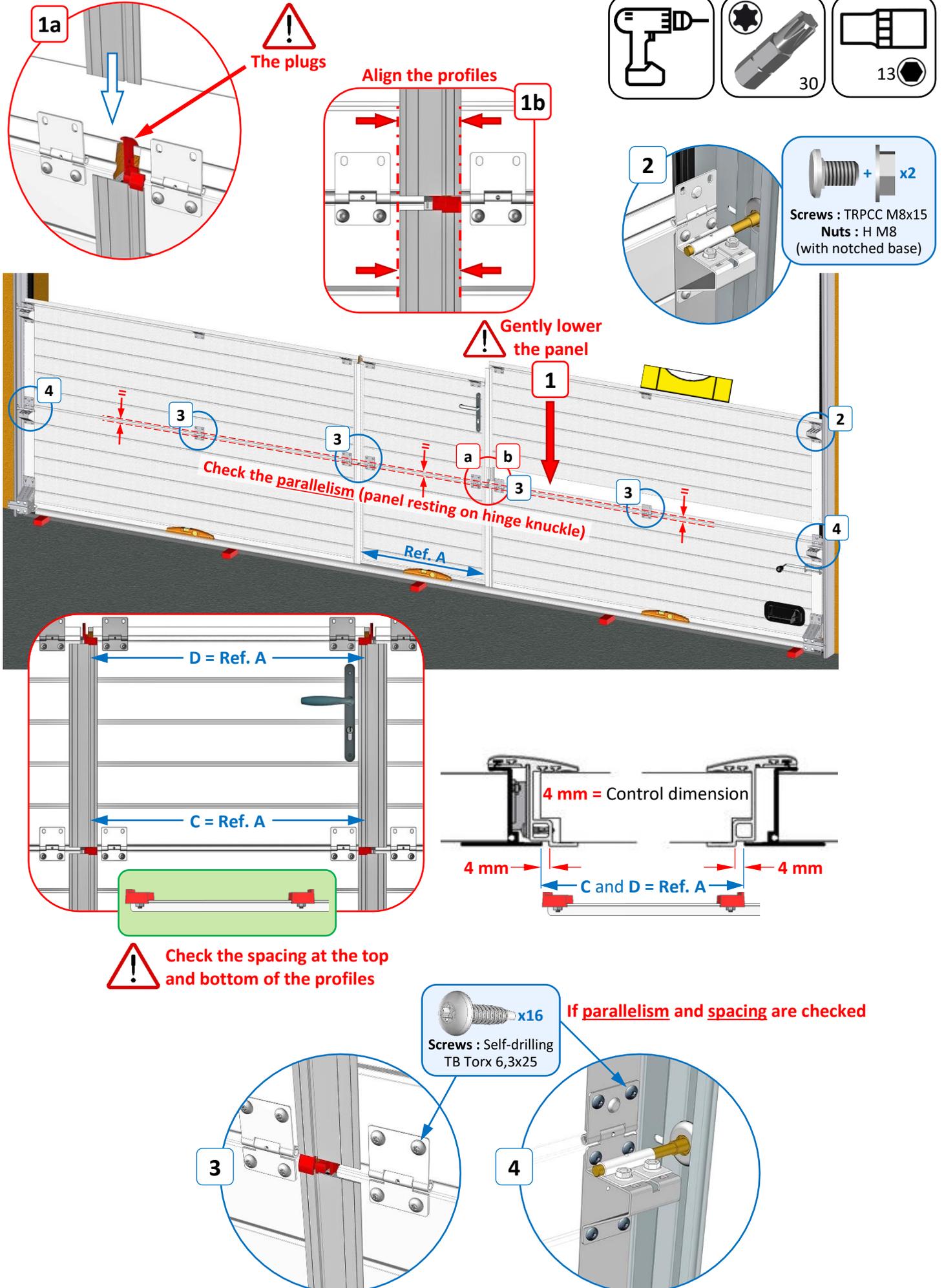
**1a**

 The plugs

**1b**

Align the profiles





## Installing the high intermediate wicket door panel (intermediate 2)

**2**

Screws : TRPCC M8x15  
Nuts : H M8  
(with notched base)

**1a**

The plugs

**1b**

Align the profiles

**2**

**1**

Gently lower the panel

**3**

Check the parallelism (panel resting on hinge knuckle)

Ref. A

**2**

Remove the transport strap

**3**

F = Ref. A

E = Ref. A

**4 mm = Control dimension**

4 mm

E and F = Ref. A

4 mm

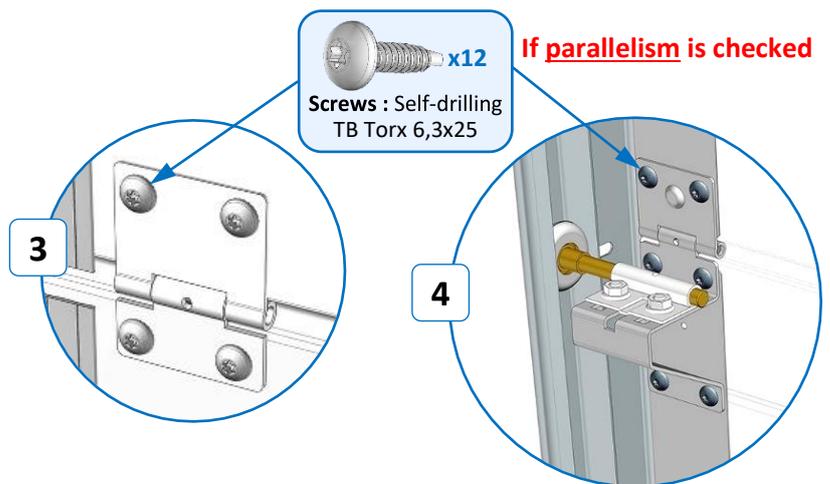
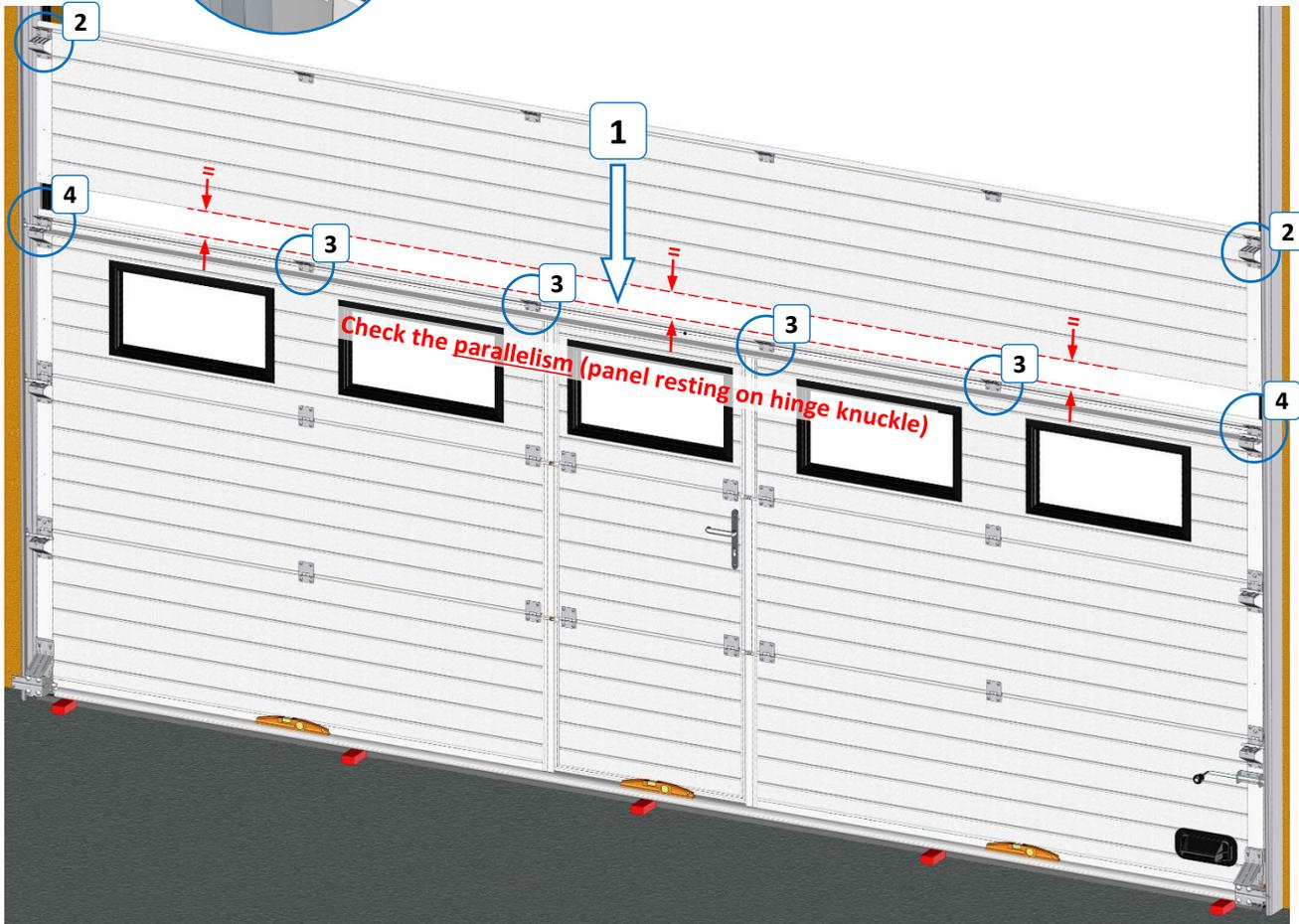
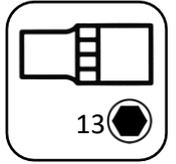
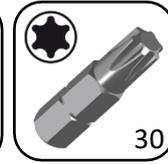
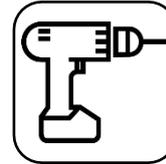
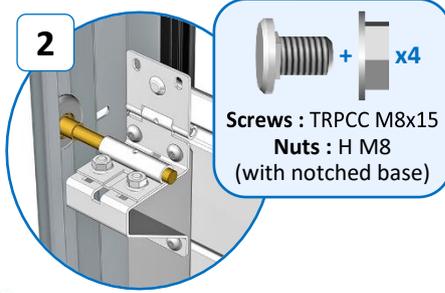
**3**

**4**

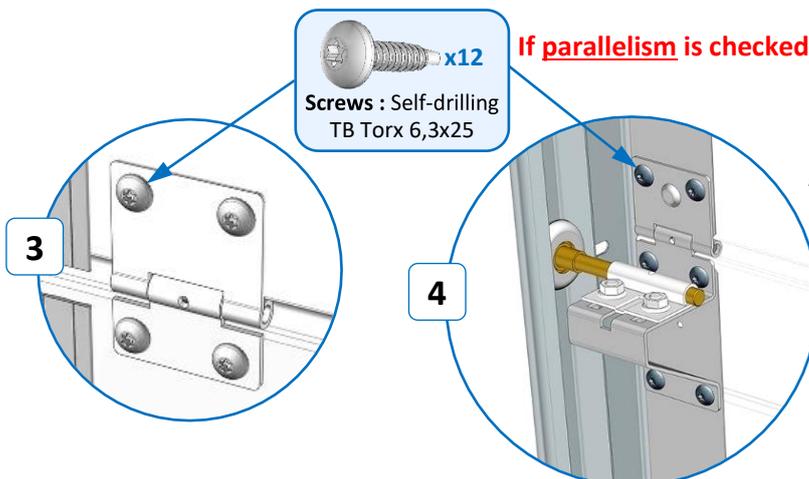
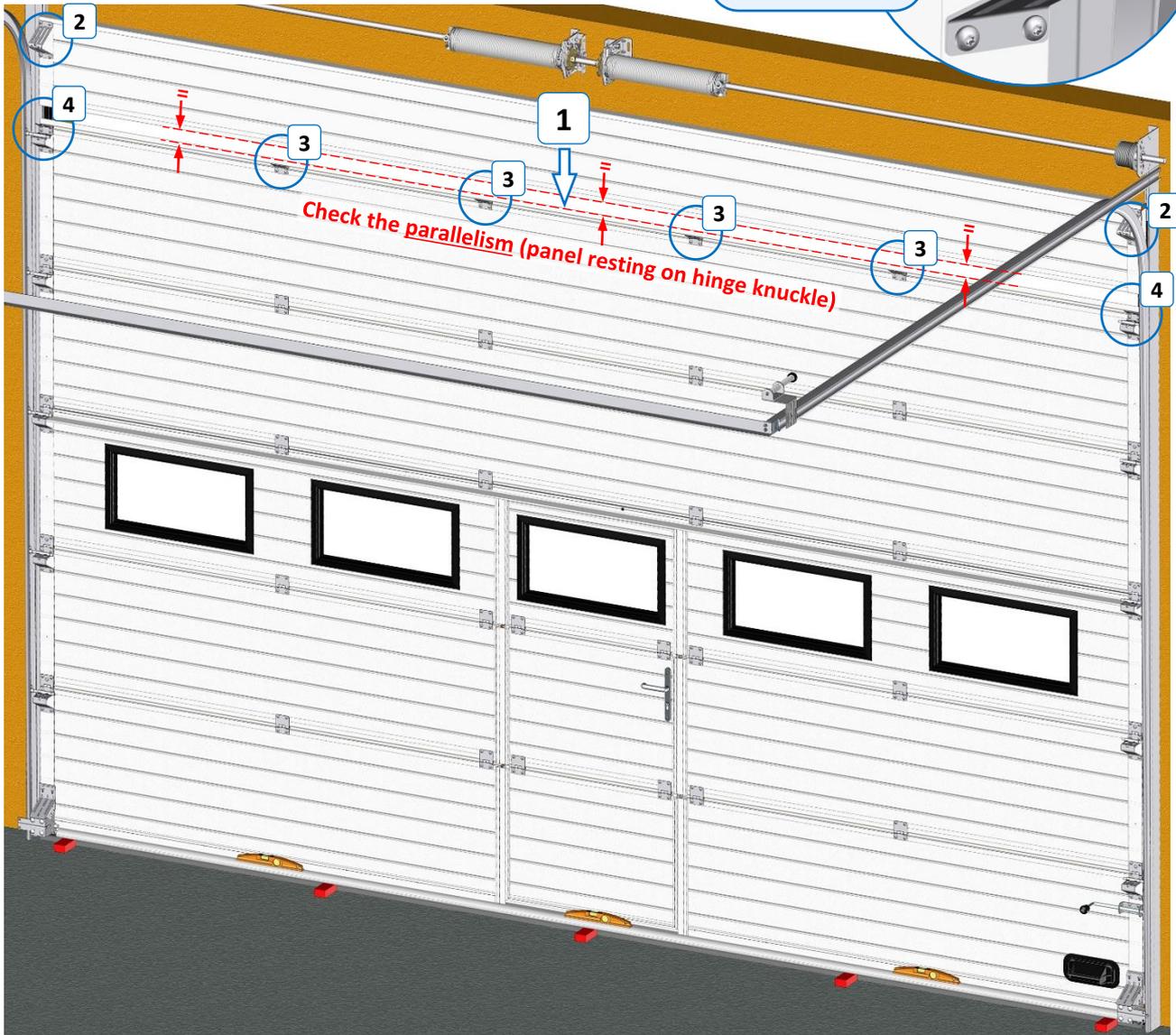
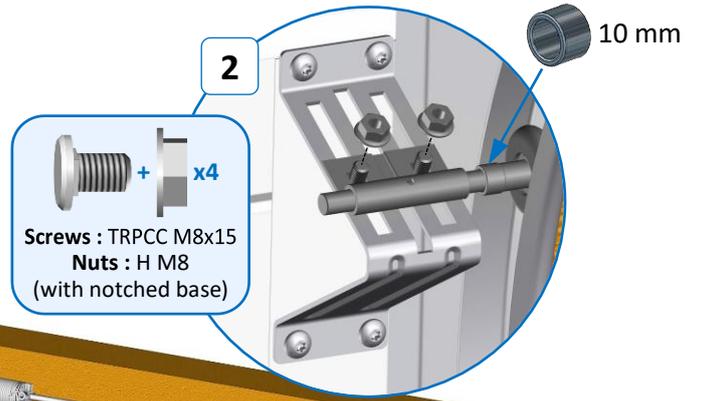
Screws : Self-drilling TB Torx 6,3x25

**If parallelism and spacing are checked**

## Installing of the following intermediate panels



## Installing the high panel

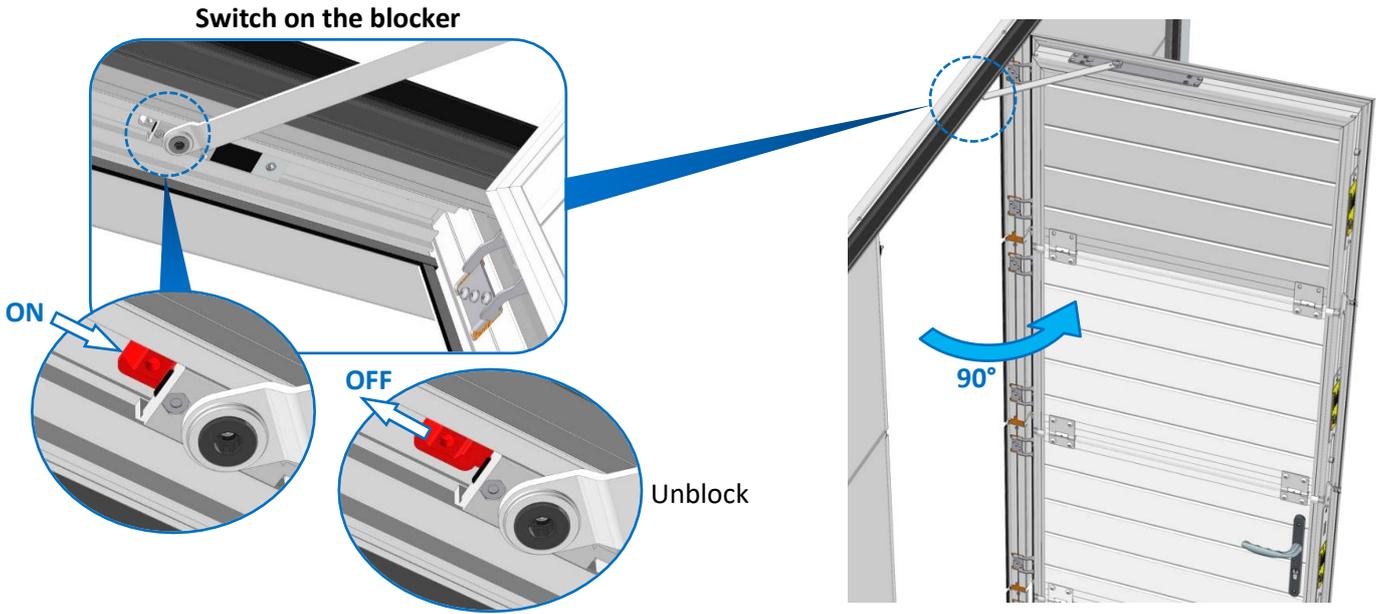


Adjust the rollers on the lateral hinges so that the shutter is perfectly vertical.

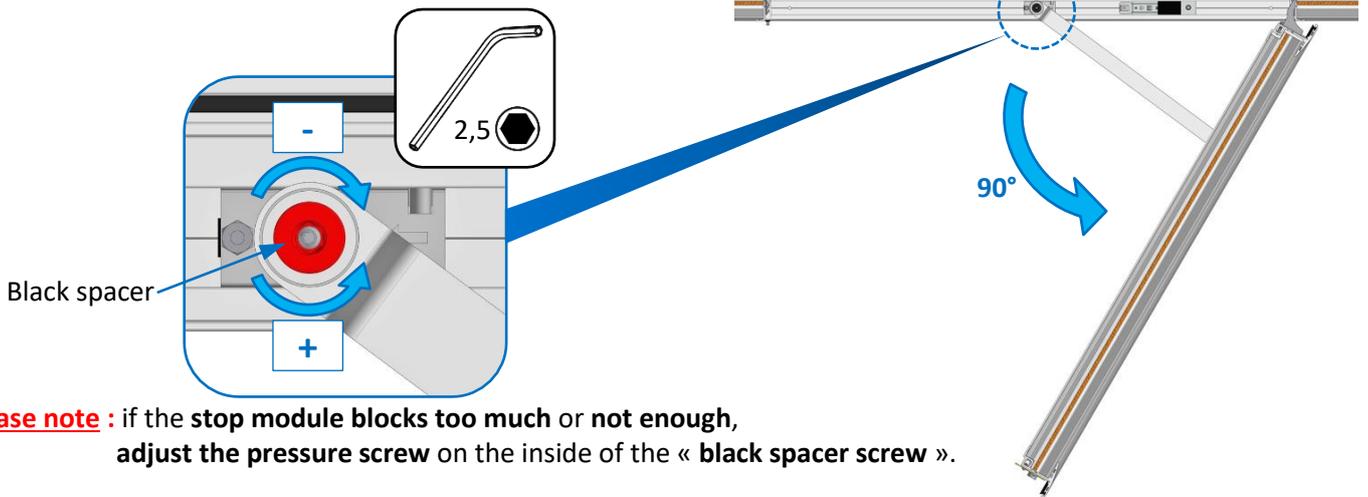
**Do not flatten the exterior lateral joints of the shutter.**

# Wicket door finalization

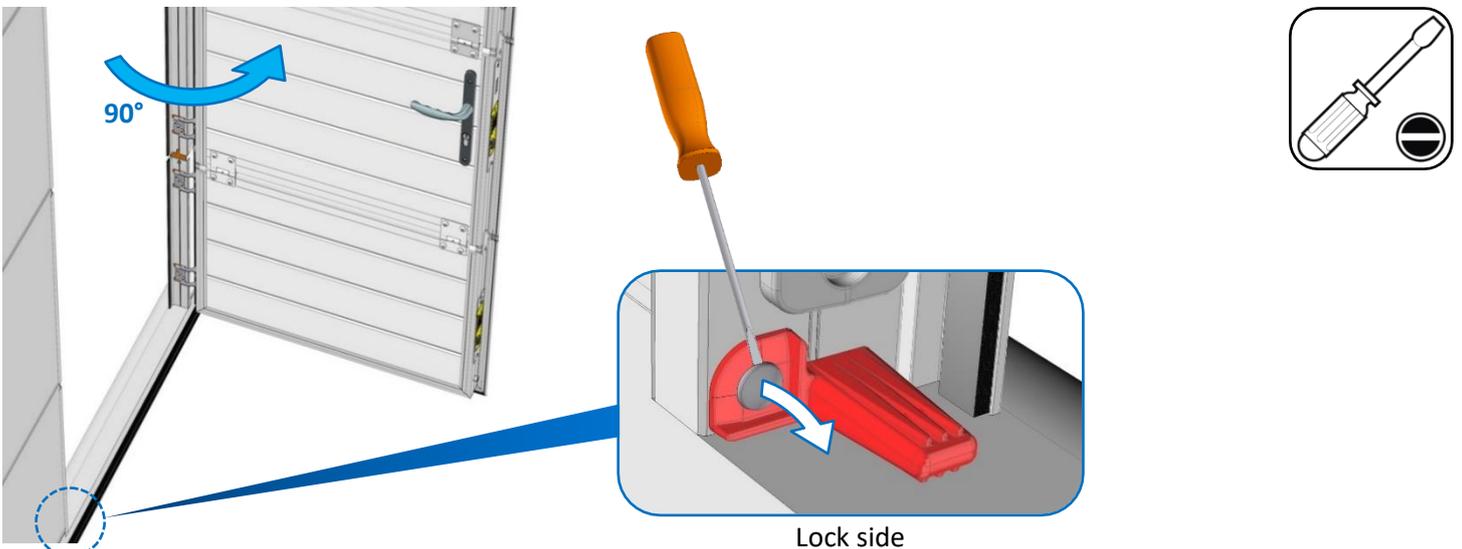
## Adjusting the stop module



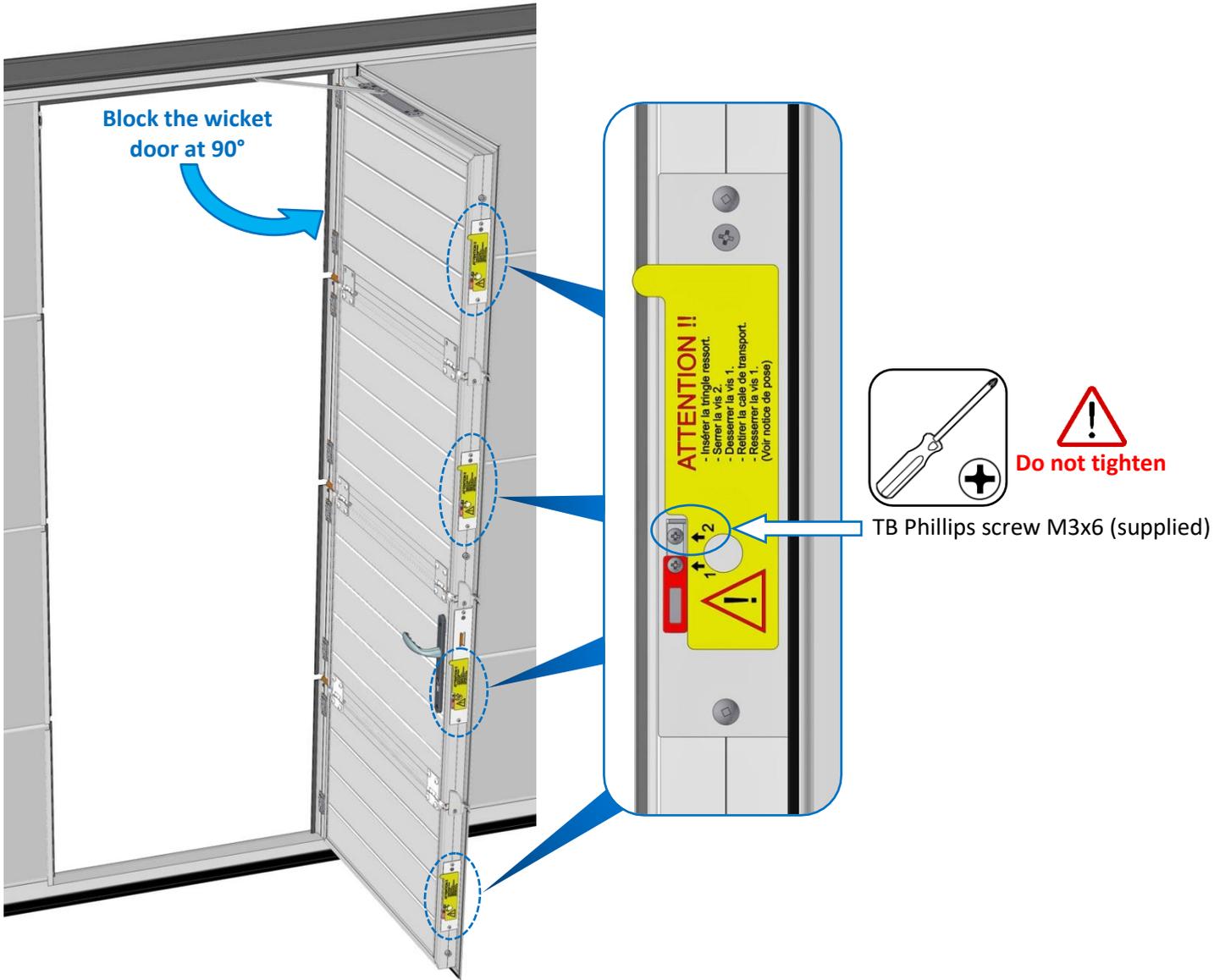
**Test the stop module :** Block the wicket door.



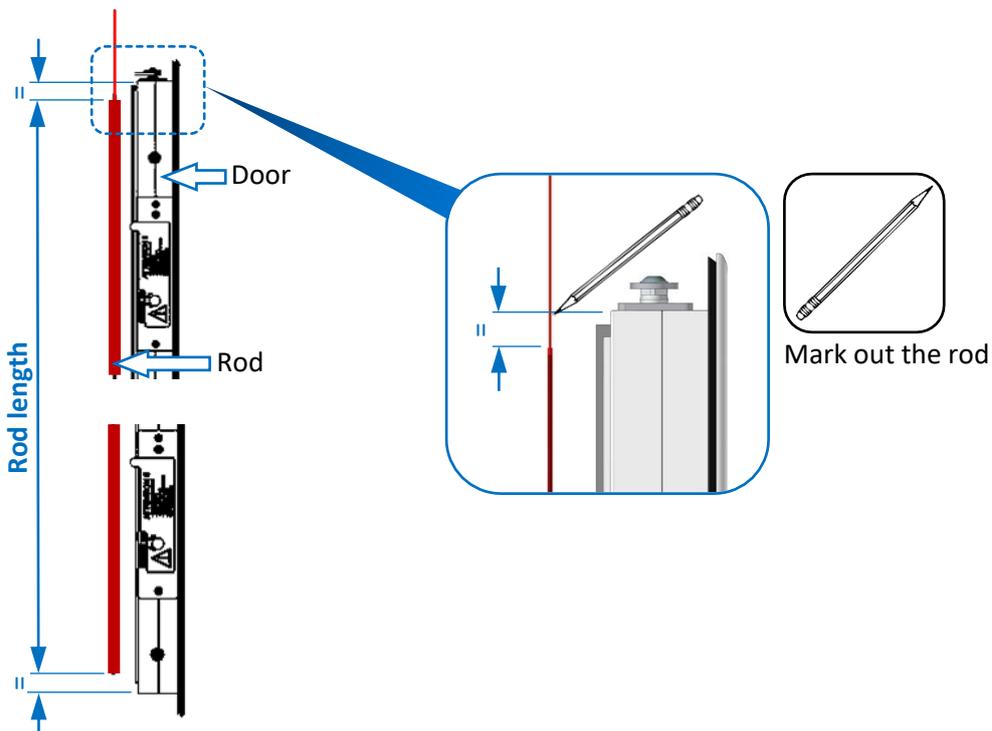
## Remove the shim



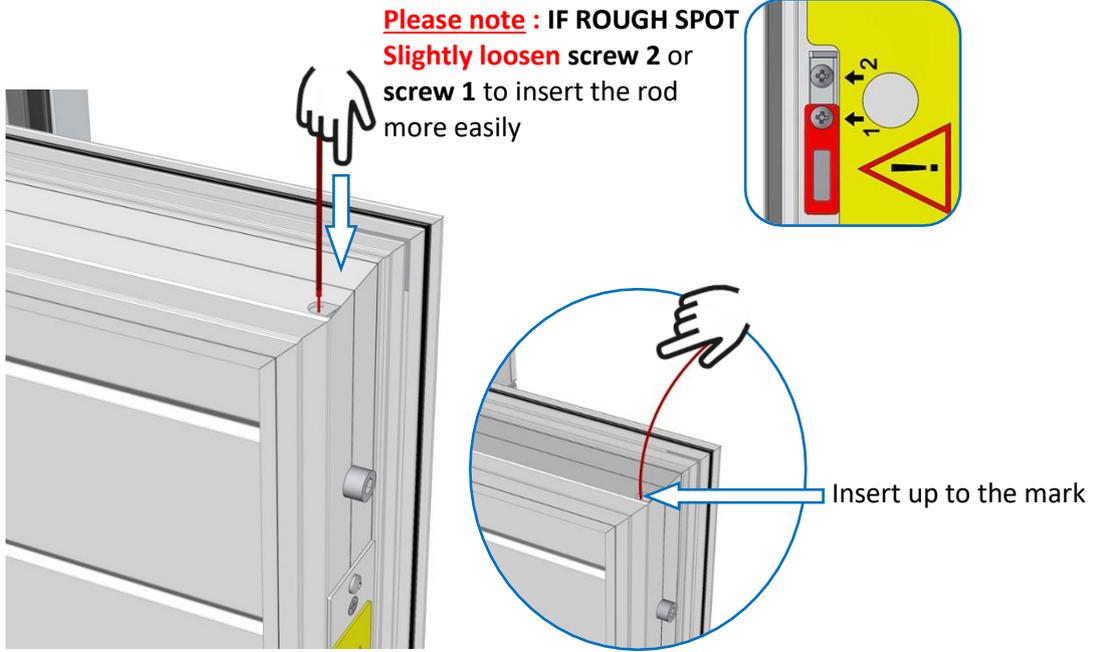
## Installing the rod



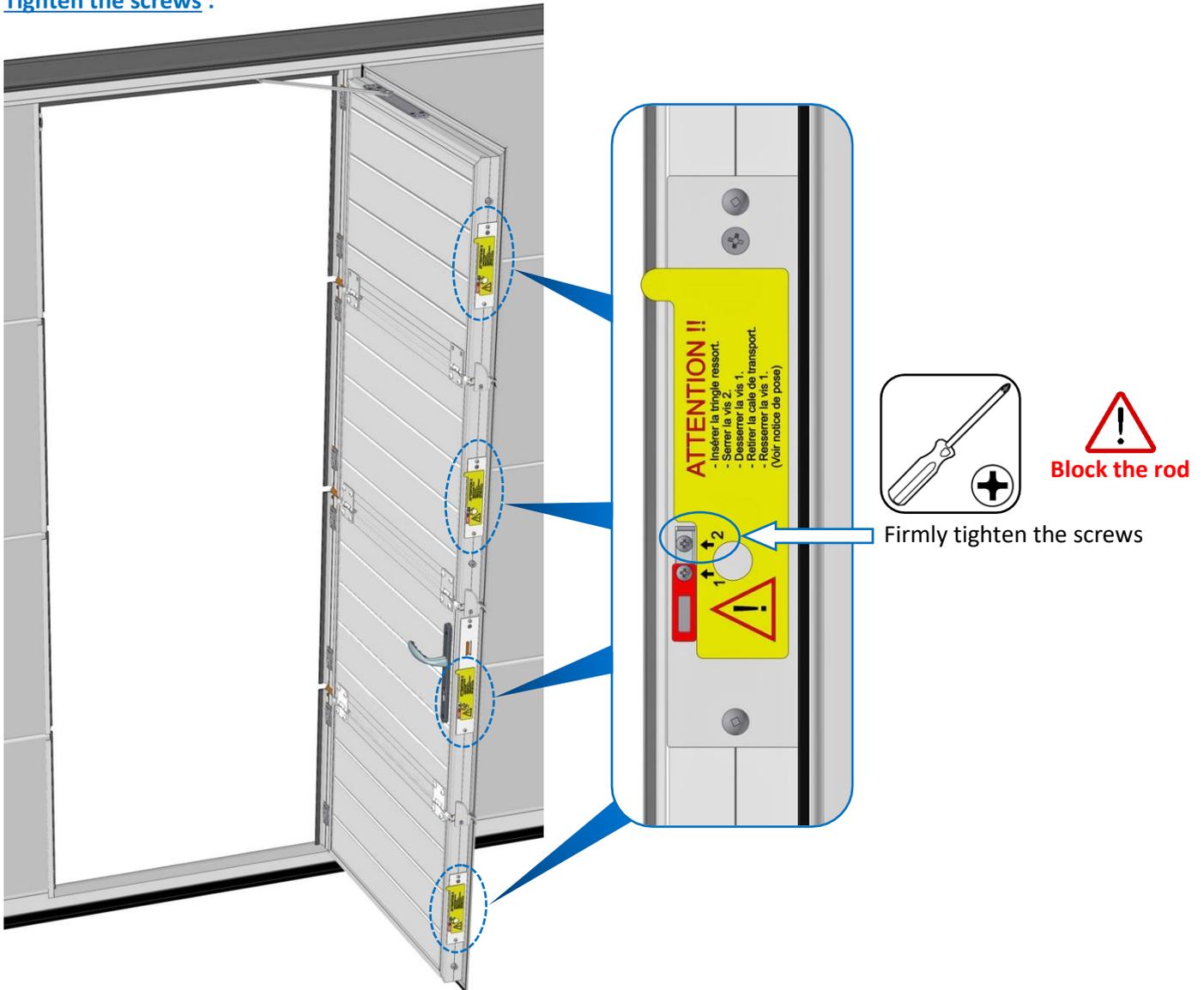
### Mark out the rod :



Insert the rod :

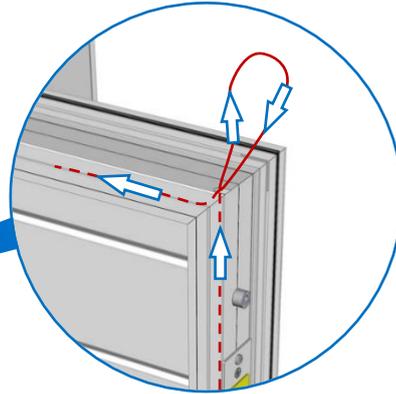


Tighten the screws :

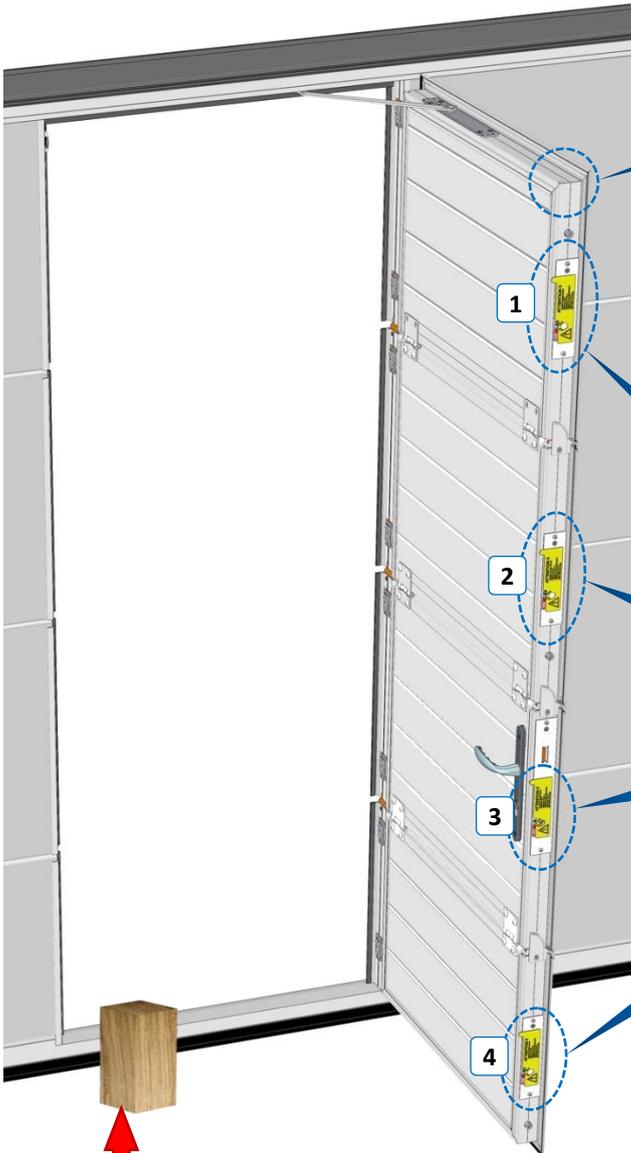




Reinsert the cable



**IMPORTANT :** For points 1, 2, 3 and 4, carry out steps A and B, for each shim.



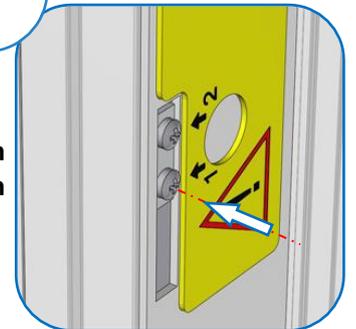
**A - Remove the locking shim**



Locking shim

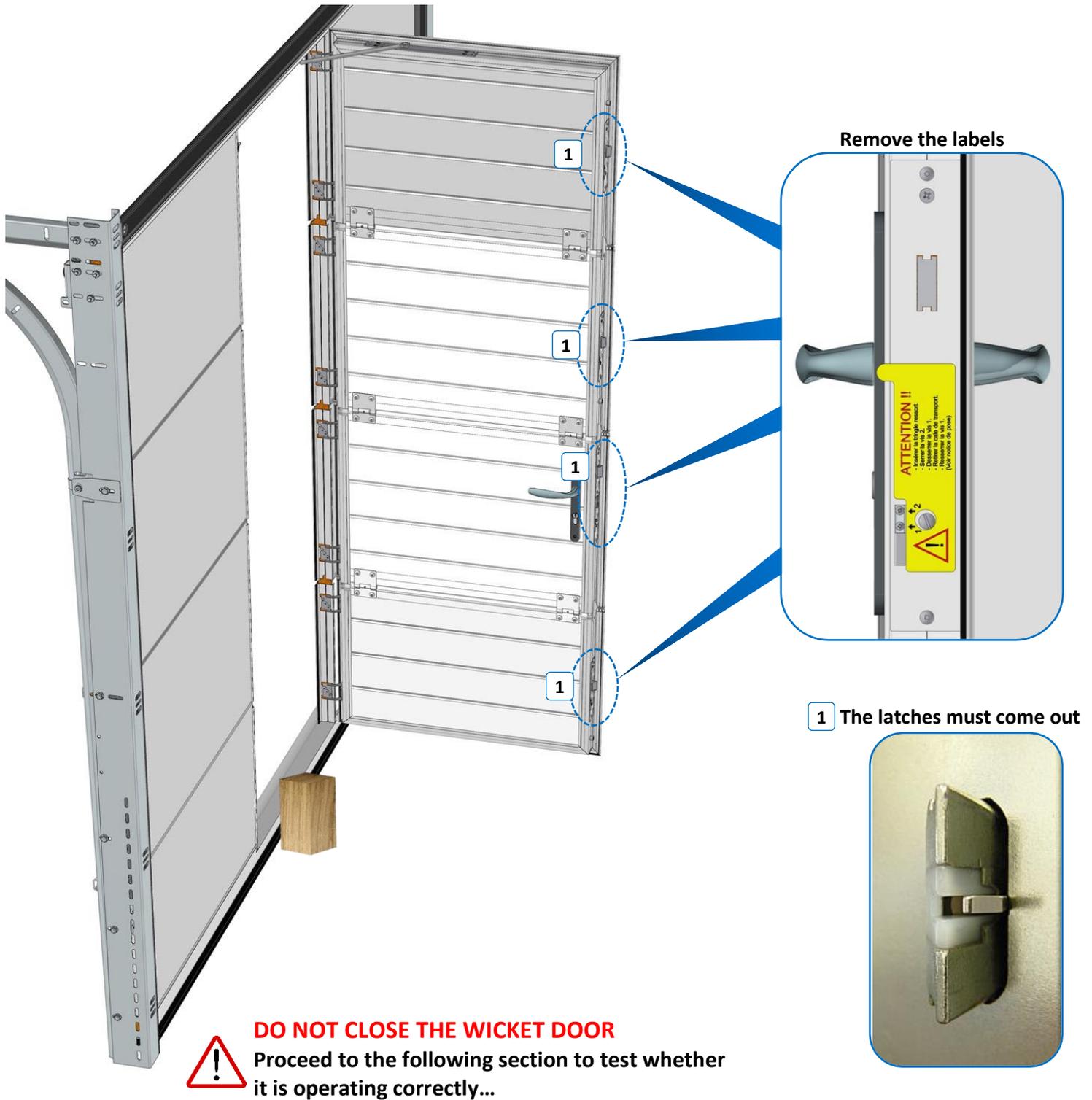
TB Phillips screw M3x6

**B - Screw back in and fully tighten**



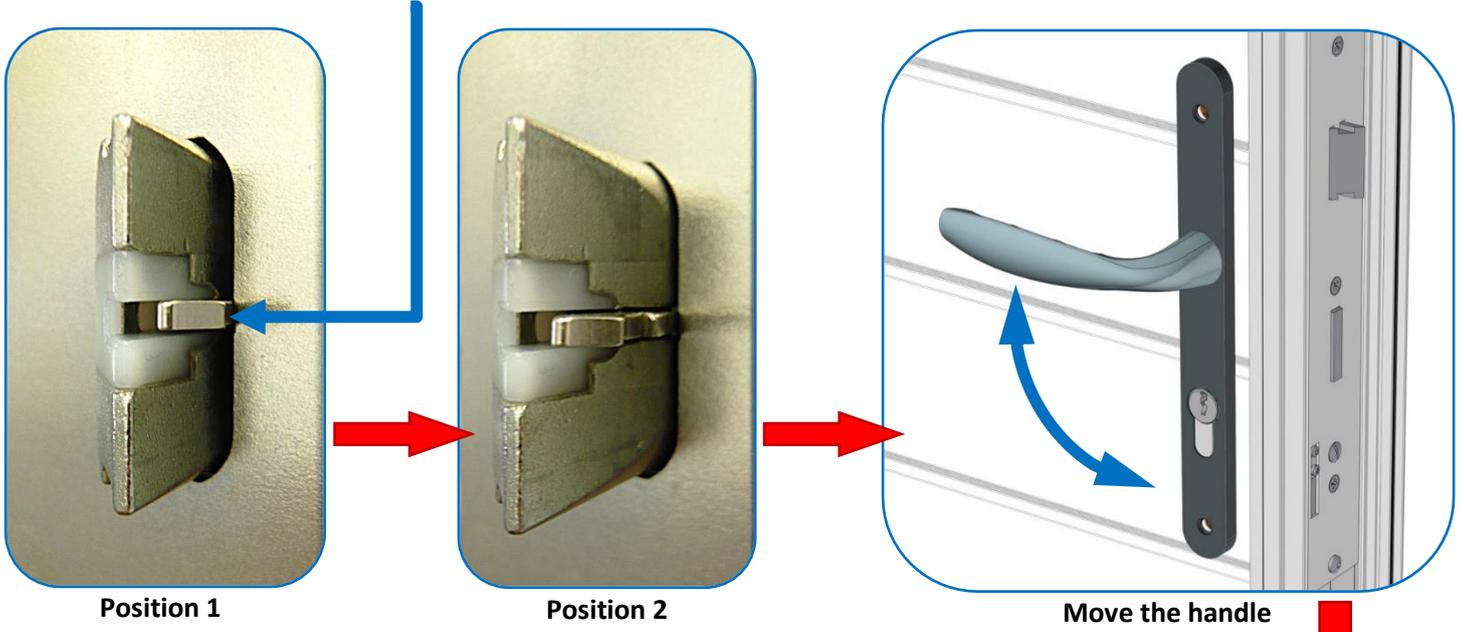
**IMPORTANT :** Place an obstacle in the wicket gate's path, to prevent its closure. Leave it there until completing the « box operation tests ».

## Activating the lock



### Box operation test

• **Test 1 :** For all boxes, press the release mechanism, the latches must come out at **POSITION 2**.



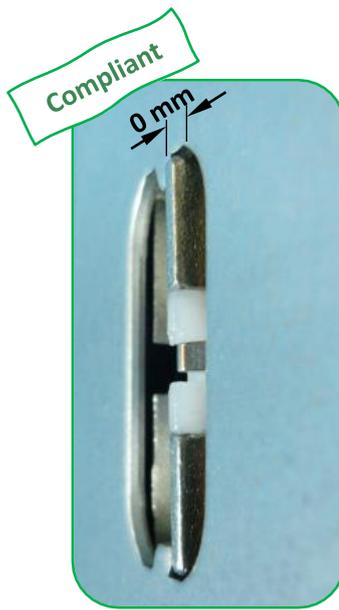
**IMPORTANT :**  
All the latches must go in and come out simultaneously and then return to **POSITION 1**.

Repeat the test 2 to 3 times...

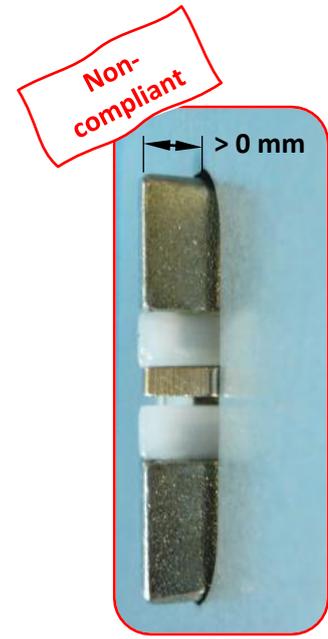
• **Test 2 :**



Move the handle and hold it down



The latches must be flush



**!** If latch > 0 mm, go to « Tip test 2 »

**!** If the latches are not all functioning correctly, do not shut the wicket door, call Customer Services.  
**IF YOU SHUT THE WICKET DOOR, IT WILL BE IMPOSSIBLE TO OPEN IT AGAIN.** **!**

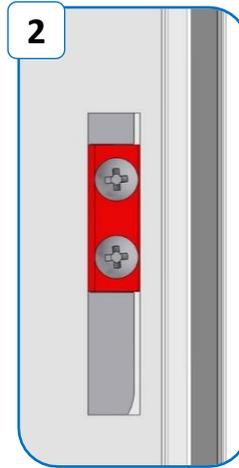
## Tip test 2

If one or all of the latches are not flush, follow the procedure below :



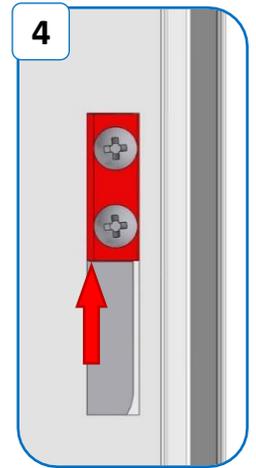
1  
Move the handle and hold it down

**IMPORTANT :**  
Throughout the procedure, do not let go of the handle



2  
Loosen the 2 screws

3  
Wedge the cable clip up as high as possible with a flat screwdriver  
please note :  
The latch must be flush



4  
Tighten the 2 screws again

Before closing the wicket door, check that the latches are flush when holding the handle down.

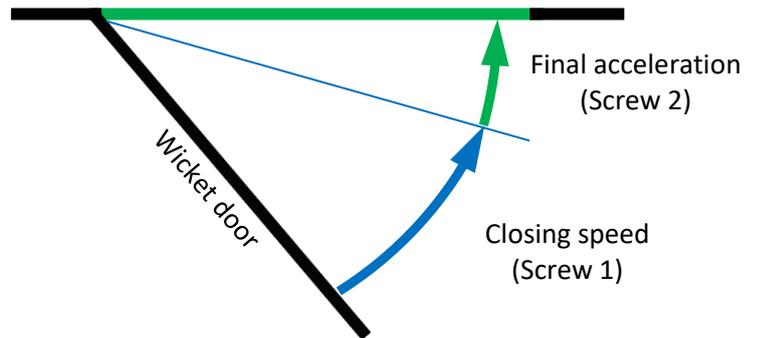
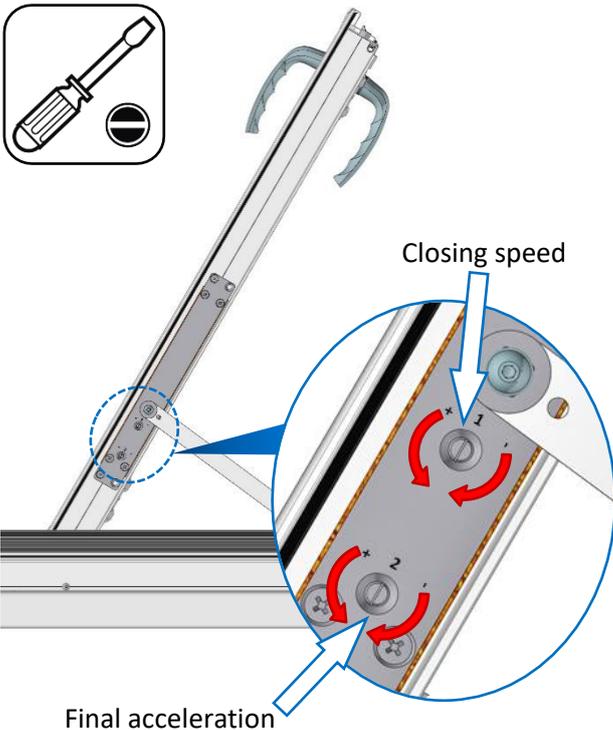
**Please note :** If the wicket door becomes stuck after closure, refer to the « Solution » section on the following page.

If necessary, check and tighten the centralizers again.



## Adjusting the door closure

Adjust the settings, if necessary :



**Please note :** If there is not much space (wicket door/header) at the top, use the flat Allen key provided.



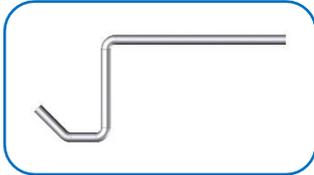
**Solution « if the lock is stuck »**

**⚠ Depending on the specific case, it may be necessary to cut the spring rod between the panels.**

**Identify the blocked part inside :**

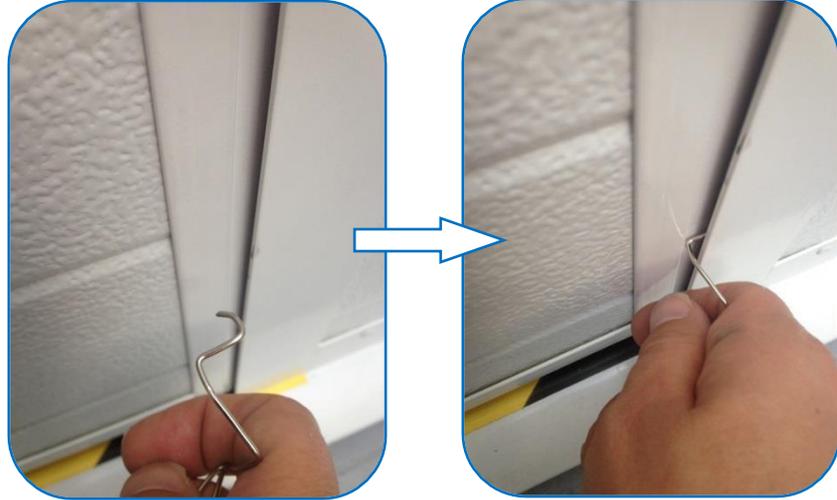
Lower the handle and gently push the door on each panel to identify the blocked area.

**Make the hook**



Actual size

**Slide the hook into the opening of the wicket door (lock side)**

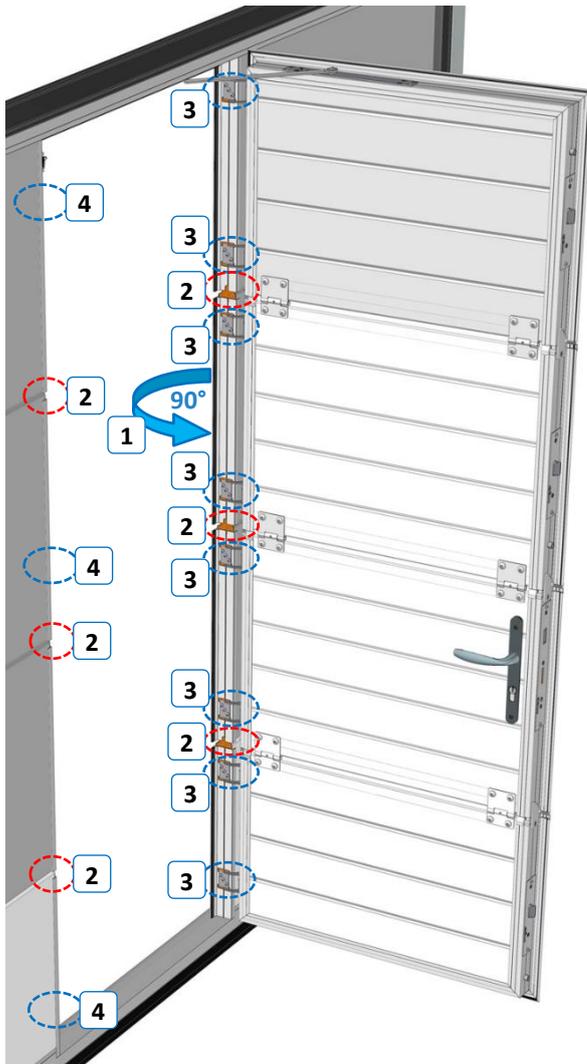


**Then carry out the steps below, to hook one of the locks while holding the handle down.**



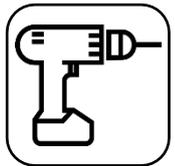
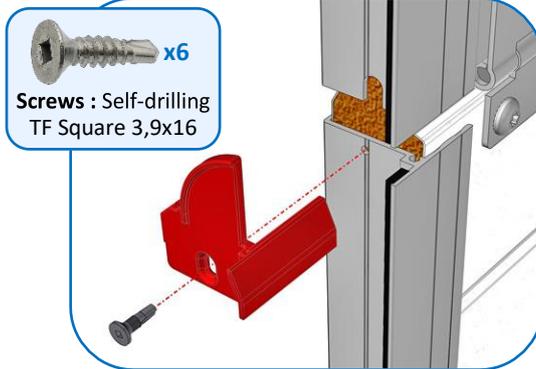
Once open, return to the : **Box operation test** section and **set the latches correctly by following the test steps.**

## Finishes : Plugs, split hinges and strike plates



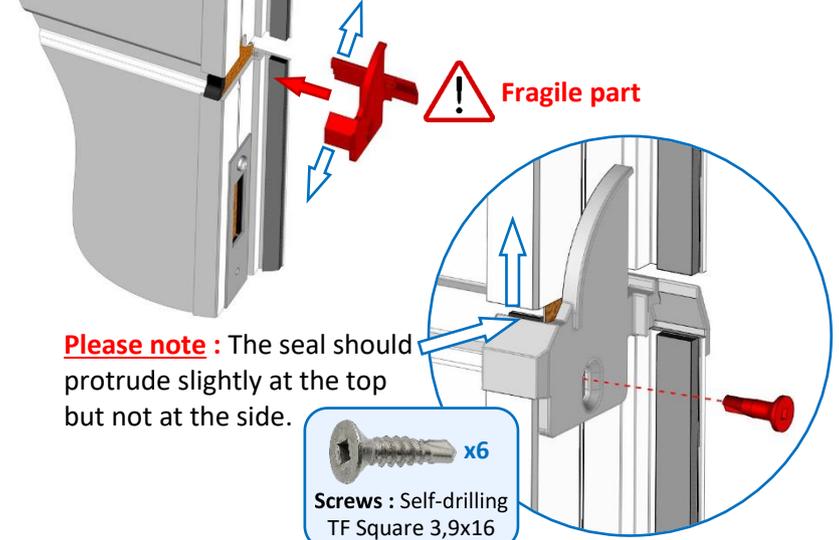
### 2 PLUGS

Assemble them on the frame profiles



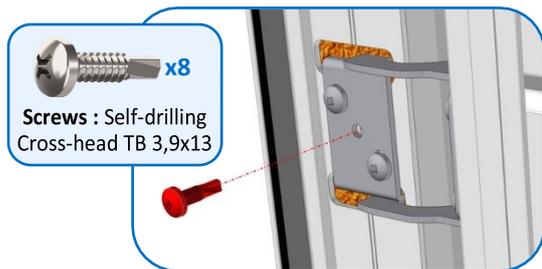
### 2 SPECIFIC CASE PLUGS : Single-grooved panel

Move the guides away slightly

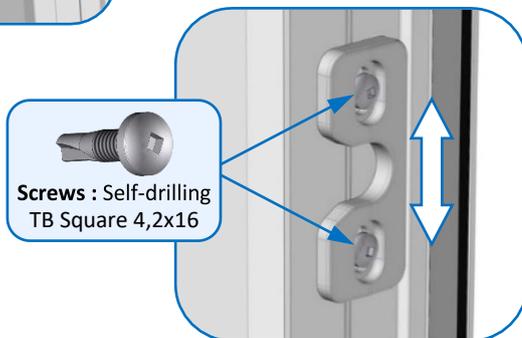


**Please note :** The seal should protrude slightly at the top but not at the side.

### 3 SPLIT HINGES



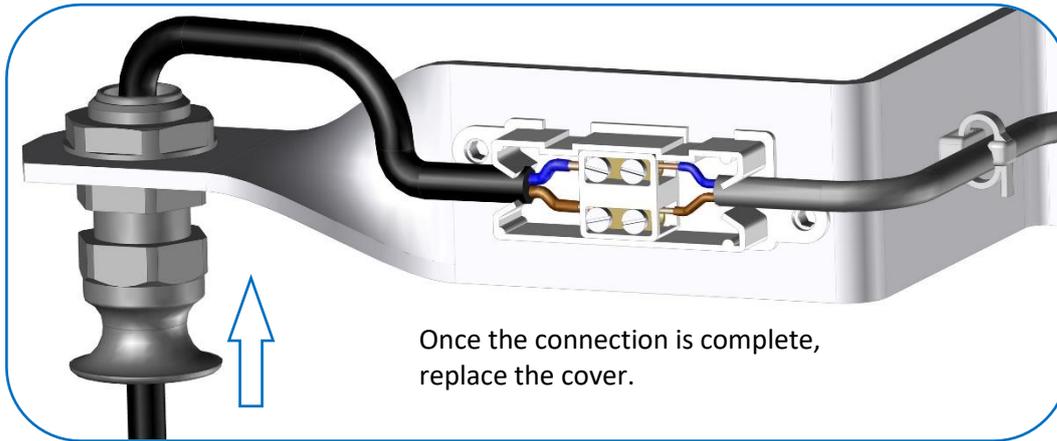
### 4 STRIKE PLATES



Tighten the screws so that the strike plates move slightly. Close and reopen the wicket door ; the strike plates will move into position. Fully tighten the screws.

Once installation of the shutter, after testing the opening and closing of the wicket door, remove the shims under the threshold.

### Connecting : Safety micro switch to the INDUS SE1i or SE3i operators

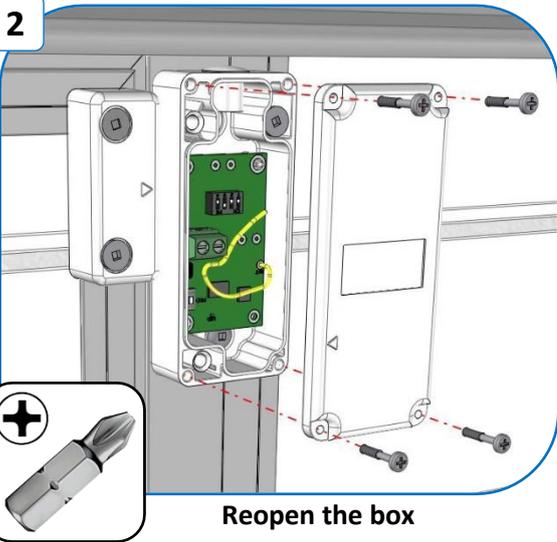


Once the connection is complete, replace the cover.

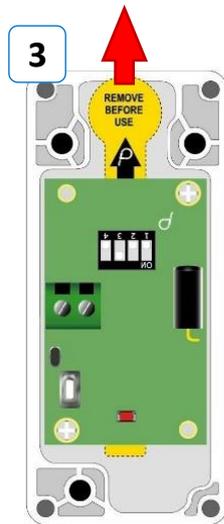
For connection of the operator, refer to the operator installation manual.

### Connecting : Safety contact radio to the OP'Drive or Pro+ operators

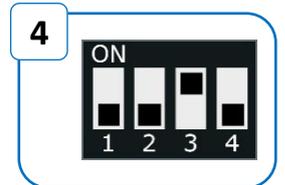
1 For connection of the box, refer to the operator installation manual.



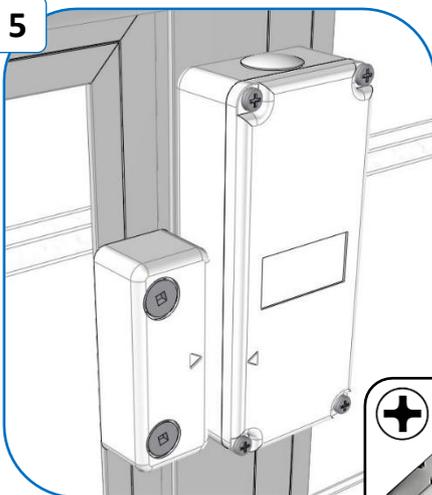
Reopen the box



Remove the battery isolator



Check the position of the switches



Close the box



The contact radio is programmed at the factory. It is ready to use.

**Please note :** In case of failure, refer to the transmitter documentation.