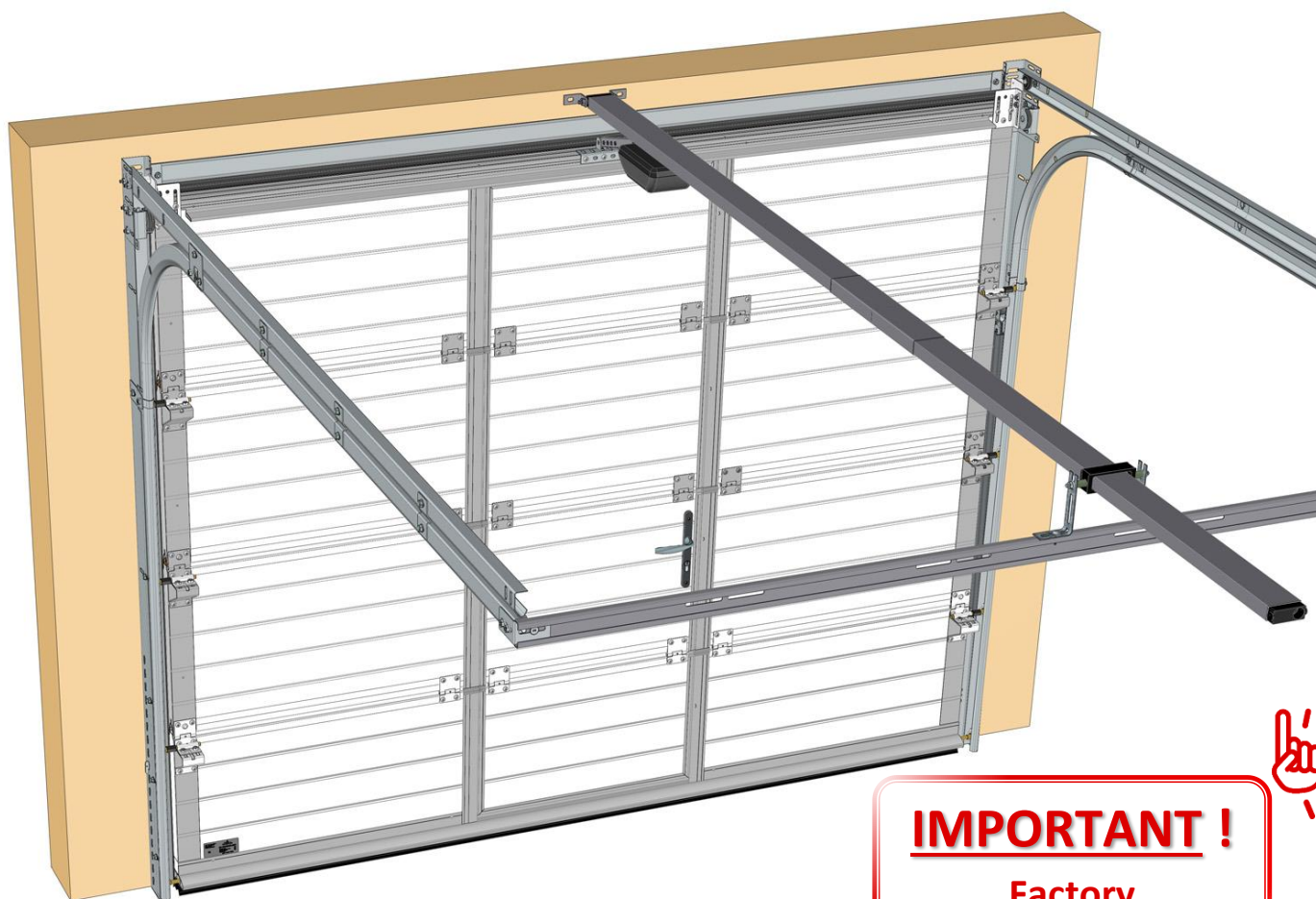# LA TOULOUSAINE

Manual
No. 7042

INSTALLATION

Residential garage doors
Manual or Motorised

RE100 with Wicket door
with reduced 30 mm
or standard 60 mm threshold

IMPORTANT !

**Factory
pretensioned springs**

(Document reserved for installers)

Contents

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 BS EN 13241:2003+A2:2016.
  In this case, a " Modification/Transformation " file must be created by the installer as per the standard BS EN 12635 :2002+A1 :2008 annex C.

- Considerable force is exerted by the extension 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.
  Indeed, non-authorized persons such as 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 BS EN 13241:2003+A2:2016 must be met and verified, if necessary.

Max. tightening torque :
Assembly screws = 10 Nm
Panels mounting screws = 12 Nm

Min. working load per attachment point :
Rails = 40 daN

Before installation

Required equipment
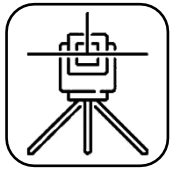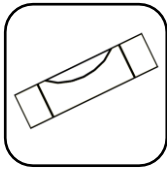
Laser level	*or* Spirit level	Clamps	Plumb bob	Tape measure	Utility knife	Electric screwdriver
Sockets 10 - 13	Cruciform bit	Flat keys 10 - 13	Allen keys 2,5 - 4	Perforator	Torx bit 30	Square end-piece SQ2
Phillips screwdriver	Flat screwdriver	Pencil	Grinder	Combination pliers	Cutting pliers	Locking pliers
Steel drill bits Ø2-4,2-4,5-10-13	Hammer	Rivet gun	Hacksaw	Silicone seal	Brush	Pot of grease
Ladder						
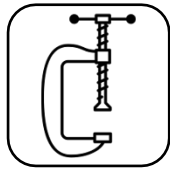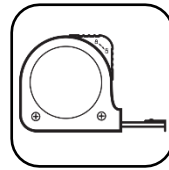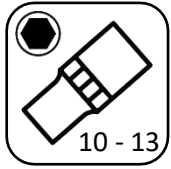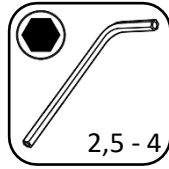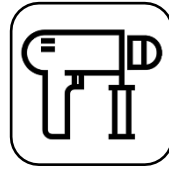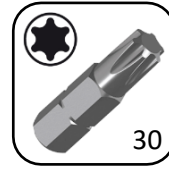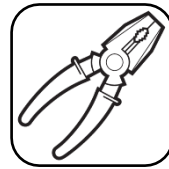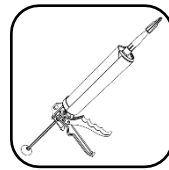
Kit contents for each door configuration/option

Kits for MOTORISED and MANUAL doors

KIS-032
x24
x4
x4

KIS-033
x12
x3

KIS-839
x2
x2

KIS-865
x2
x2
x4
x4

KIS-822
x6
x6
x2

OR

KIS-823
x1
x6
x6
x1

KIS-824 & 825
x8 and x6
x8 and x6

KIS-092
x16
x4
x4

KIS-826
x2
x4
x1
x2
x2

KIS-829
x4
x4
x4

KIS-840
x4
x4
x2
x1
x1
x8

KIS-860
x4
x2
x4

KIS-861
x2
x2
x2

KIS-830
x8
x1
x1
x2
x4
x1
x1

Kit supplied, if reduced 30 mm threshold

OR

PGN-010
x4
x1
x1

Only, if 60 mm threshold

KIS-835 or 836
x4 or x6

Kits for MOTORISED doors

KIS-028

x2
x2
x2
x2

KIS-827

x2
x2
x2

KIS-828

⚠️ **Supplied only with motor unlock lock option**

x1
x2
x1
x2
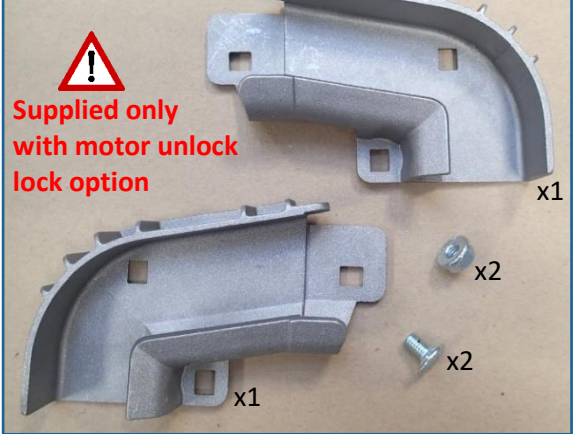
Kits for MANUAL doors

KIS-012

x2
x2
x2
x2
x1

KIS-828

x1
x2
x1
x2
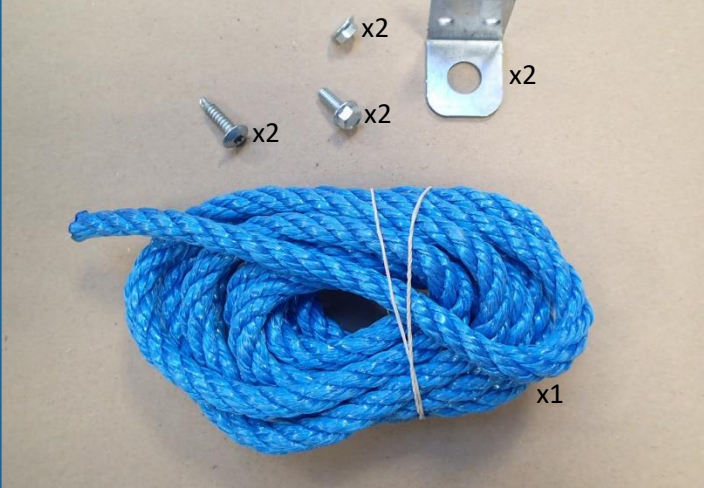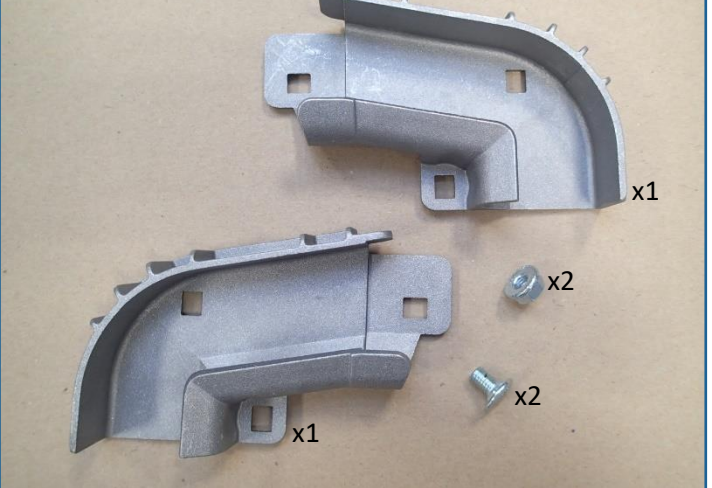
Wicket door parts

KIS-725 or 730 or 732

x6 or x9
x6 or x8
x4 or x5
x1

KIS-746

x1
x2
x1
x2
x1
x1
x1
x1

KIS-750

x4
x4

KIS-845

x1
x1
x6

If motorised "SOMFY" door

KIS-910

x4
x4
x4

KIS-915

x4
x1

KIS-760

2 screws TH M6x16

2 control stops

2 nuts H M6
notched base

EQU-031

Stop support corner
(control jig)
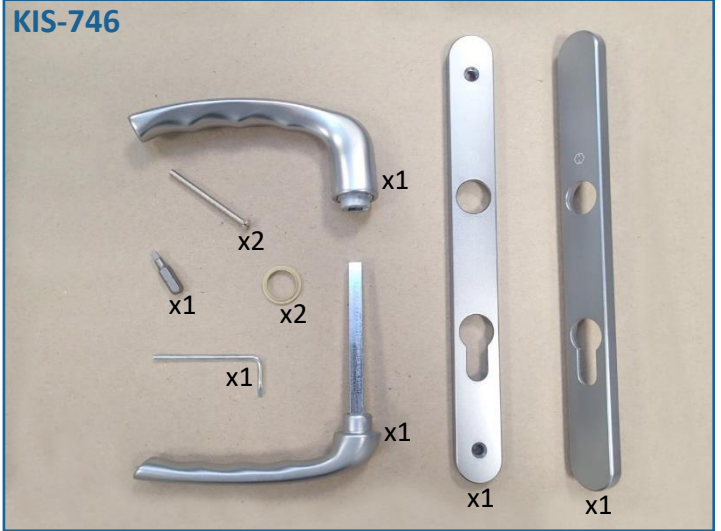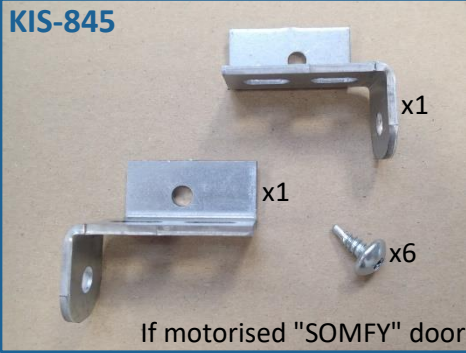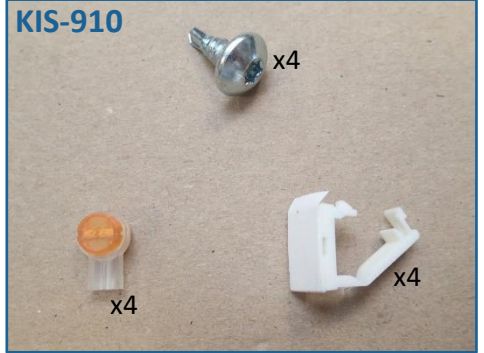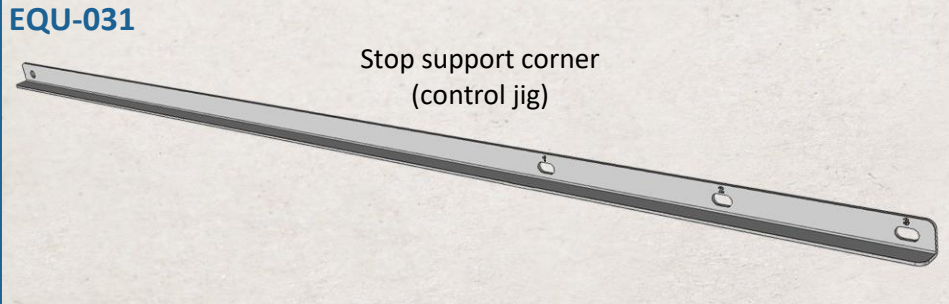
Vertical rail installation

Checking the bay

*OH : Overhead height
100 to 130 mm min., depending on operation.

OH*

Height

LR*   Width   RR*

*LR/RR : Left/Right reservations = 90 mm min.
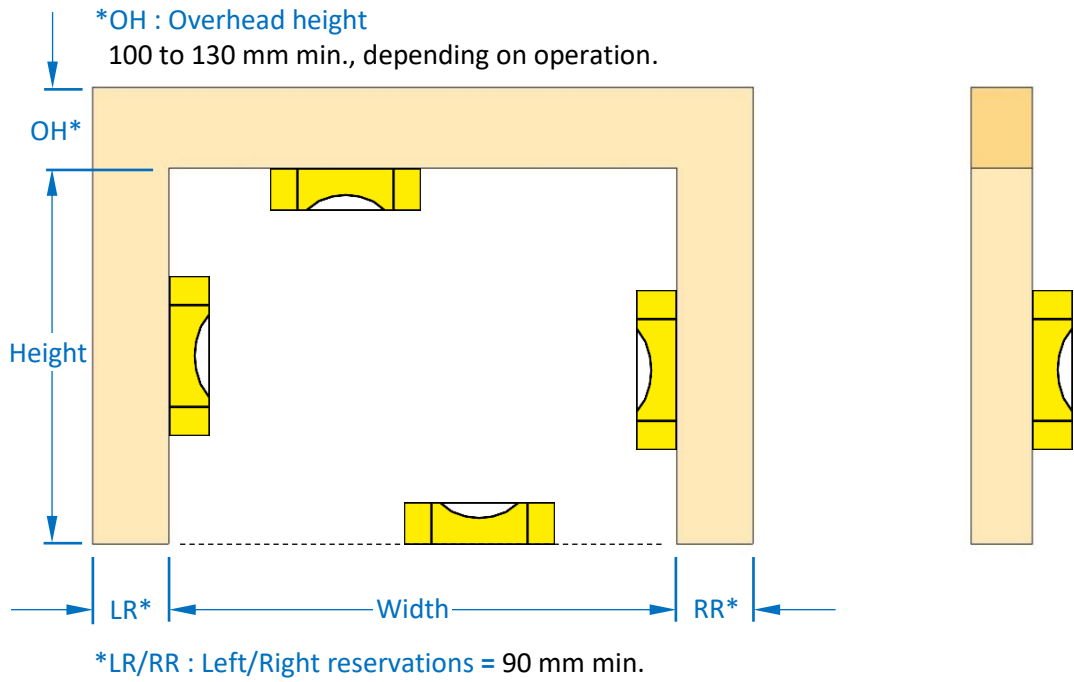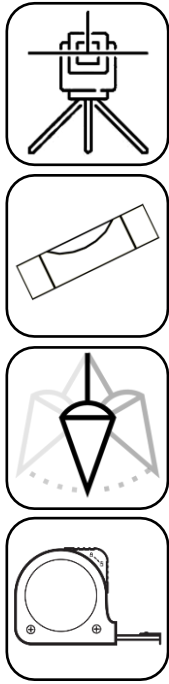
Mounting of vertical seals

**Cut the seal,
if necessary**

Clip the seal
Please note : Possibility to slide it

PH

SECURED
806471
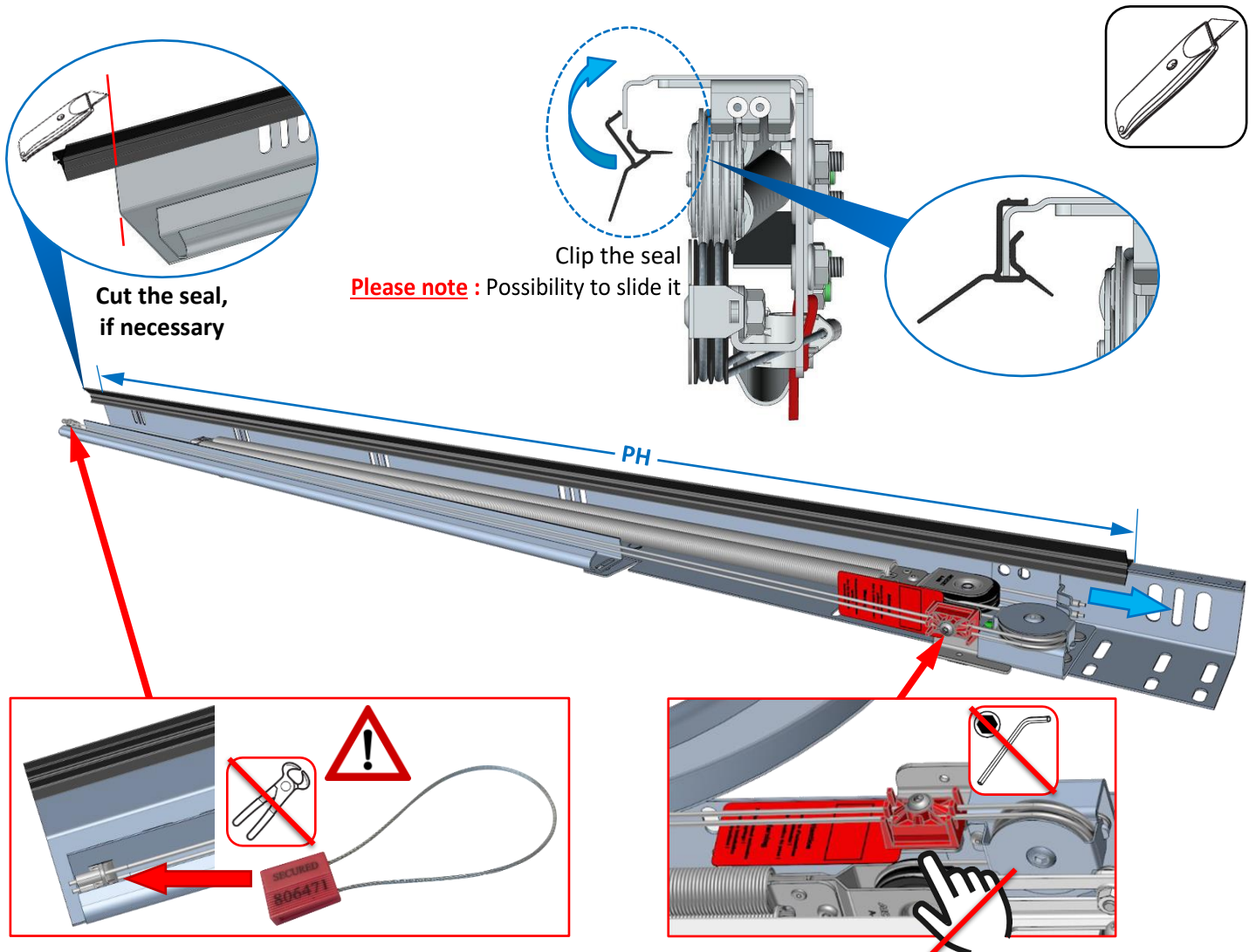
Mounting the brackets and the seal on the cross-member

⚠️ **Remove the protective film, before starting the assembly.**

Screws : TRPCC M8x12
Nuts : H M8
(with notched base)

x2

13

Clip the seal
Please note : Possibility to slide it
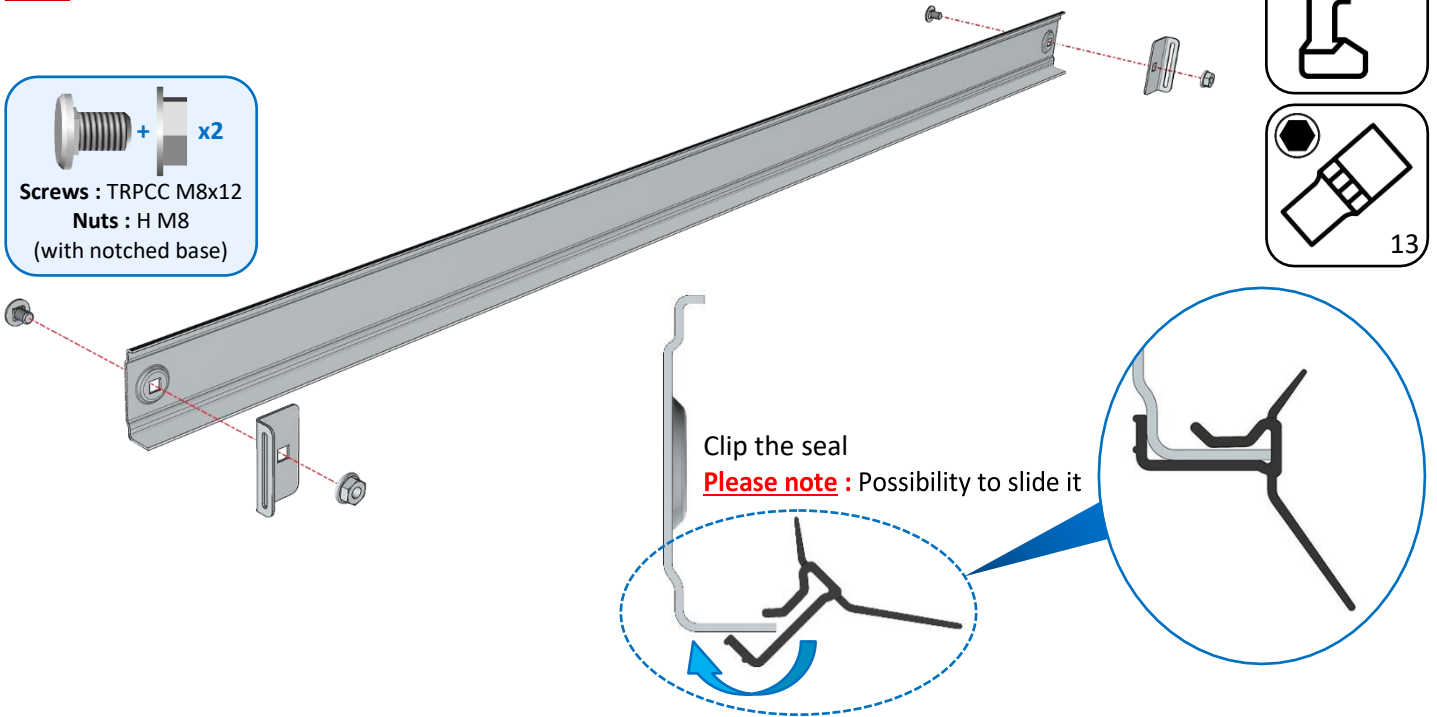
Fixing of the cross-member to the floor

Screws : Self-drilling
TB TC Pozi 3,9x13 ZN

x2

The vertical position of the cross-member will be adjusted once the rails have been mounted on the wall

Repeat the process with the other vertical rail

Layout of the frame

To be cut, after securing the rails on the wall.

Center the frame in the bay

The back bar must be in contact with the backstop

IMPORTANT : Check the gap vertical rails using the back bar.

Insert shims, if necessary

Fixing the vertical rails

Center the frame in the bay

Do not attach the cross-member to the lintel

Use the central punch for all the anchor points (use appropriate fittings to the support, not supplied).
Please note : Central punch width = 7 mm

Repeat the process on the opposite side
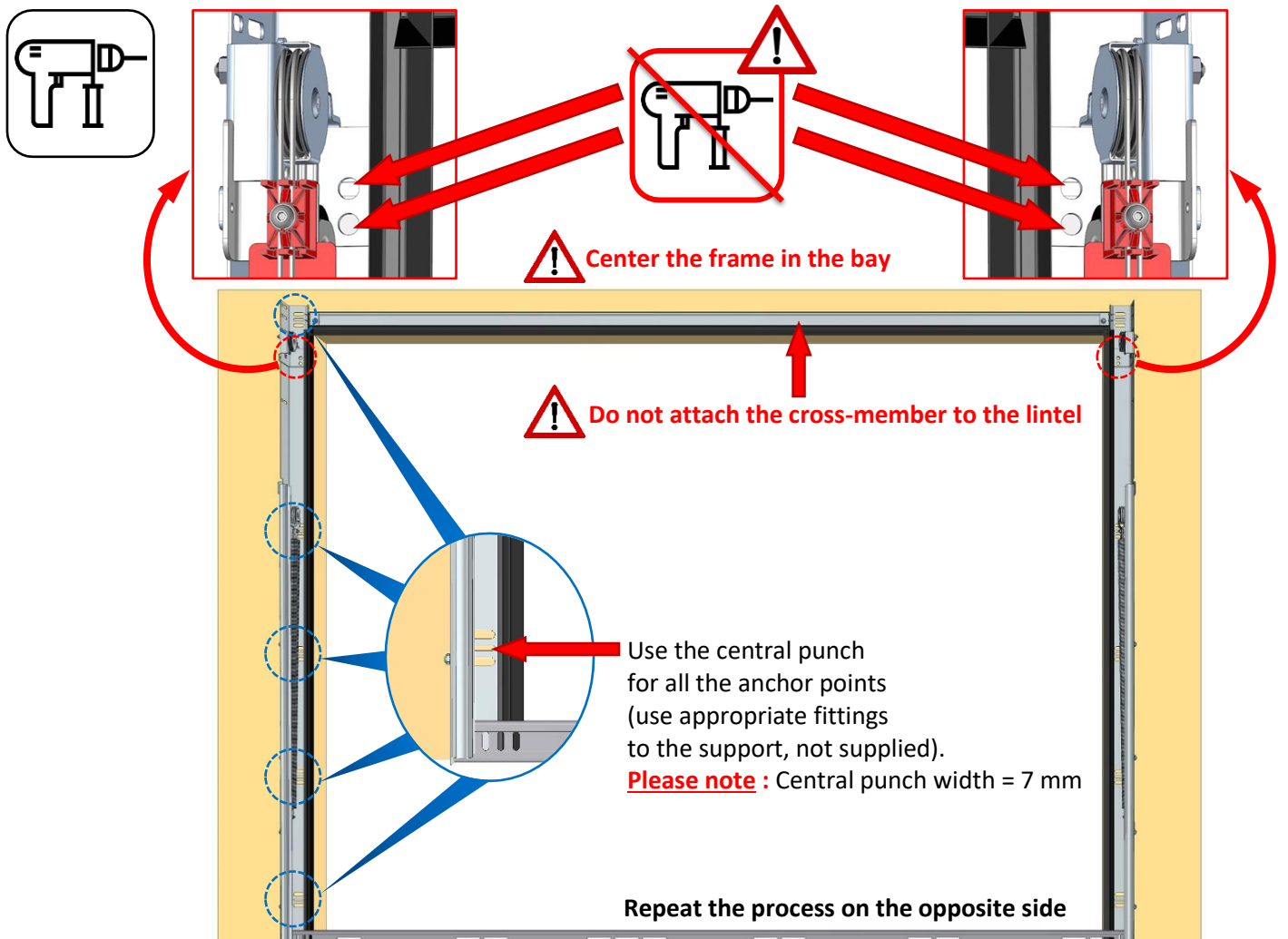
Horizontal rail installation

Mounting of the stops (motorised doors)

Rubber stop

Screw : TRCC M8x25
Nut : H M8
(with notched base)

x1
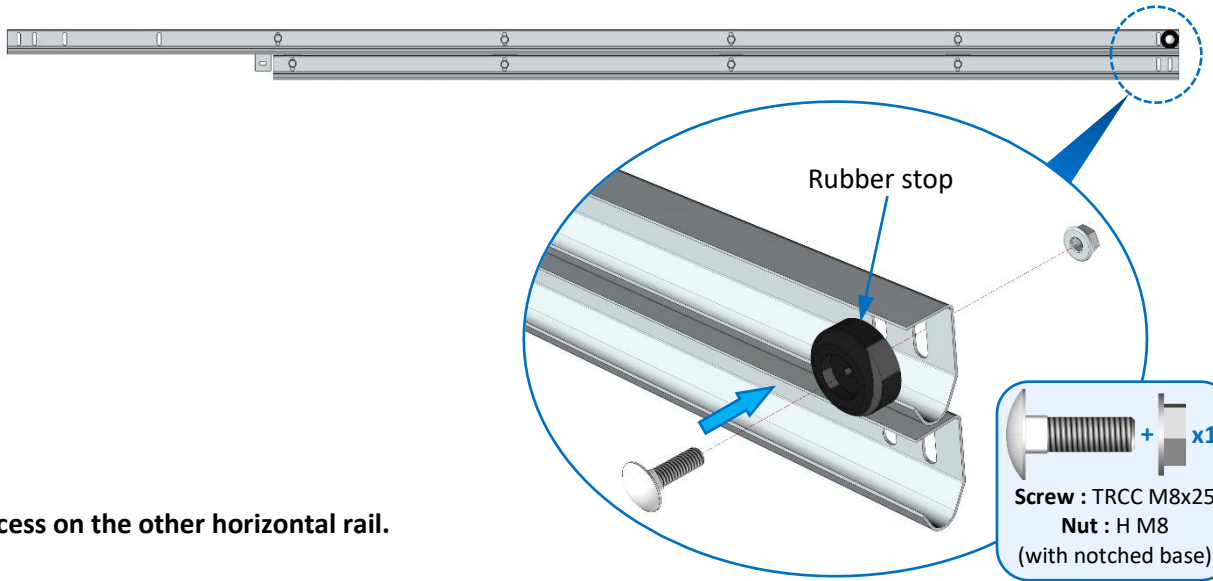
Repeat the process on the other horizontal rail.

Assembling of curves

HORIZONTAL RAILS for Motorised doors

Reversible curve

Screw : TRPCC M8x12
Nut : H M8
(with notched base)

x1

OR

HORIZONTAL RAILS for Manual doors

Screw : TRPCC M8x18
Nut : H M8
(with notched base)

x1

Screw : TRPCC M8x12
Nut : H M8
(with notched base)

x1

1 right curve and 1 left curve

Reversible curve
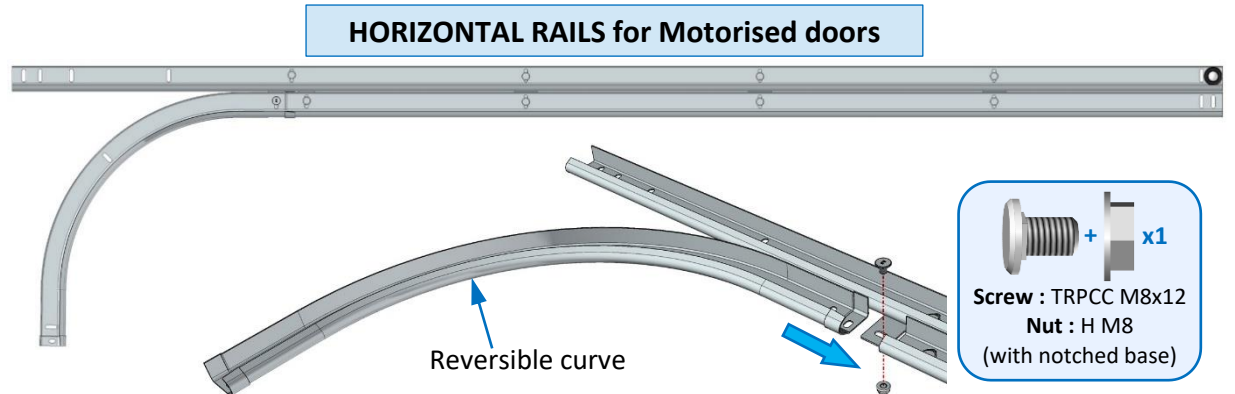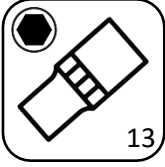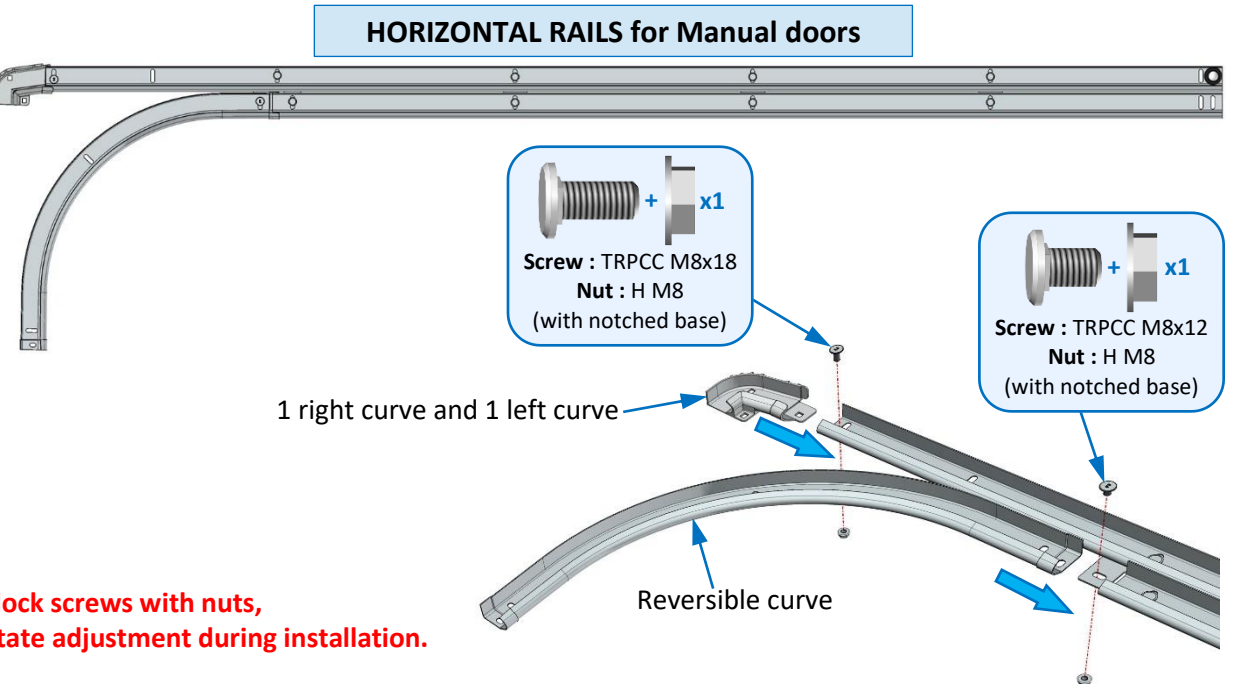
⚠ **Do not lock screws with nuts,
to facilitate adjustment during installation.**

Fixing the horizontal rails

A or B

Value 2 = Value 1

A or B

Value 1

13

A- MOTORISED door

B- MANUAL door

+ x2

Screws : TRPCC M8x18
Nuts : H M8
(with notched base)
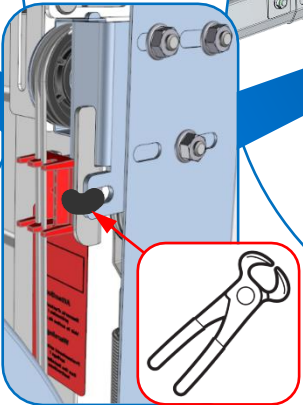
**Cut the clamp
left & right side**

+ x1

Screw : TRPCC M8x12
Nut : H M8
(with notched base)

Assembling the back bar brackets

Screws : TRPCC M8x12
Nuts : H M8
(with notched base)

x2
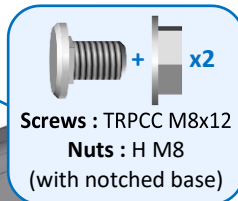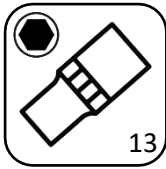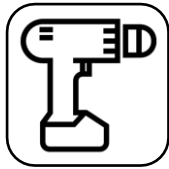
End of back bar in
contact with bracket

MANUAL door : OH < 130 mm
MOTORISED door (Sommer) : OH < 130 mm

Back bar end aligned
with end of bracket
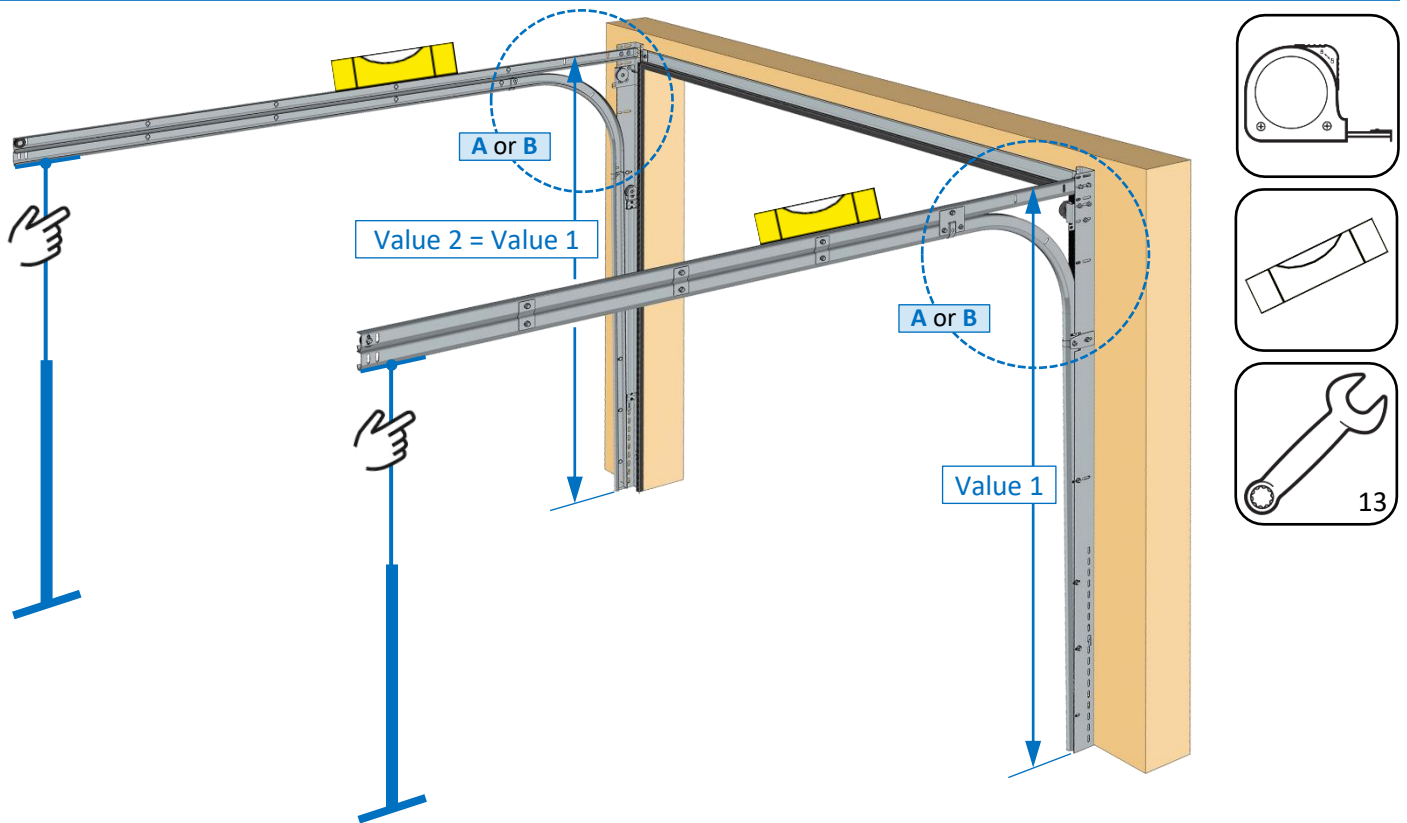
Screws : TRPCC M8x12
Nuts : H M8
(with notched base)

x2

13

Installing the back bar

Screws : TRPCC M8x12
Nuts : H M8
(with notched base)

x4

13

MANUAL door

OH < 130 mm

OH ≥ 130 mm

or

MOTORISED door

For Sommer operator only
OH < 130 mm

All operators
except Sommer OH < 130 mm

or

Installing the hangers

Do not fasten the hangers to the masonry.
Do not fully tighten the screws and the nuts.

x1

Screw : TRPCC
Torx M8x12
(notched)

Hanging bracket

30

4 hangers heights* :
X = 176 mm
X = 350 mm
X = 408 mm
X = 611 mm
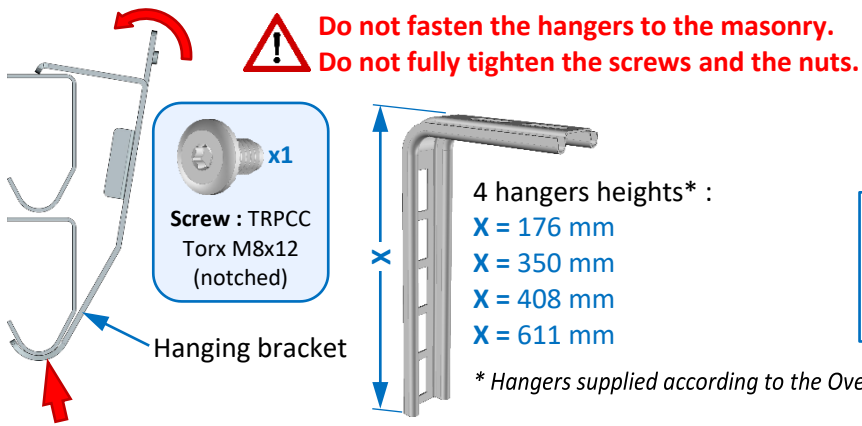
**Adapt the number of hangers
to the dimensions of the doors :**
• 2 hangers, if PW ≤ 3000 or PH ≤ 2150 mm
• 4 hangers, if PW > 3000 or PH > 2150 mm

* Hangers supplied according to the Overhead Height (OH) indicated when ordering.

Assembly : OH ≤ 115 mm	Assembly : 115 mm < OH ≤ 670 mm	Assembly : 670 mm < OH ≤ 1600 mm
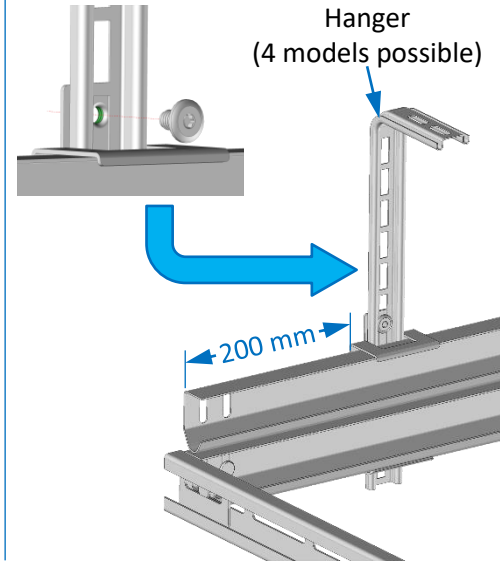
notched/flat
Washers

Bracket

Hanger
(4 models possible)

200 mm

x2

Screws : TRPCC M8x12
Nuts : H M8
(with notched base)

notched/flat
Washers

Perforated corner
length 1500 mm
to be adapted on site
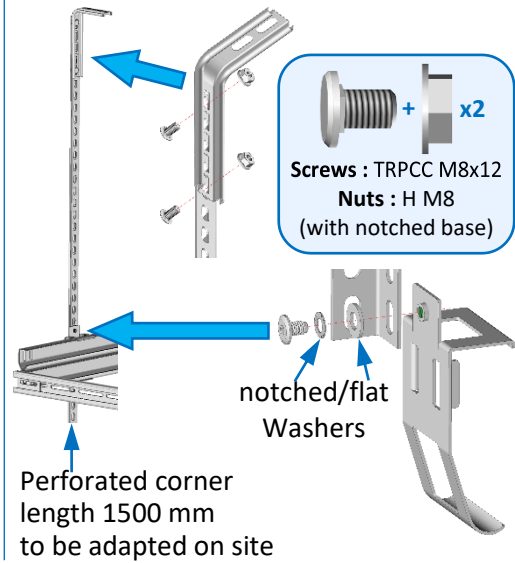
Back bar extension (option)

The hanging brackets
must always be assembled

Reservation ≤ 300 mm
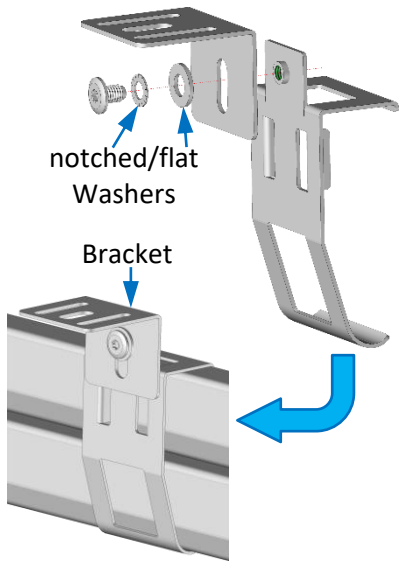
Hanger : 408 mm

⚠ **Do not block the nuts.**

C-plates

13

x2

Screws : TRCC M8x25
Nuts : H M8
(with notched base)
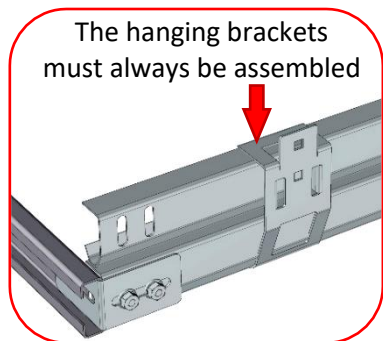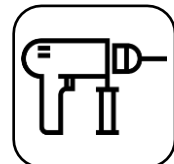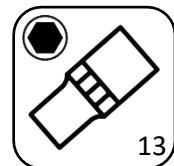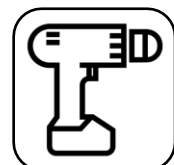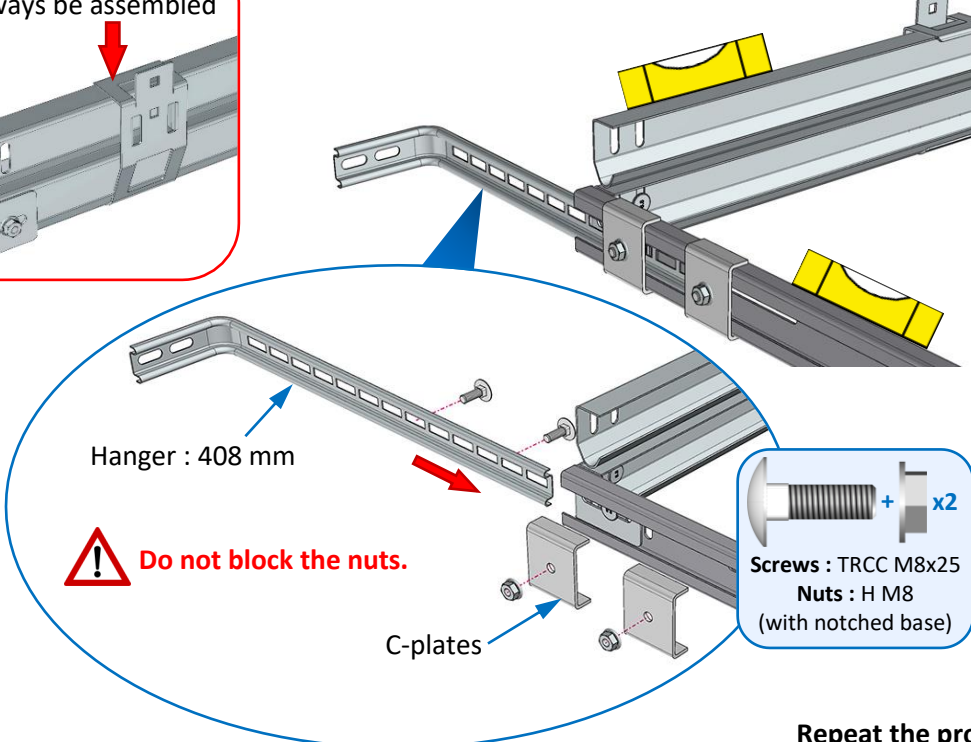
Repeat the process on the opposite side

300 mm < Reservation ≤ 1000 mm

Clamp plates

+ x3

Screws : TRPCC M8x12
Nuts : H M8
(with notched base)

Bracket

Back bar extension

⚠️ **Do not block the nuts.**
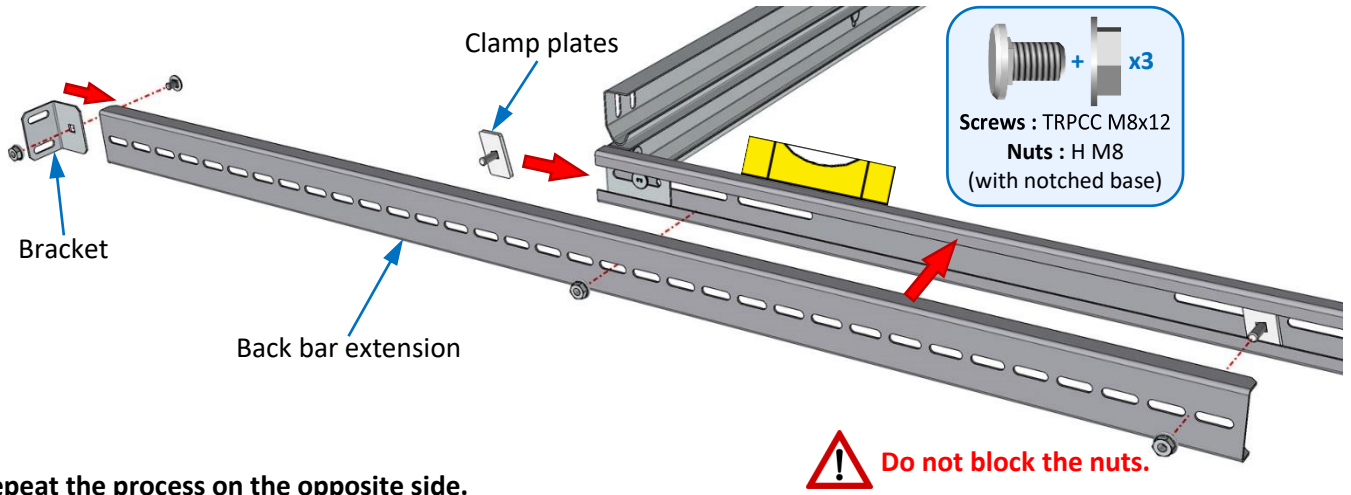
Repeat the process on the opposite side.

Checking the diagonals

13

Identical

Identical

KIT for checking diagonals,
available in OPTION

⚠️ **After "CONFIRMING" the diagonals, fix all the hangers.
In case of mounting of back bar extensions, tighten the screws.**
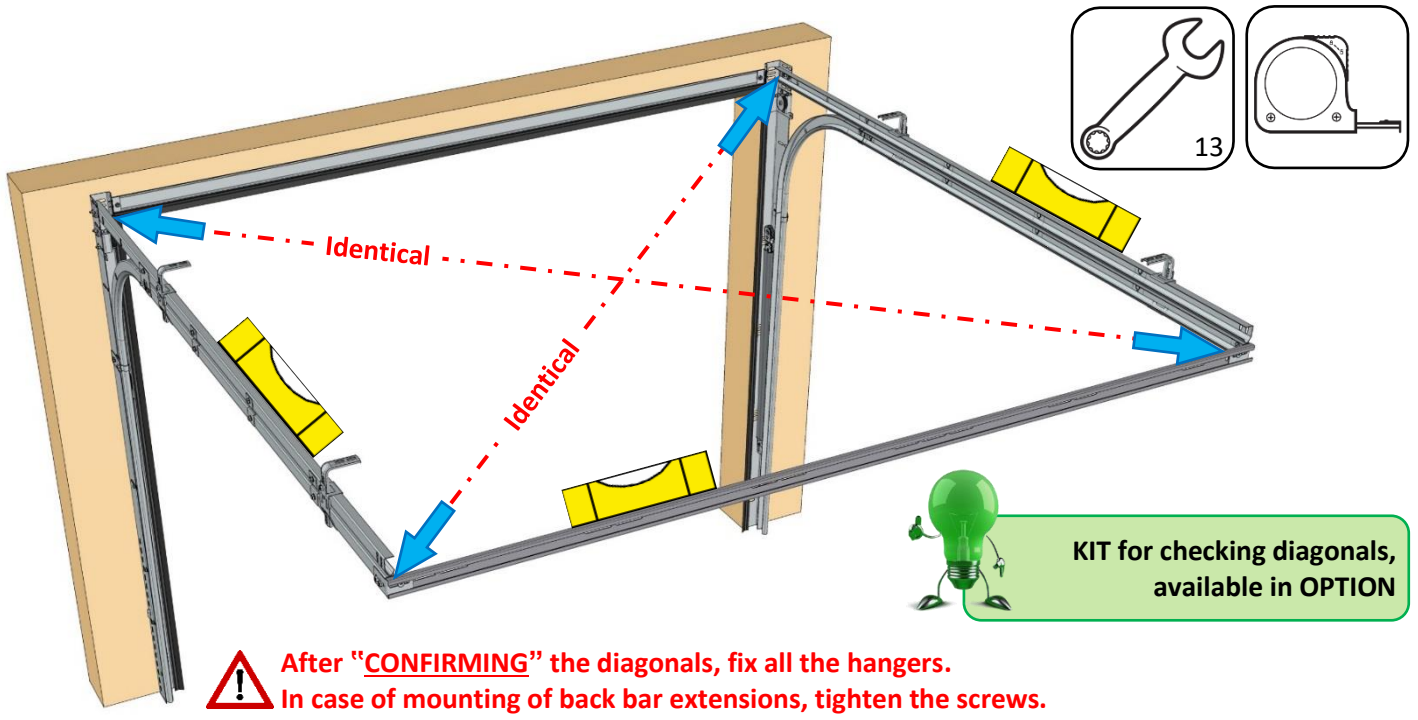
Panels preparation

Identifying the opening direction

Opening to the left

Inner side

Opening to the right

Bottom panel

x8

Screws : Self-drilling
TB Torx 6,3x25

⚠ **OPTION tandem**

OR

x8

Screws : Self-drilling
TB Torx 6,3x25

Cut the protruding seal, if necessary.

Check panels alignment

Intermediate panel(s)

x8

Screws : Self-drilling
TB Torx 6,3x25

⚠ **OPTION tandem**

OR

Ⓐ

x8

Screws : Self-drilling
TB Torx 6,3x25

Ⓐ

Check panels alignment
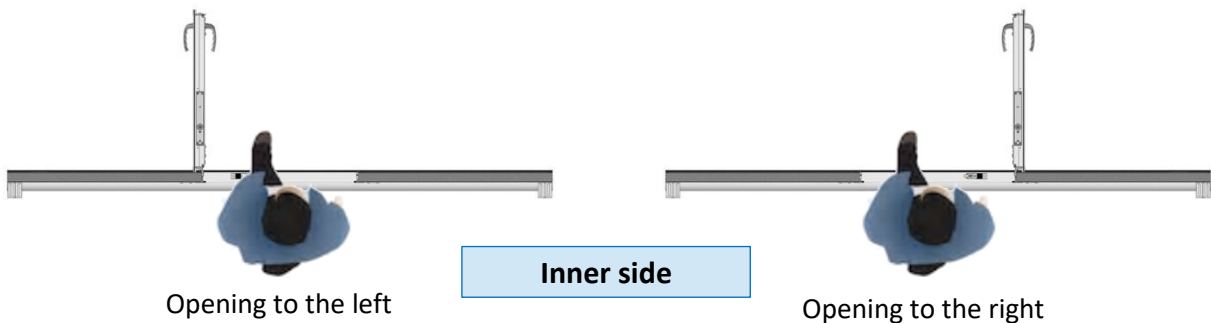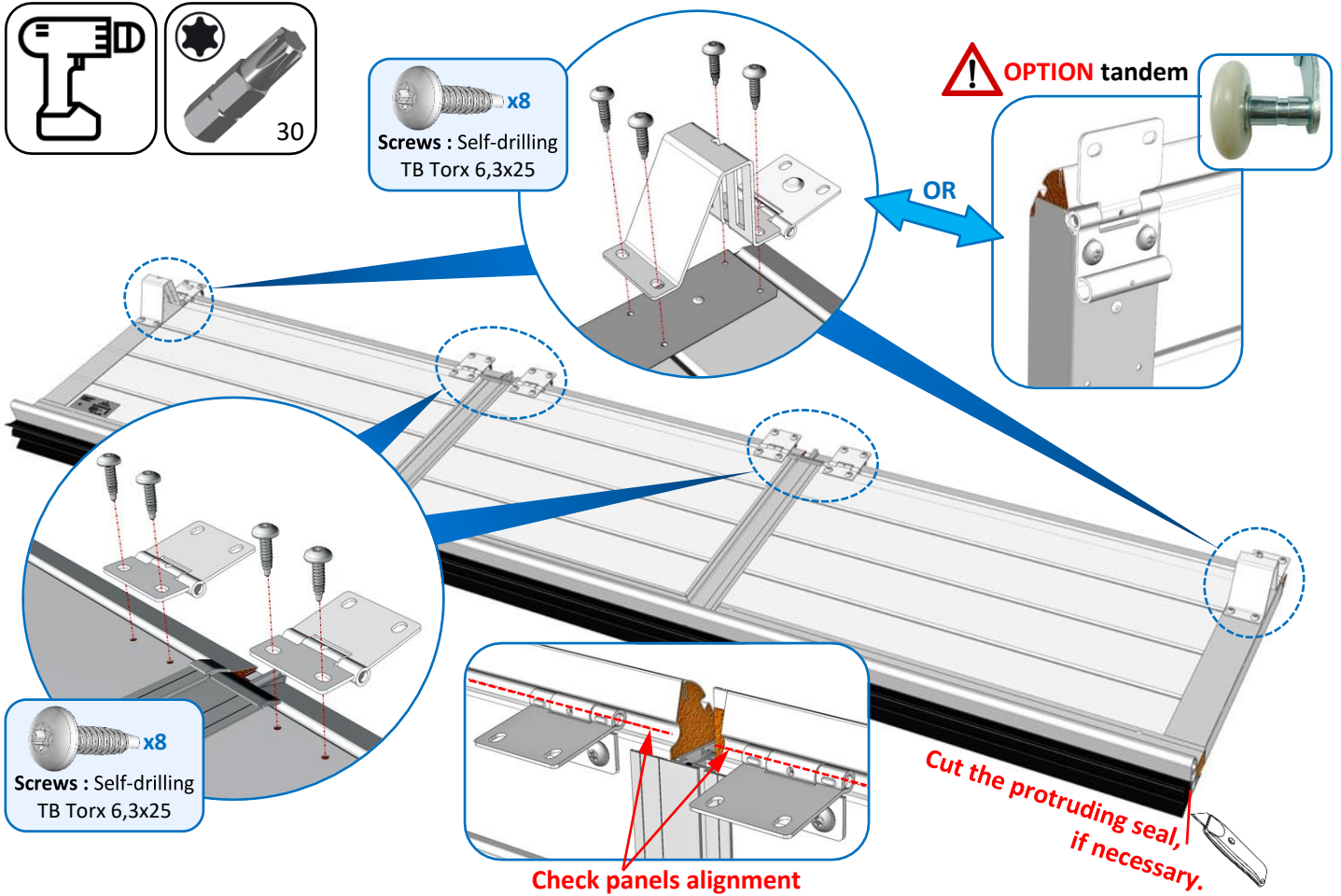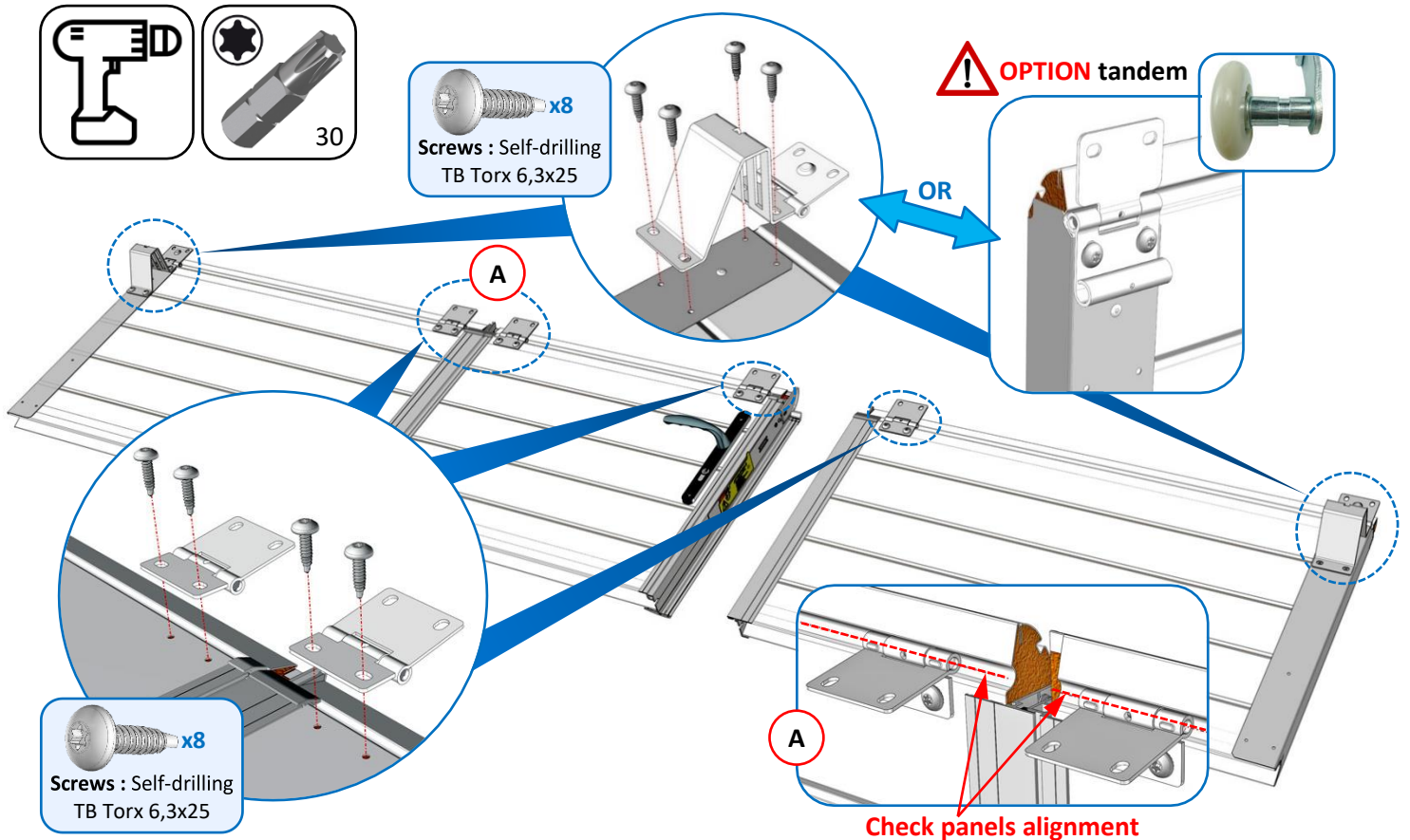
Assembling the handle and cylinder on intermediate panel no. 1 (recommended) :

⚠ **Short part of cylinder to outside of door**
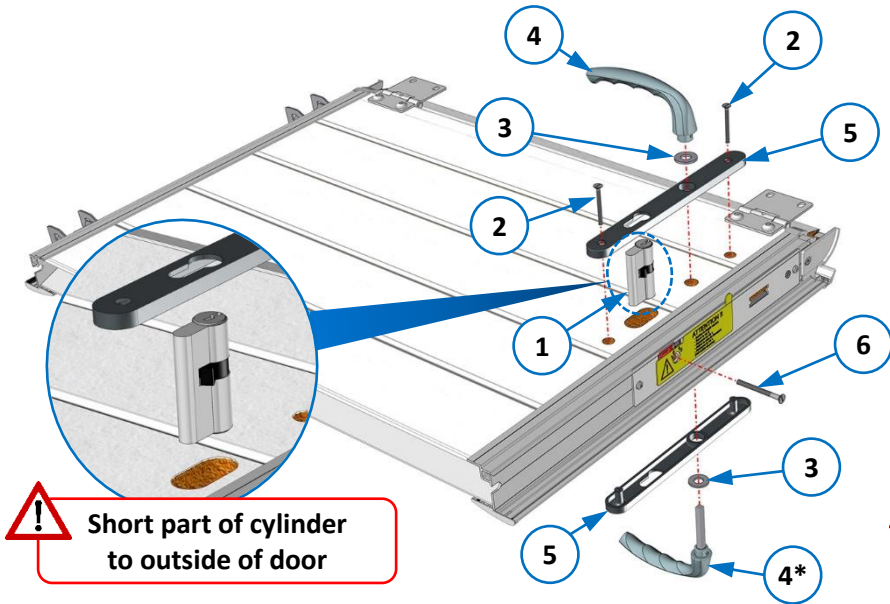
⚠ **Fix the finger plates screws on the inside of the door.**

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

⚠ **If OH ≤ 130 mm, assemble the reduced handle 4* on the outside.**

Specific case : Single-grooved panel

Align with the passage of the cylinder

Stick the block onto the external finger plate

Compress the block
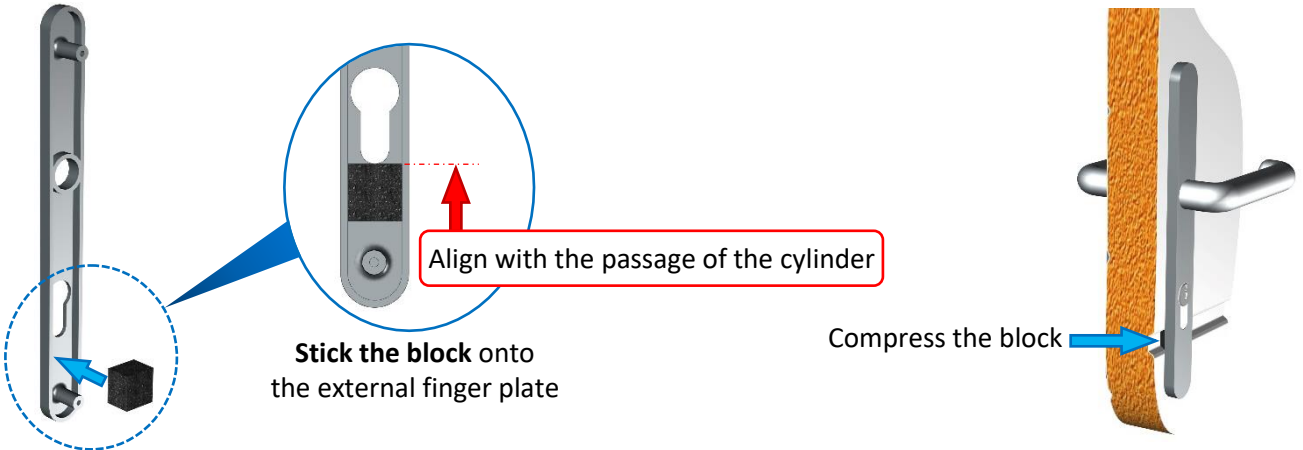
Mounting of the panels

Grease all roller shafts

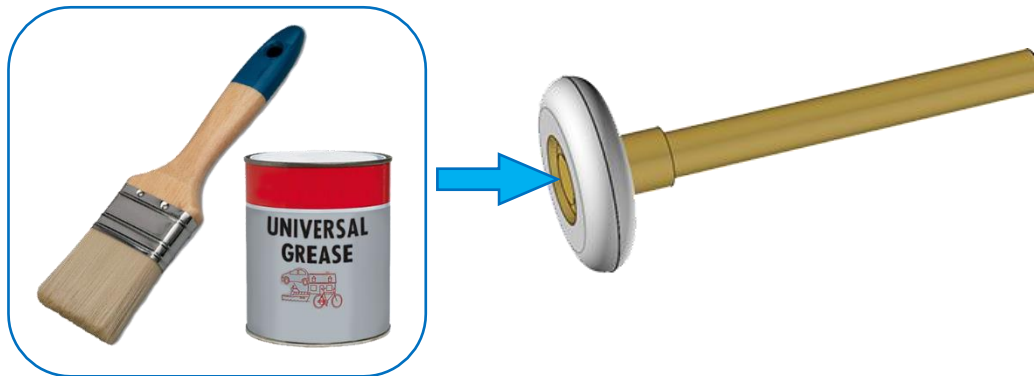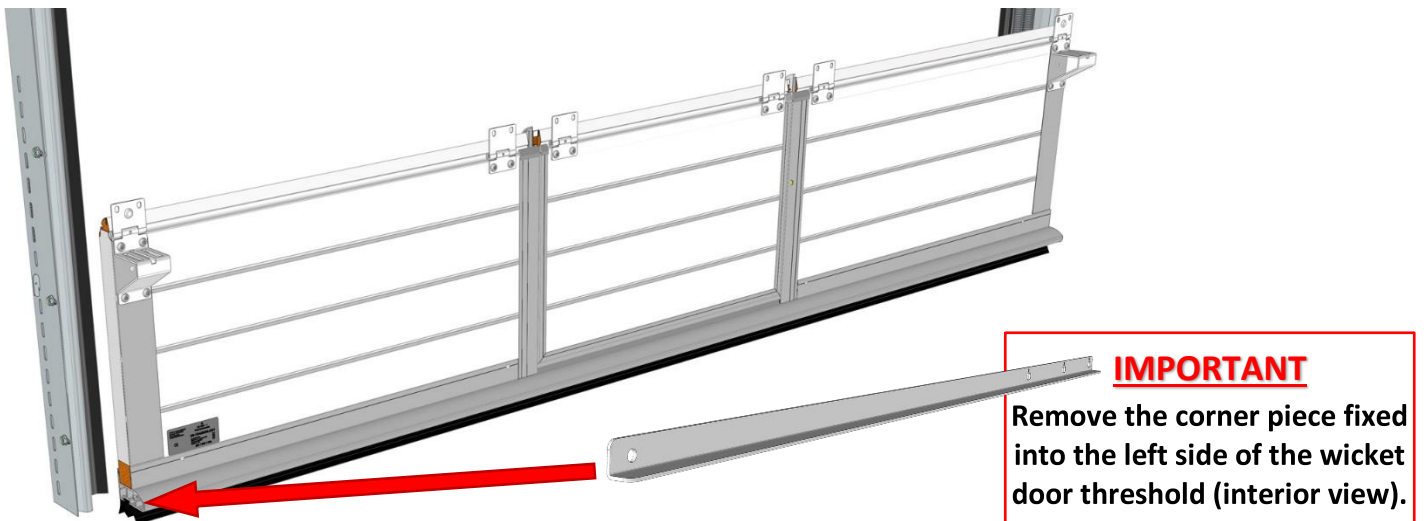## Bottom panel installation illustrated with standard 60 mm threshold
✋ Specific informations, if reduced 30 mm threshold

Position the panel in front of the rails :

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

Insert the « cable holder » and « roller » in the LEFT side of the threshold :

✋ **If reduced 30 mm threshold = Low suspension**

Cable holder
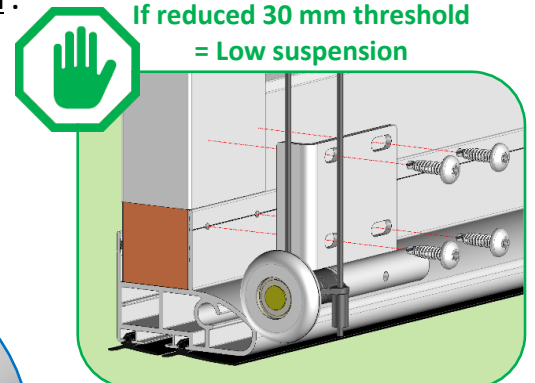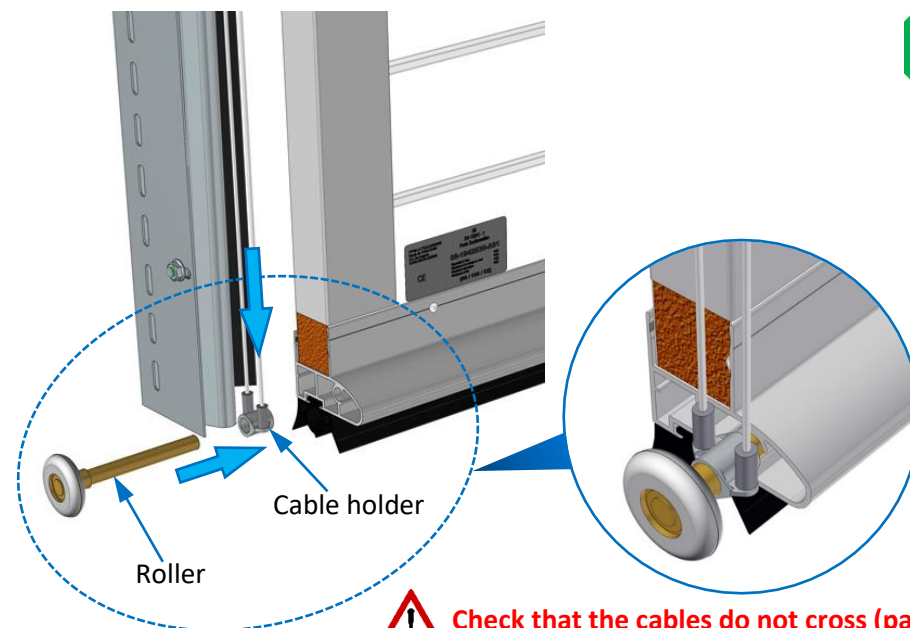
Roller

⚠ **Check that the cables do not cross (parallel cables).**

Insert the « roller/cable holder assembly » in the LEFT vertical rail :
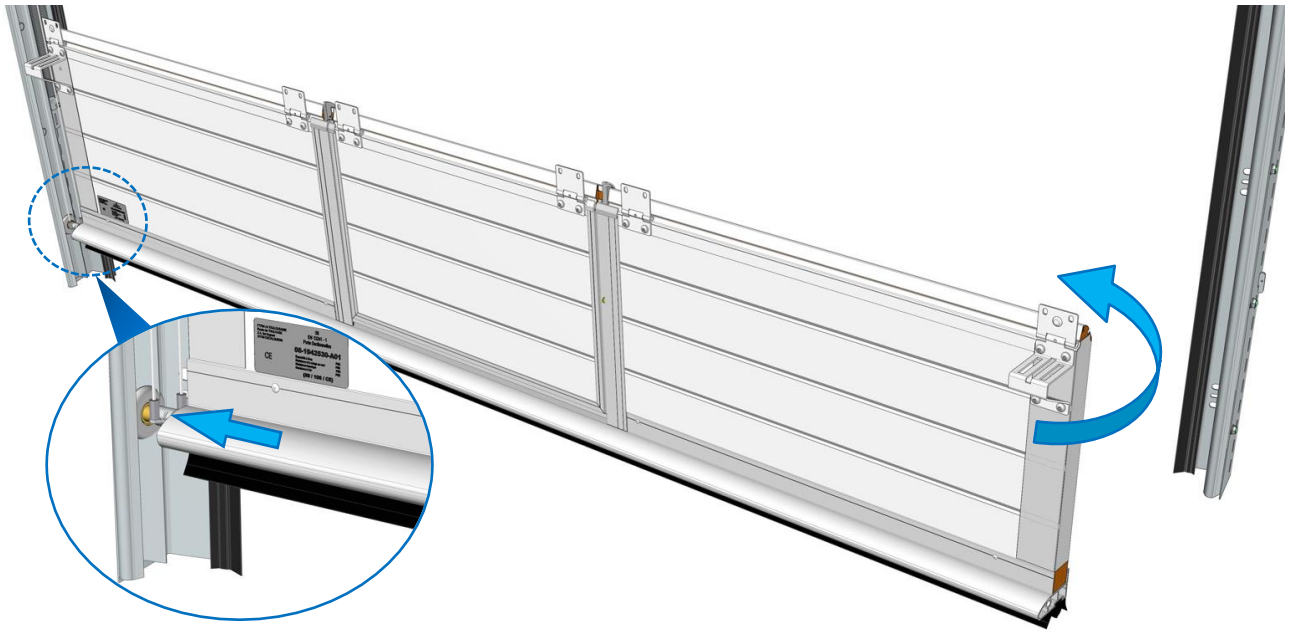
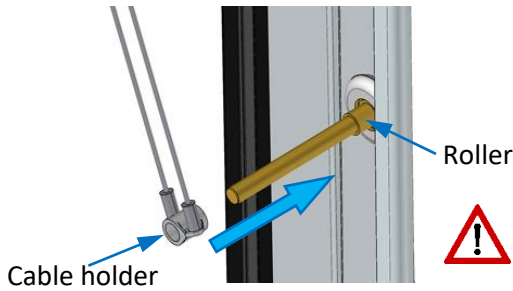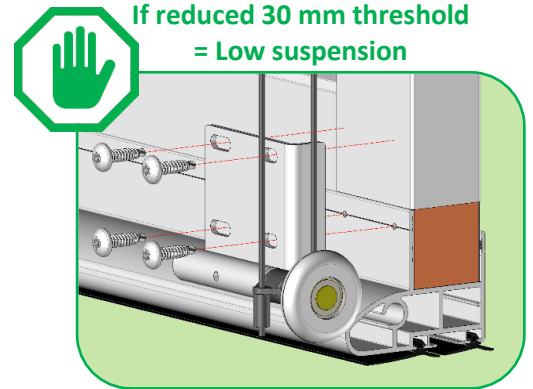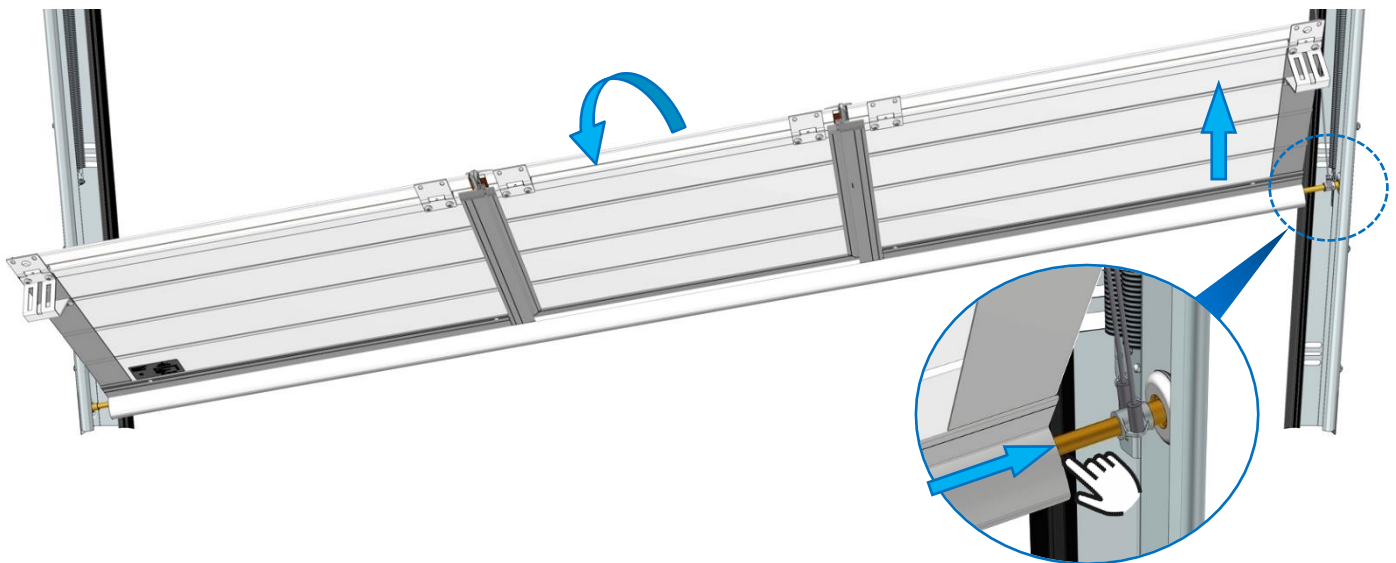**Insert the « roller » and « cable holder » in the RIGHT vertical rail :**

Roller

Cable holder

⚠ **Check that the cables do not cross (parallel cables).**

If reduced 30 mm threshold = Low suspension

Insert the « roller/cable holder assembly » in the threshold :

⚠ When mounting each panel :
Do not jam cables between panels and rails.

30   13

Insert shims and finalize the guides :

⚠ **OPTION tandem**

OR

+ x4

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

⚠ **Remove the transport strap**

⚠ **Center the panel in the bay**

Center the shim on the wicket door
= =

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

OR

Standard 60 mm threshold
= Shim height 40 mm

If reduced 30 mm threshold
= Shim height 10 mm

Please note : If the wicket door is off center, add 1 shim under the longest side.

Insert shims and check the wicket door :

1- Prepare the control jig :

IMPORTANT
The corner piece is fixed
into the left side of the wicket
door threshold (interior view).
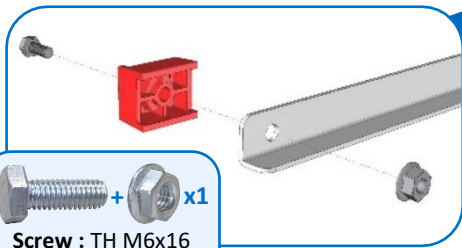
Fixed side : Assemble the stop
and fully tighten the nut.

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

x1

10
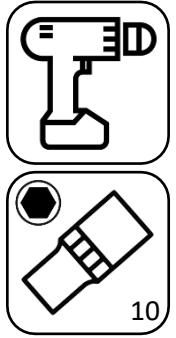
2- Position the jig on the threshold of the wicket door :
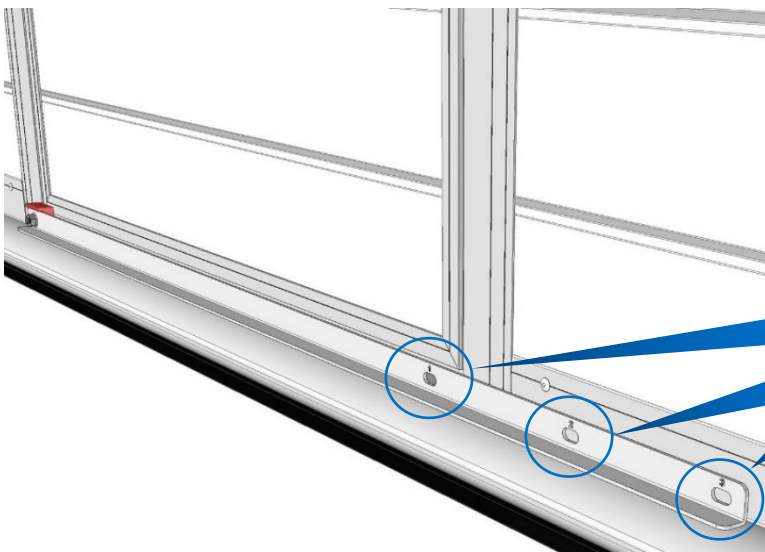
Mobile side :
Position the stop on the corner piece according
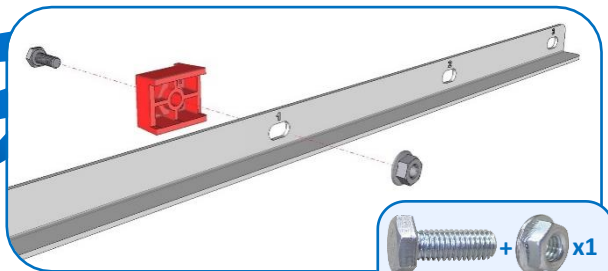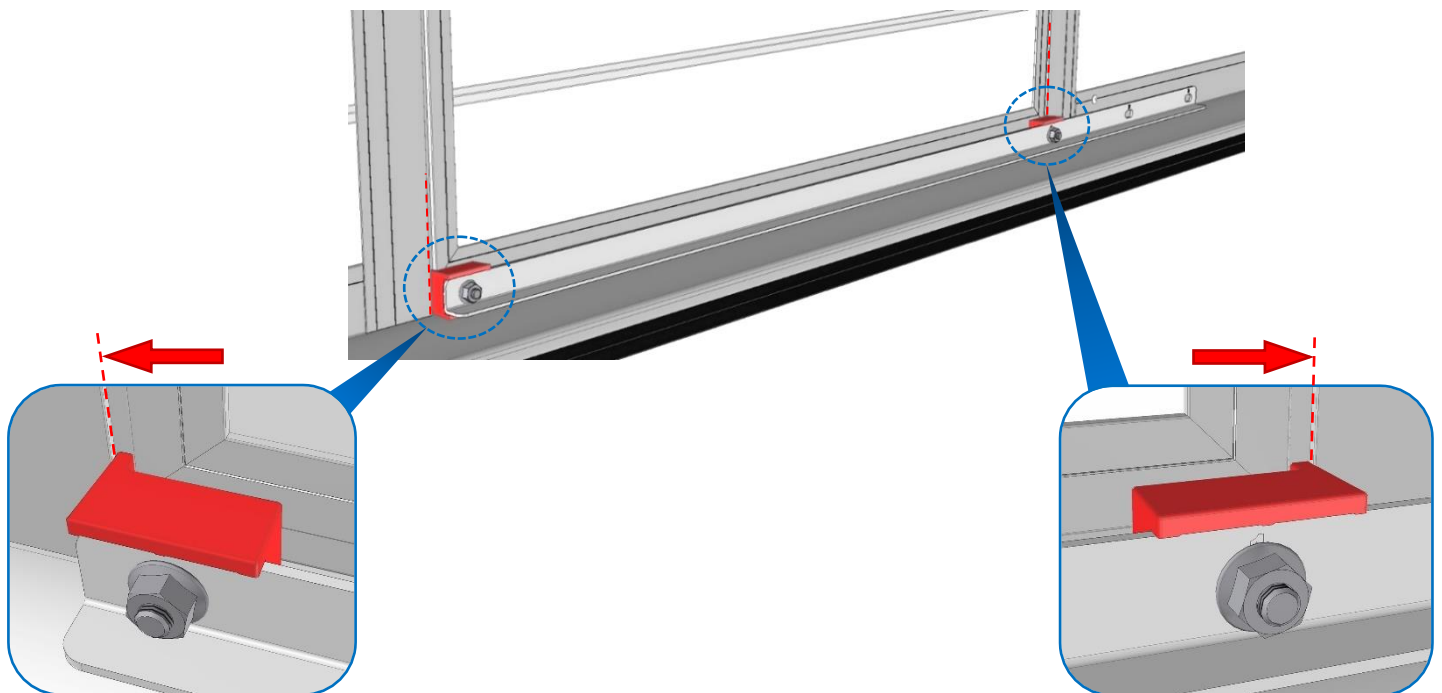to the wicket door width ;
assemble it and fully tighten the nut.

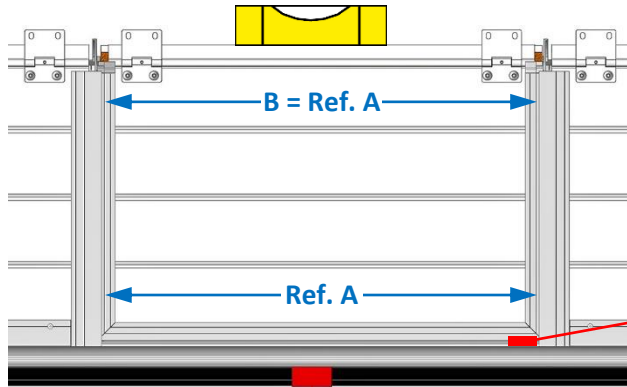| Wicket door width	Position of the stop
L (659 mm)	1
XL (789 mm)	2
XXL (900 mm)	3

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

x1

Please note : The stops must but up against the frame :

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

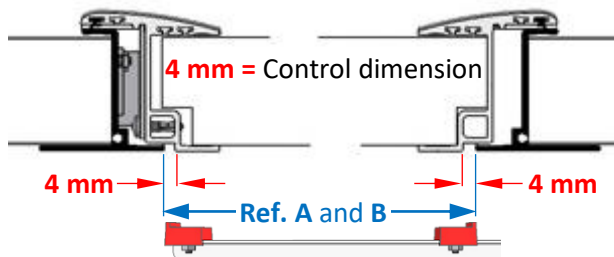**Check top and bottom profile spacing**

B = Ref. A

Ref. A

8 mm shim,
present on lock side
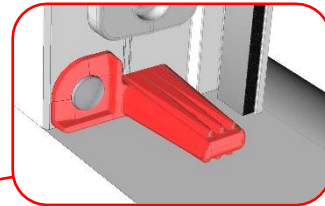
Do not remove

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

4 mm = Control dimension

4 mm   **4 mm**

Ref. A and **B**

Secure mounting of the panels on both sides
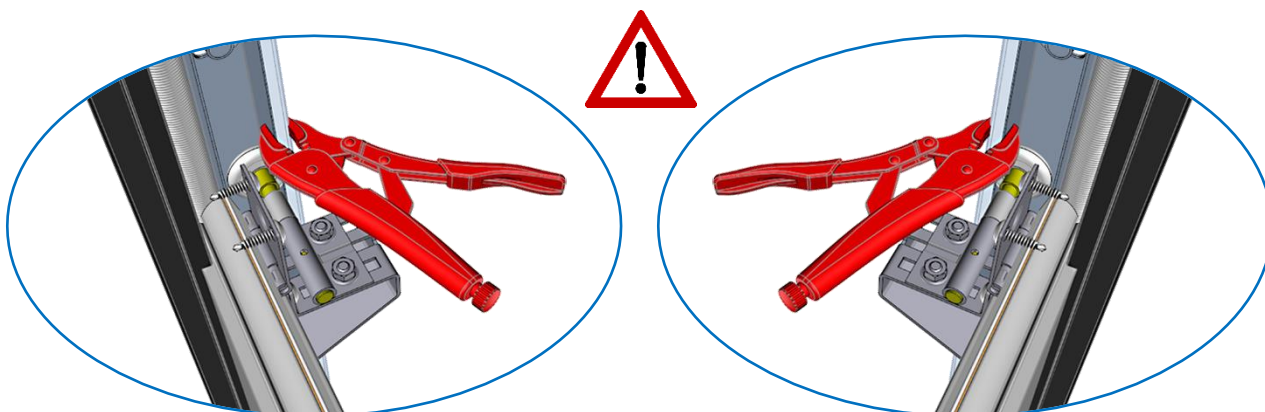
Installing intermediate panel 1
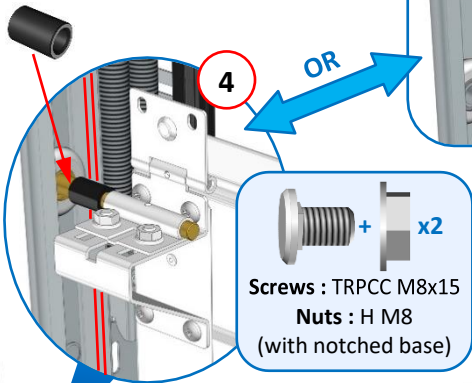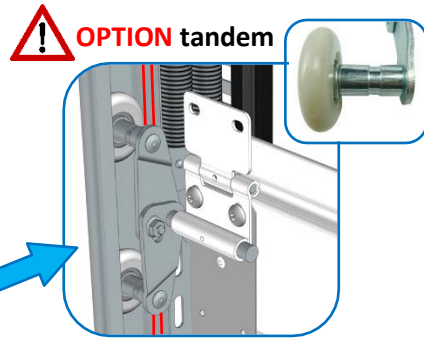
OPTION tandem

4 OR

30

13

Screws : TRPCC M8x15
Nuts : H M8
(with notched base)
+ x2

! **Gently lower the panel**

1

2 ! **The plugs**

3

Align the profiles

LA TOULOUSAINE

30   13

6

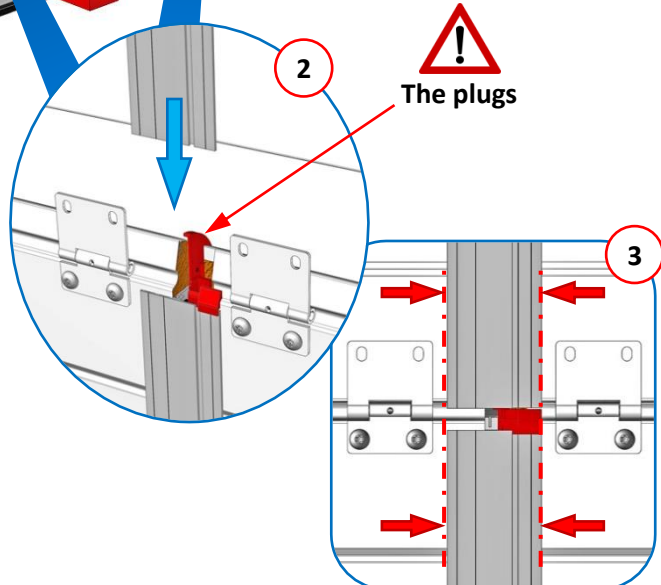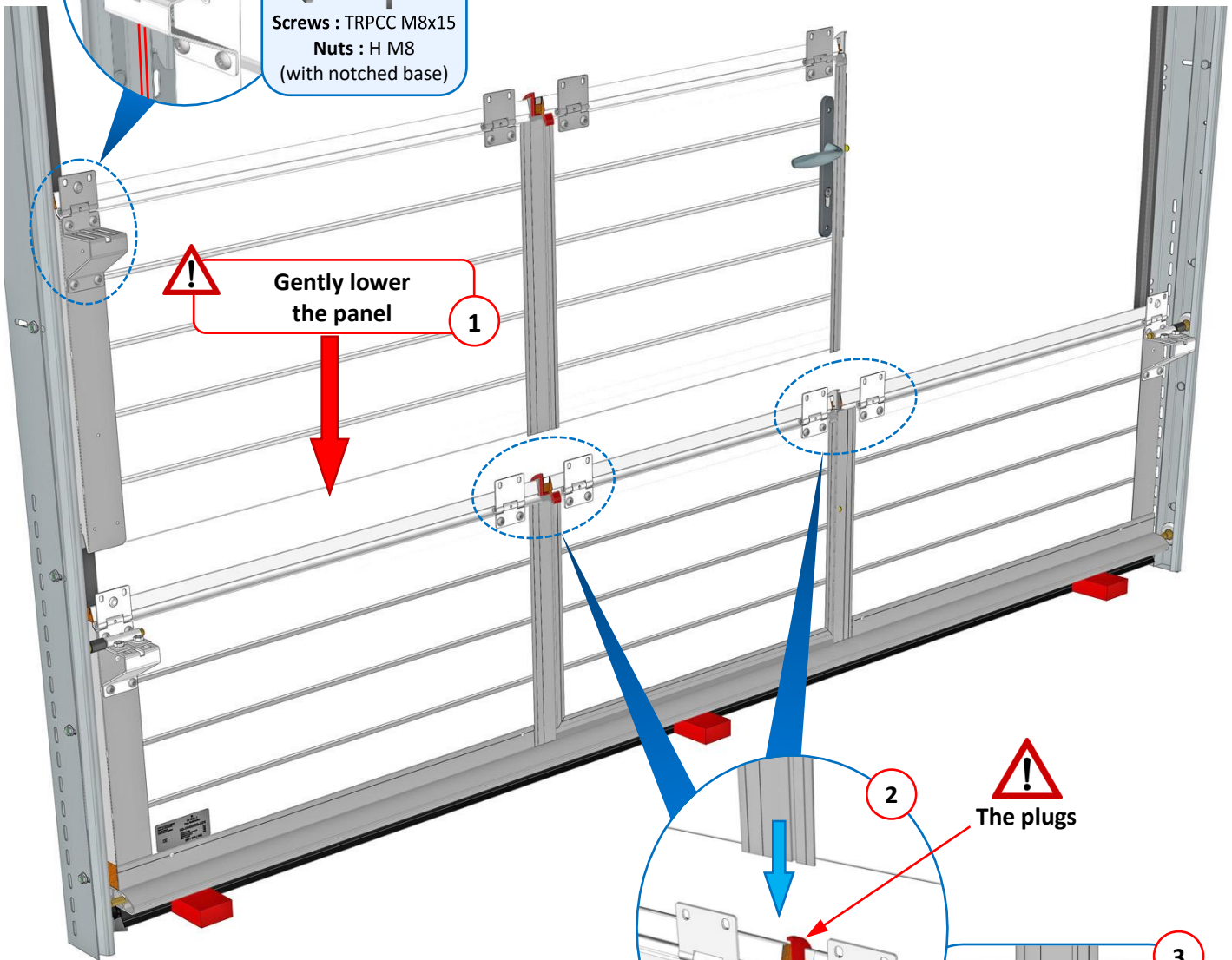Screws : TRPCC M8x15
Nuts : H M8
(with notched base)   x2

9

OPTION tandem

5

9

5
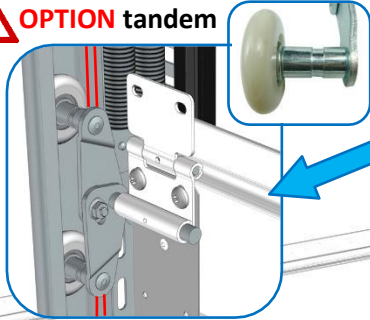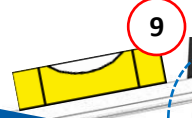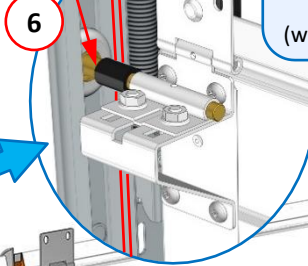
⚠ If the wicket door is off center (250 mm), press firmly on the panel before fixing the hinges.

9

(panels resting on hinge knuckles)

Check they are parallel

10   **7**

II

10

II

Ref. A

Align the profiles

7

11

Screws : Self-drilling TB Torx 6,3x25   x12
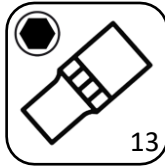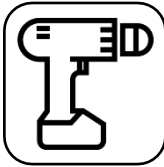
If **8** and **9** are OK

10

D = Ref. A

8

C = Ref. A

4 mm = Control dimension

4 mm   **4 mm**

C and **D = Ref. A**

⚠ Check top and bottom profile spacing

Please note : If installing intermediate panel 2, follow the same procedure as for intermediate panel 1.

Installing the top panel

If the wicket door opener is less than 50 mm from the header, adjust the door closure before assembling the wicket door top panel.
Refer to the « WICKET DOOR FINALIZATION|Door closure adjustment » chapter.

Gently lower the panel 1

Remove the transport strap

2 **The plugs**

3 **Align the profiles**

Check top and bottom profile spacing

4 mm = Control dimension

4 mm → ← → ← 4 mm

E and **F = Ref. A**

5

F = Ref. A

E = Ref. A

Ref. A

4

4

Check they are parallel (panel resting on hinge knuckles)

7

6

7

x12

Screws : Self-drilling TB Torx 6,3x25

If 4 and 5 are OK
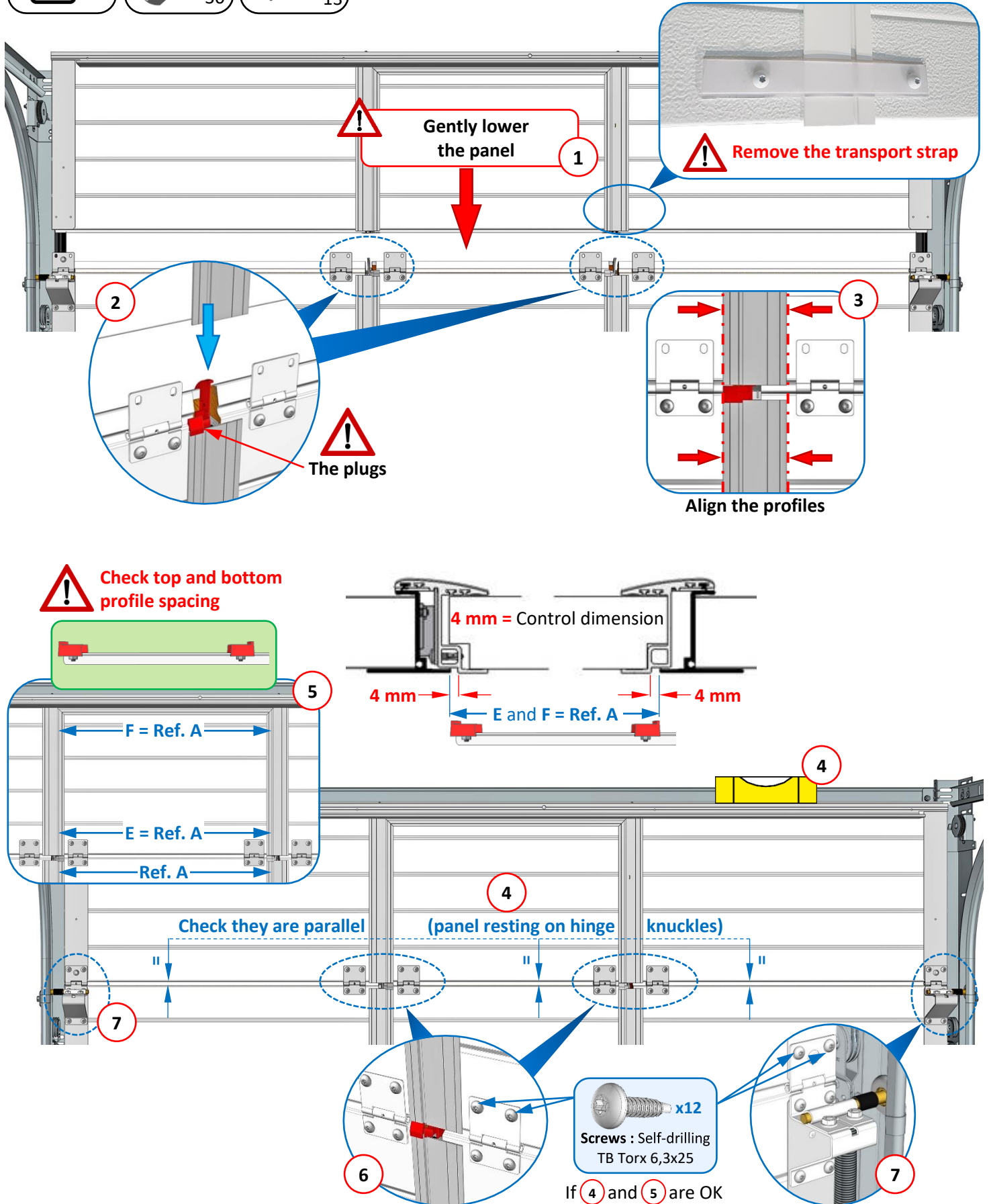
IMPORTANT : Remove the transport rivet from the edged column, so that the top roller support rests on a flat surface (identical process on opposite side).
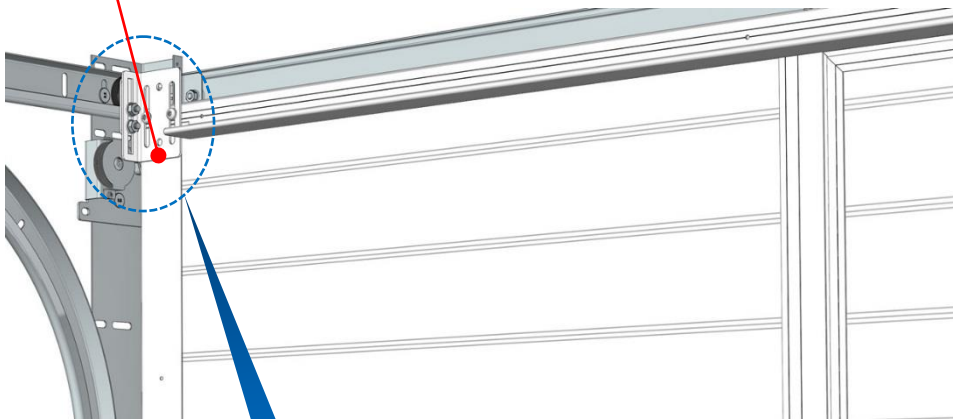
Assemble the adjustable rollers

Align

Left

Right

MOTORISED door

OR

MANUAL door

Screws : TRPCC M8x18
Nuts : H M8
(with notched base)

x2

Screws : Self-drilling
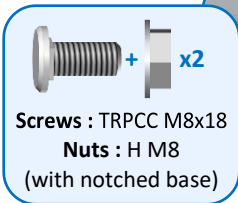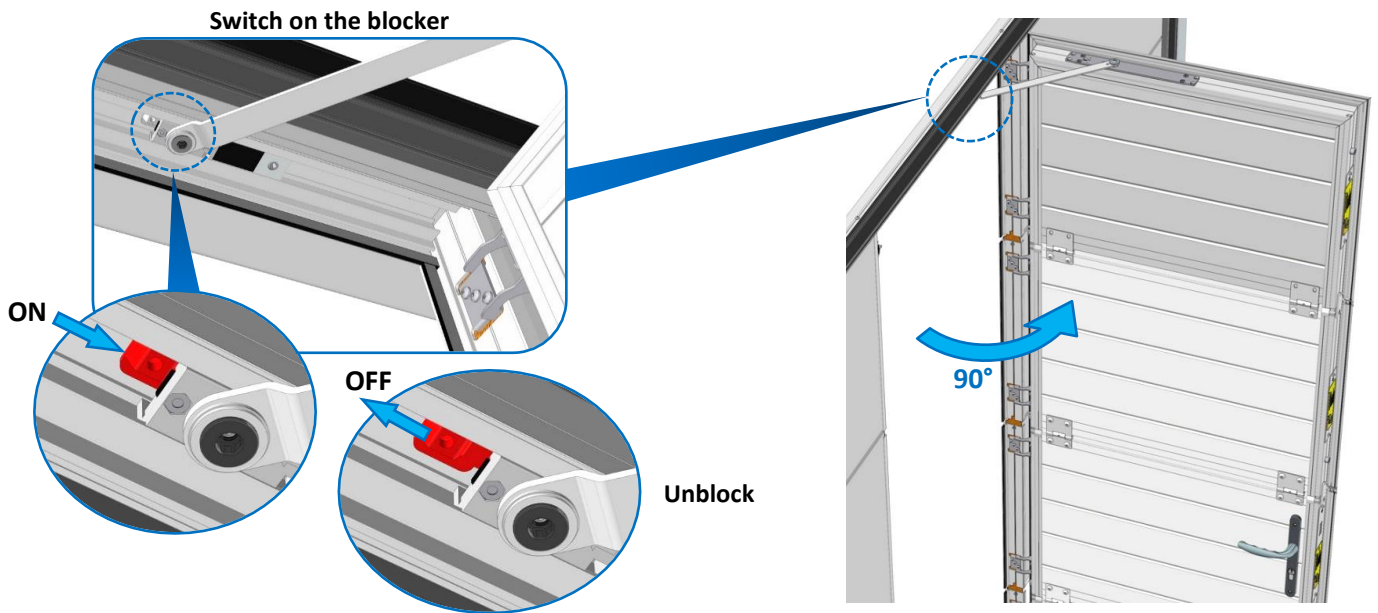TB Torx 6,3x25

x2
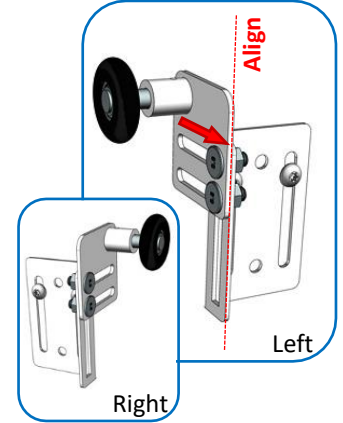
Repeat the process on the opposite side.

Wicket door finalization

Adjusting the stop module

Switch on the blocker

ON

OFF

Unblock

90°

Test the stop module : Block the wicket door.

2,5

Black spacer

-

+

90°

Please note : If the **stop module blocks too much** or **not enough**,
adjust the pressure screw on the inside of the « **black spacer screw** ».

Remove the shim

90°

Lock side
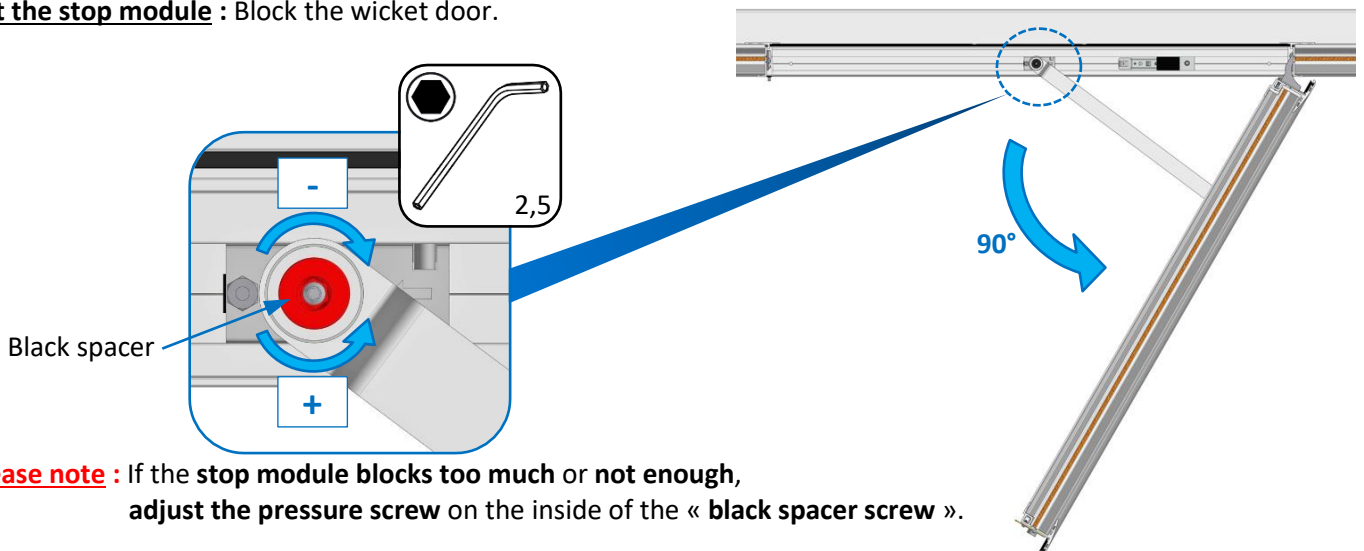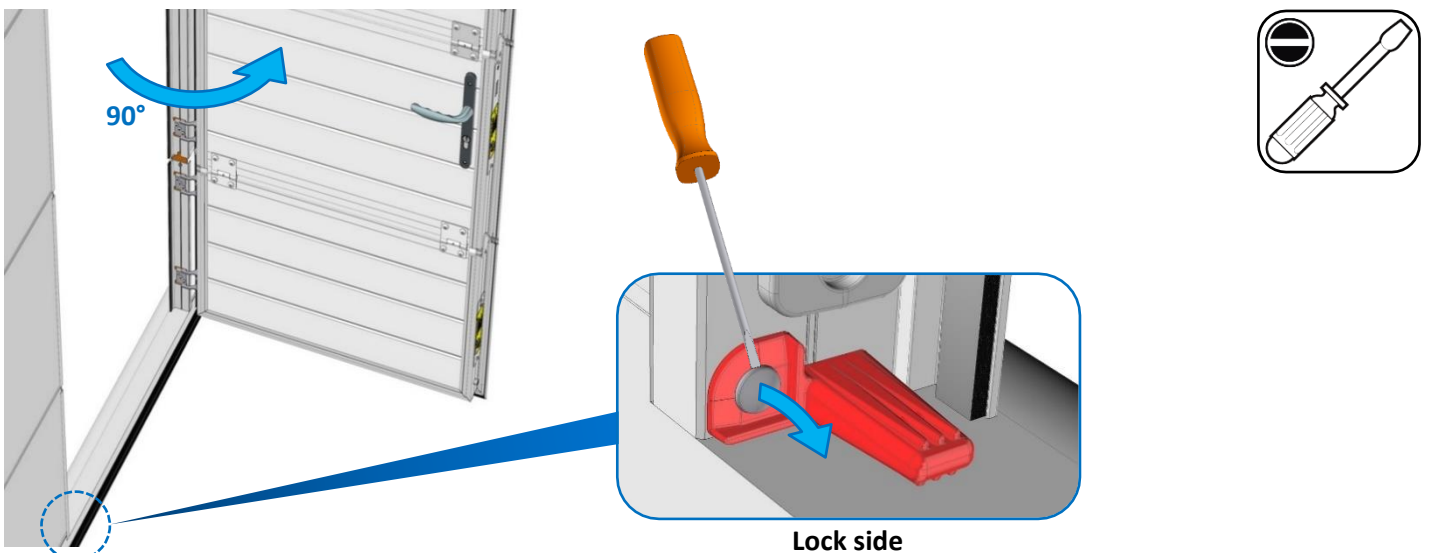
Installation of the rod

Add the screws :

Block the wicket
door at 90°

ATTENTION !!
- Insérer la tringle ressort.
- Serrer la vis 2.
- Desserrer la vis 1.
- Retirer la cale de transport.
- Resserrer la vis 1.
(Voir notice de pose)

Do not tighten

TB Phillips screw M3x6 (supplied)

Identify the rod :

Door

Rod

Rod length
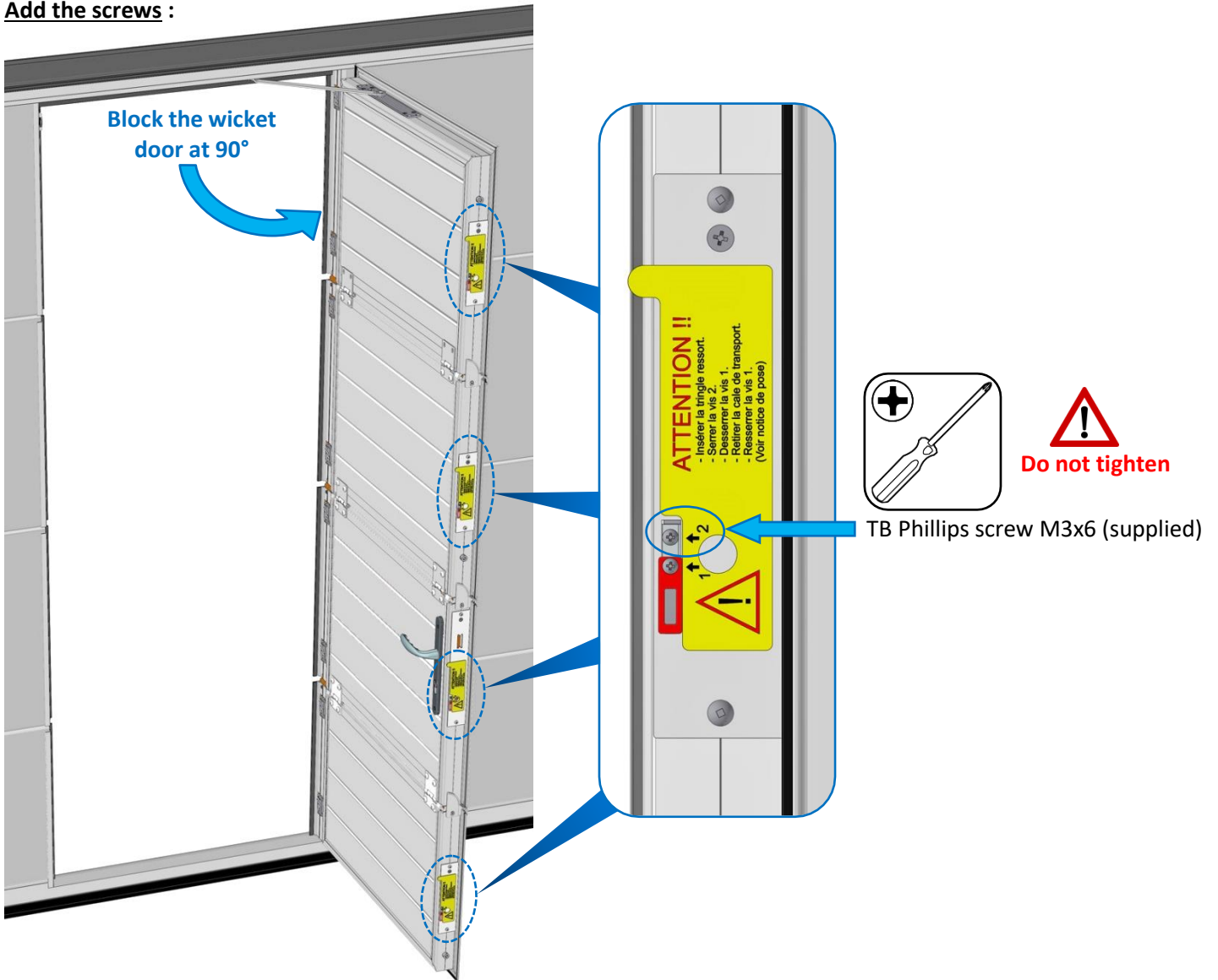
Mark out the rod
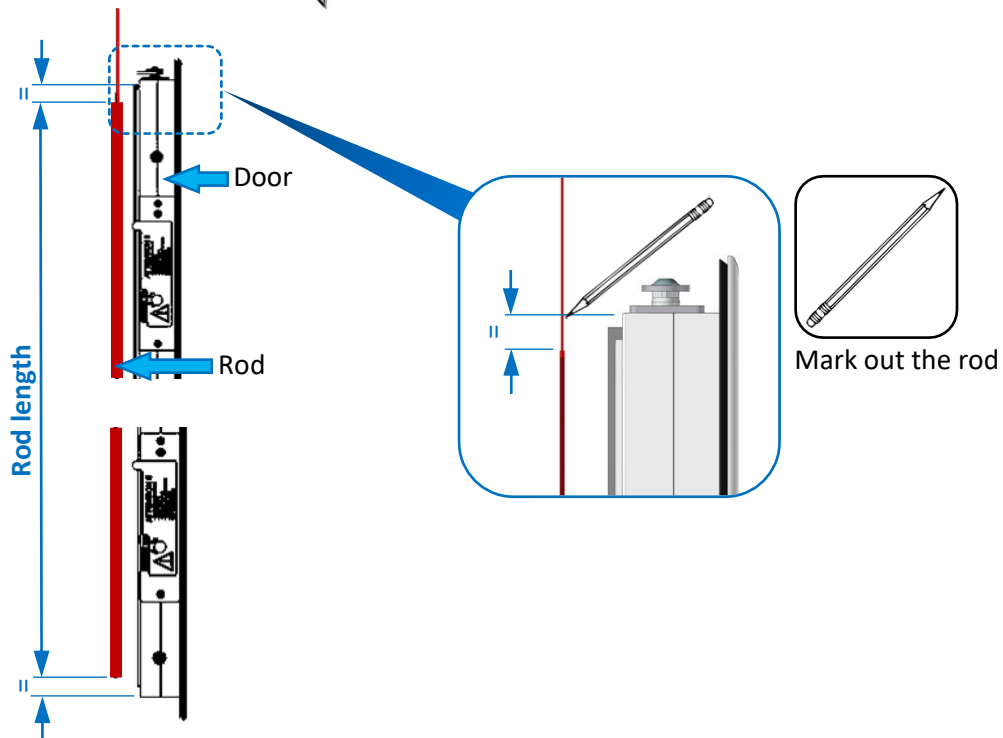
Insert the rod :

Please note : IF ROUGH SPOT Slightly loosen screw 2 or screw 1 to insert the rod more easily.
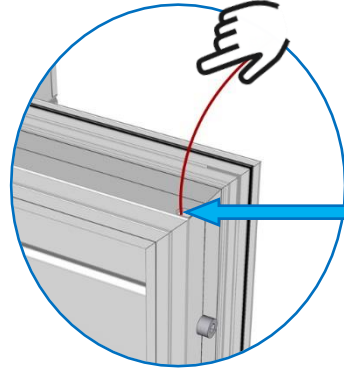
Insert up to the mark

Tighten the screws :

ATTENTION !!
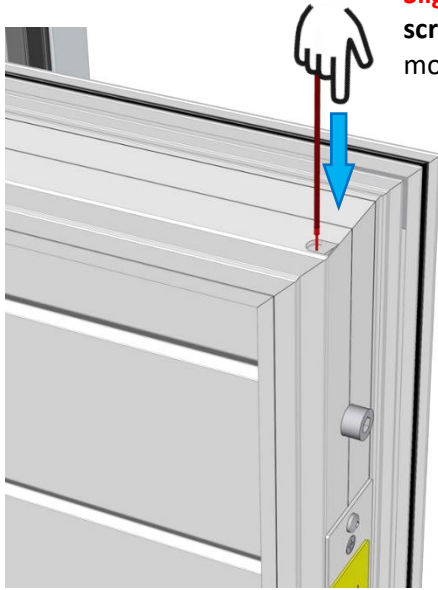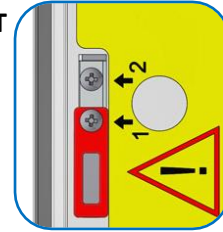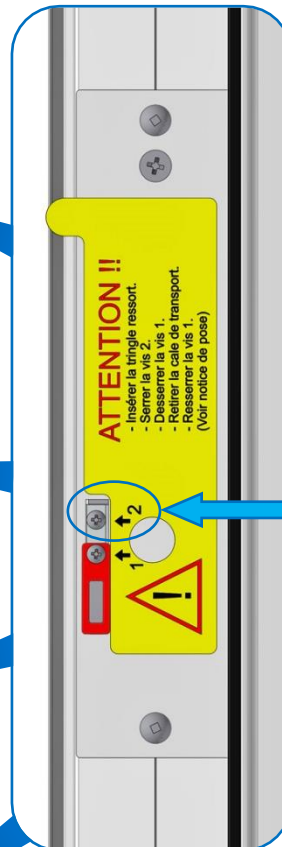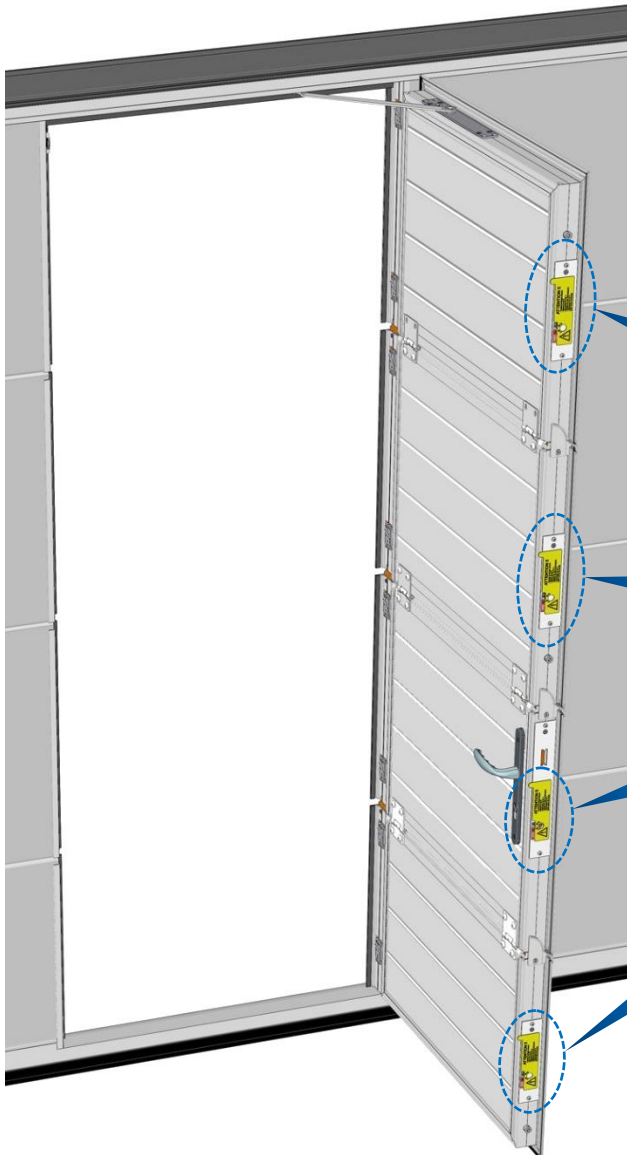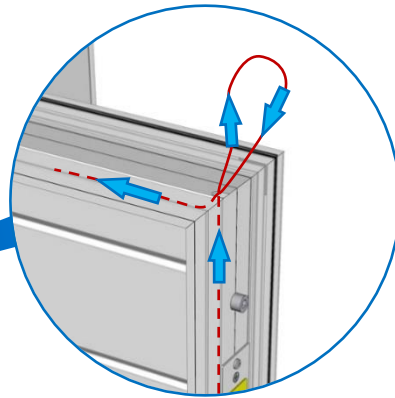- Insérer la tringle ressort.
- Serrer la vis 2.
- Desserrer la vis 1.
- Retirer la cale de transport.
- Resserrer la vis 1.
(Voir notice de pose)

Block the rod

Firmly tighten the screws

Reinsert the cable

1

2

3

4

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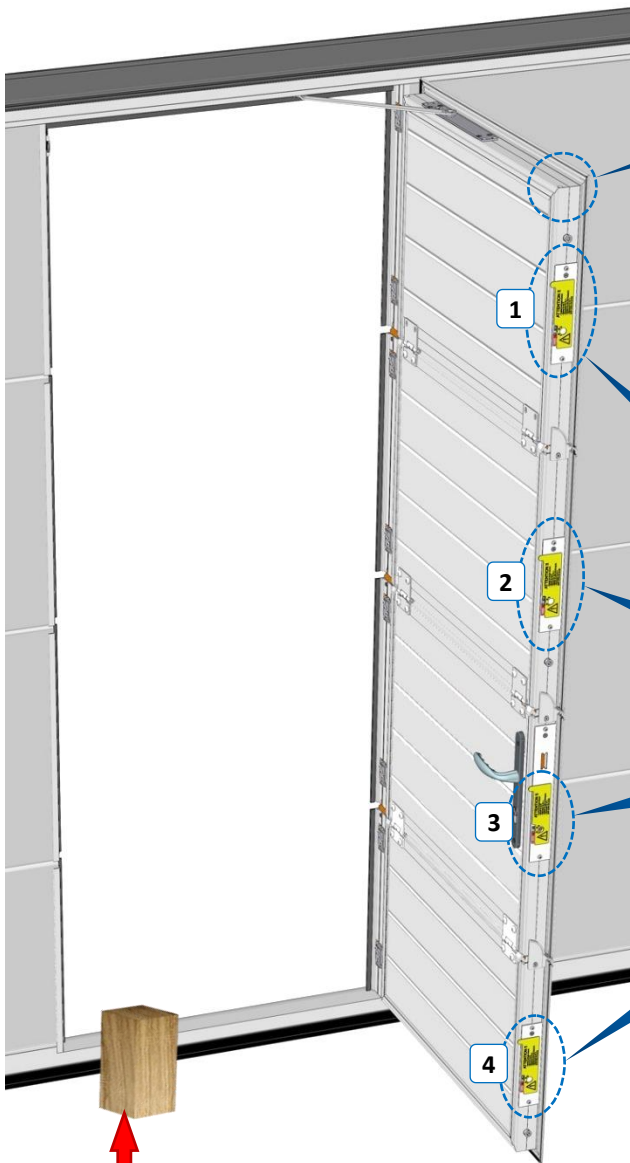
A - **Remove the locking shim**
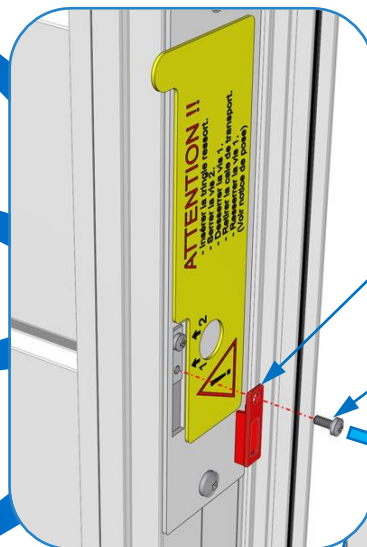
Locking shim

TB Phillips screw M3x6

B - Screw back in and fully tighten
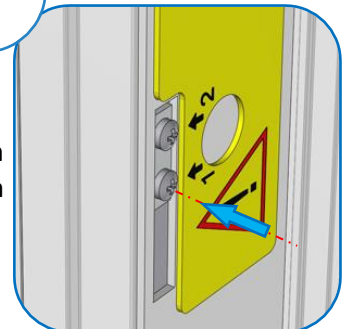
IMPORTANT : Place an obstacle in the wicket door path, to prevent its closure.
Leave it there until completing the « **box operation tests** ».

Activating the lock

Remove the labels

1 **The latches must come out**

⚠ **DO NOT CLOSE THE WICKET DOOR**
Proceed to the following chapter to test its operation...

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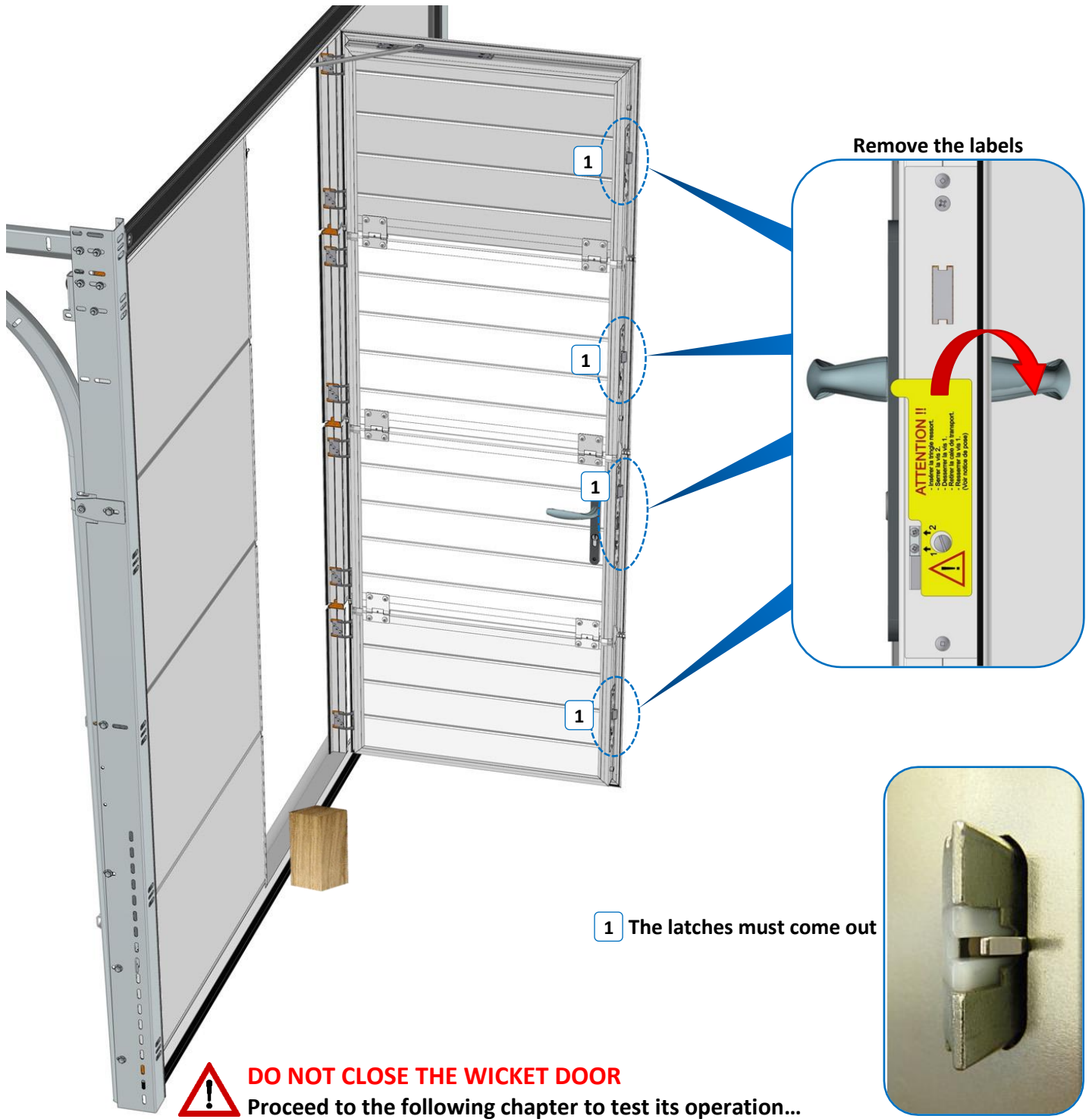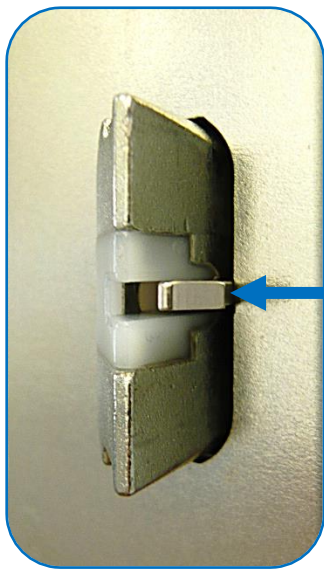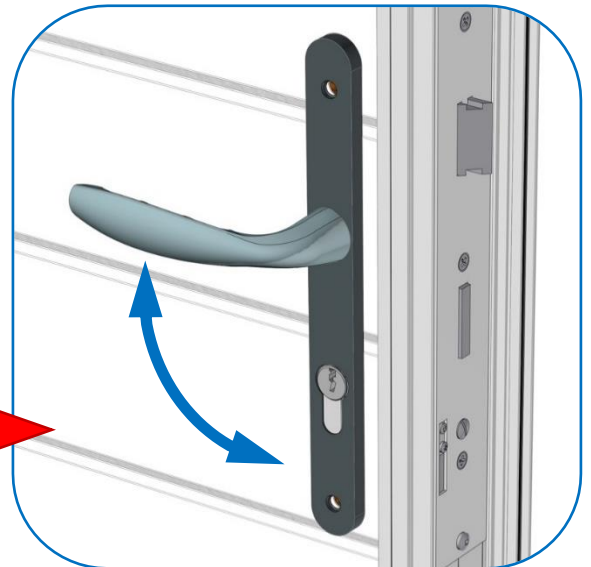
- **Test 1** : **For all boxes**, press the release mechanism, **the latches** must come out at **POSITION 2**.

Position 1

Position 2

Move the handle

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** :

Compliant

0 mm

Non-compliant

> 0 mm

**Move the handle
and hold it down**
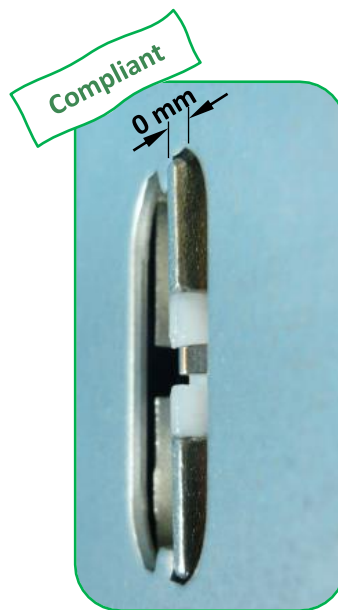
**The latches must
be flush**

⚠ **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
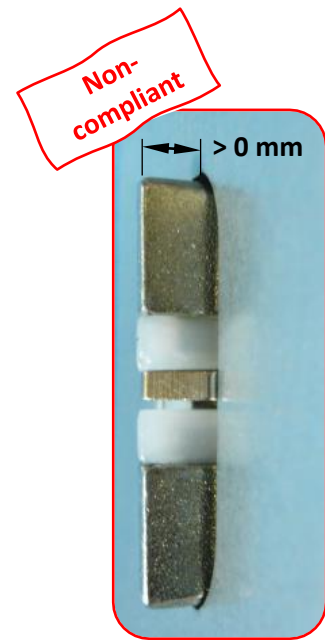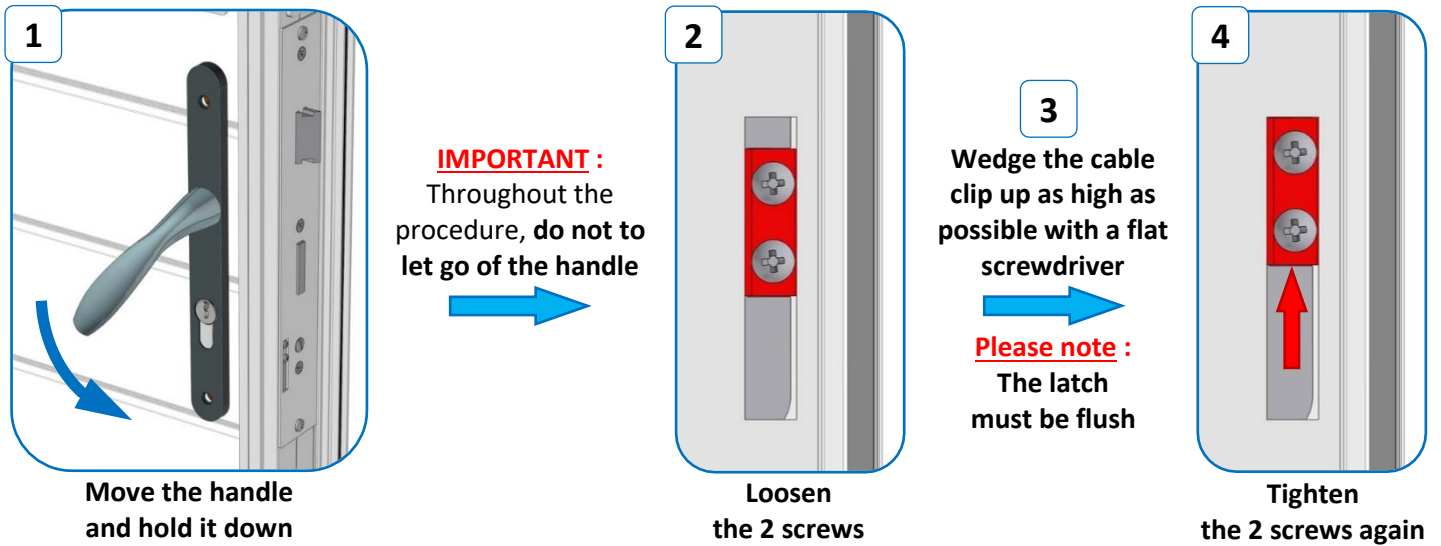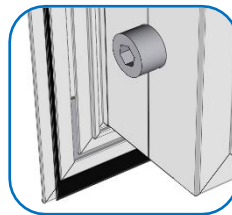and hold it down**

IMPORTANT :
Throughout the
procedure, **do not to
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.
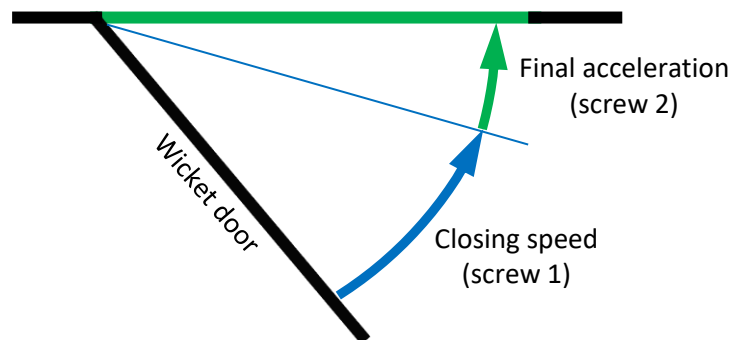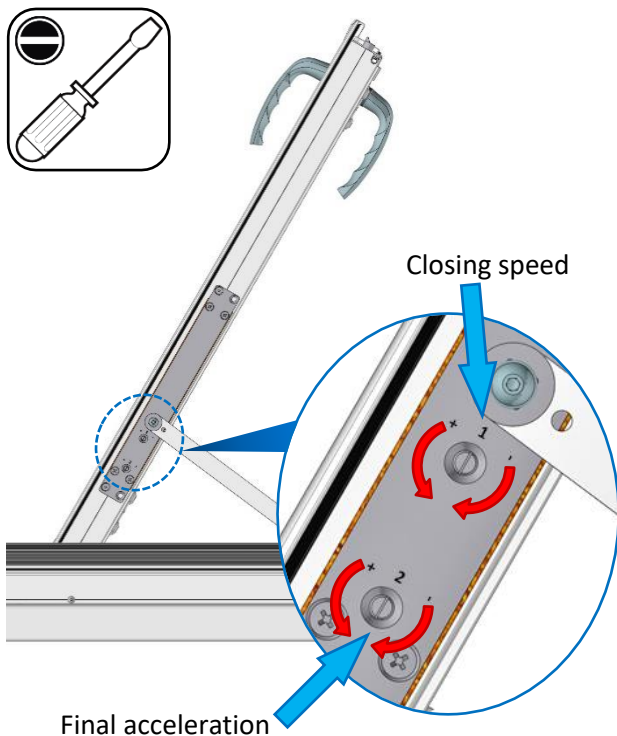
Please note : If the **wicket door becomes stuck** after closure, refer to the **« Solution »** chapter on the following page.

If necessary, **check** and **tighten** the centralizers again

Adjusting the door closure

Adjust the settings, if necessary :

Closing speed

Final acceleration

Final acceleration
(screw 2)

Closing speed
(screw 1)

Wicket door

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.**
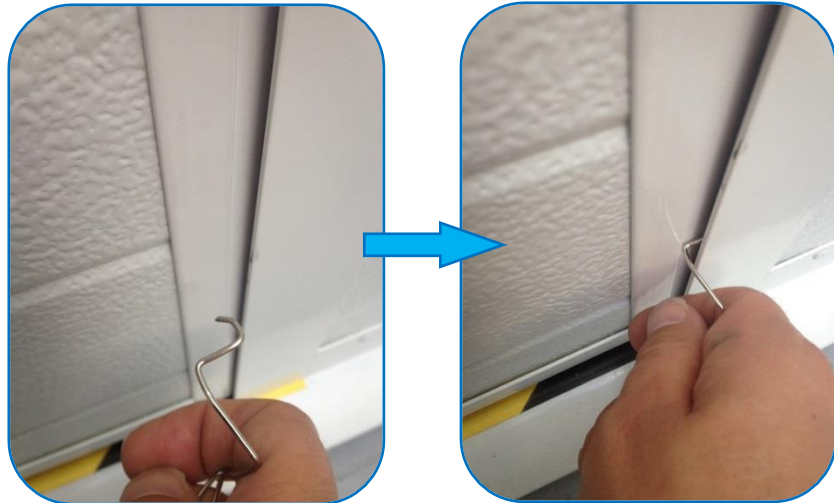
Identify the blocked part inside :

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

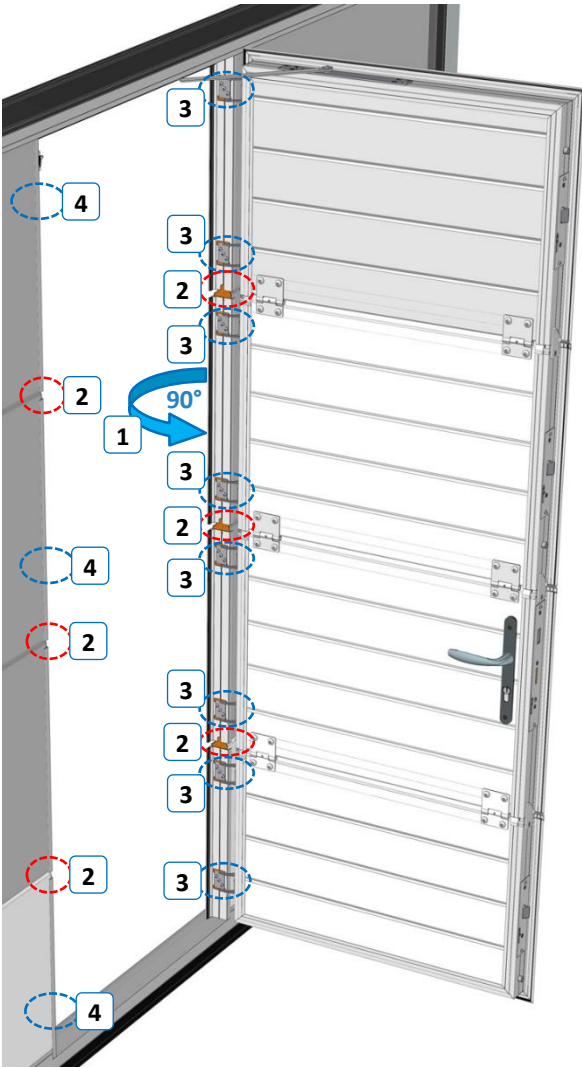| **Make the hook**	**Slide the hook into the opening of the wicket door (lock side)**

Actual size

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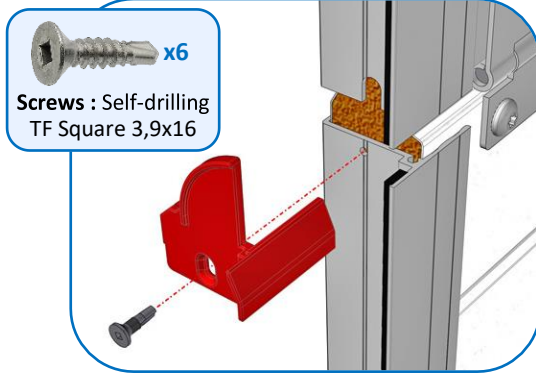to hook one of the locks while holding the handle down.**

Once open, return to the « **Box operation test** » chapter
and **set the latches correctly by following the test steps.**
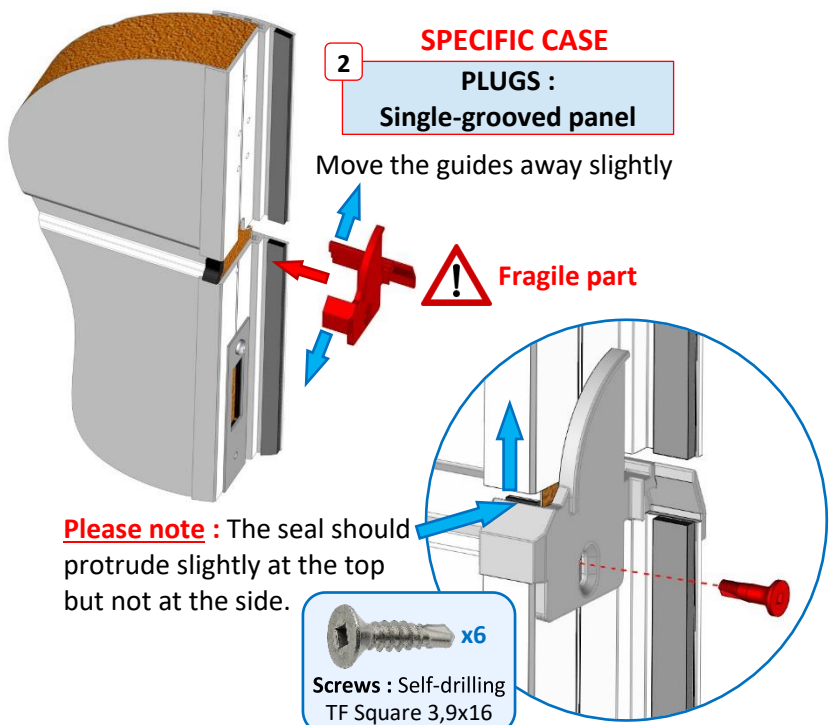
Finishes : Plugs, split hinges and strike plates
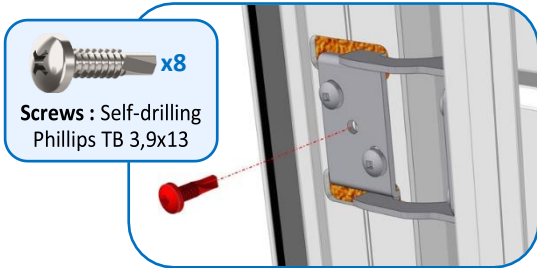
2 PLUGS

Assemble them on the frame profiles

x6
Screws : Self-drilling
TF Square 3,9x16

SQ2

90°

2 SPECIFIC CASE

PLUGS :
Single-grooved panel

Move the guides away slightly

⚠ **Fragile part**

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

x6
Screws : Self-drilling
TF Square 3,9x16

3 SPLIT HINGES

x8
Screws : Self-drilling
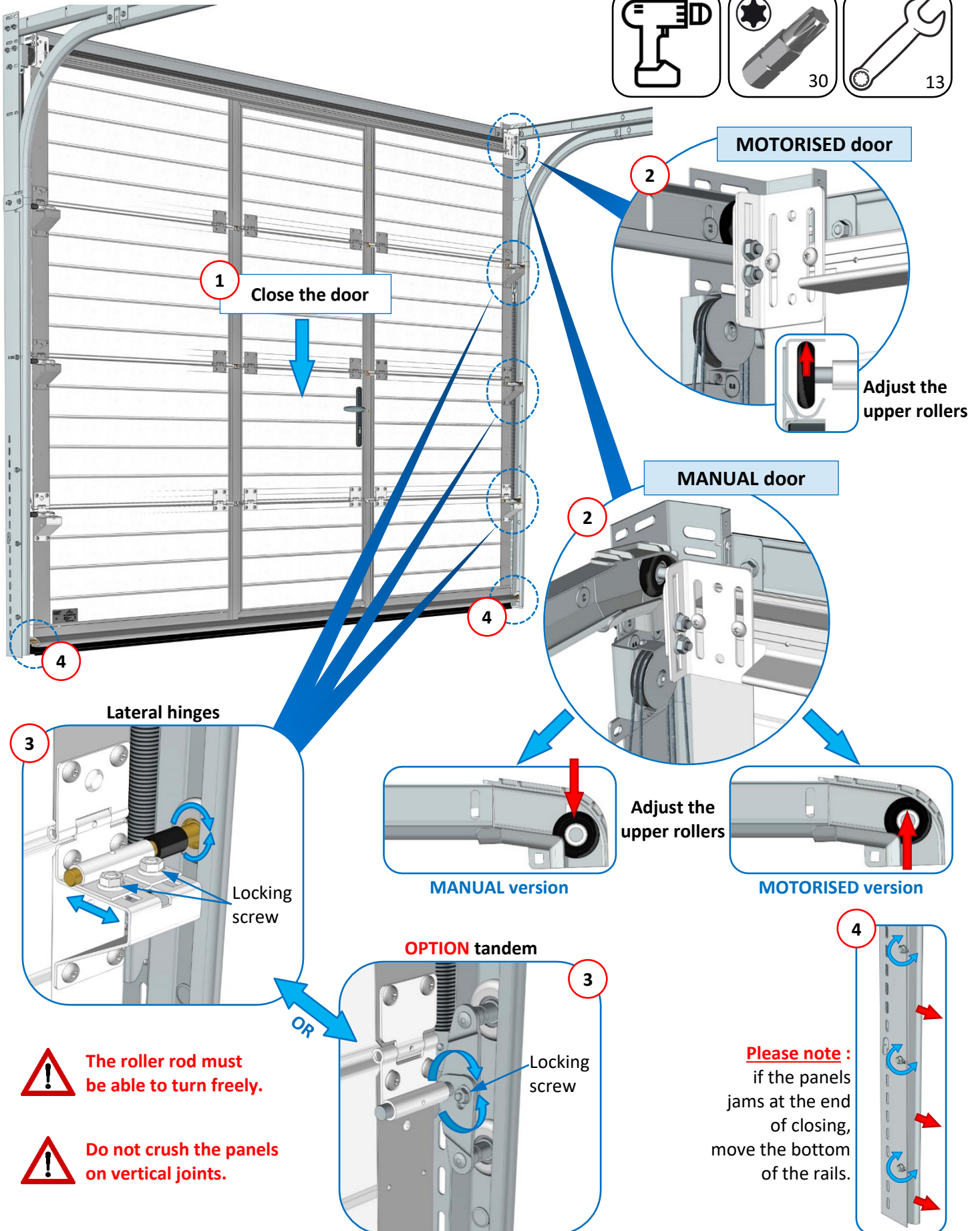Phillips TB 3,9x13

4 STRIKE PLATES

x6
Screws : Self-drilling
TB Square 4,2x16
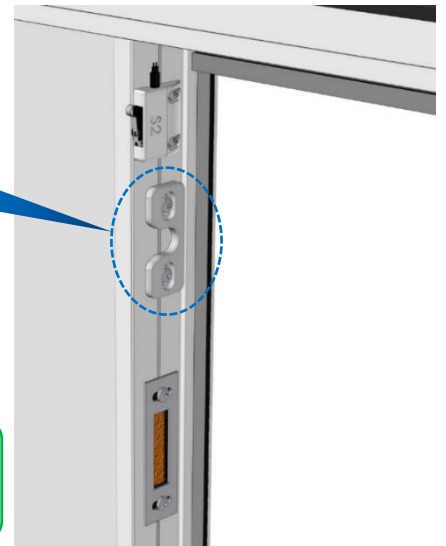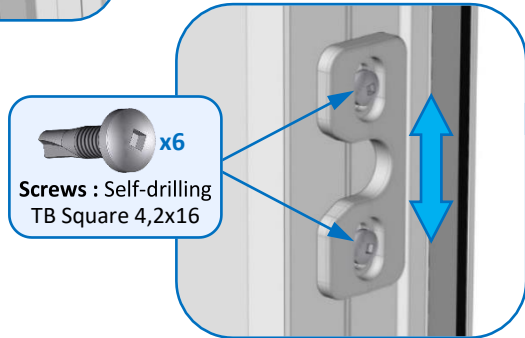
Tighten the screws so that the strike plates move slightly.
Close and reopen the wicket door ; the strike plates will move into position.
Fully tighten the screws.

Finishes

Adjusting the rollers

30   13

1 Close the door

MOTORISED door

2 Adjust the upper rollers

MANUAL door

2

4

4

Adjust the upper rollers

MANUAL version   **MOTORISED version**

Lateral hinges

3 Locking screw

OPTION tandem

3 Locking screw

4

⚠ **The roller rod must be able to turn freely.**

⚠ **Do not crush the panels on vertical joints.**

OR

Please note : if the panels jams at the end of closing, move the bottom of the rails.
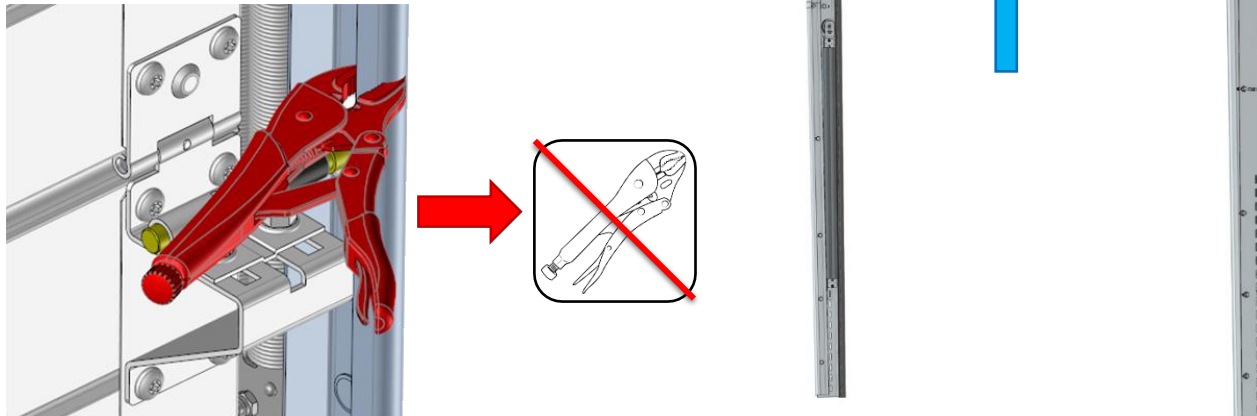
Removal of top safety parts

IMPORTANT

**To be removed
after mounting the panels.**
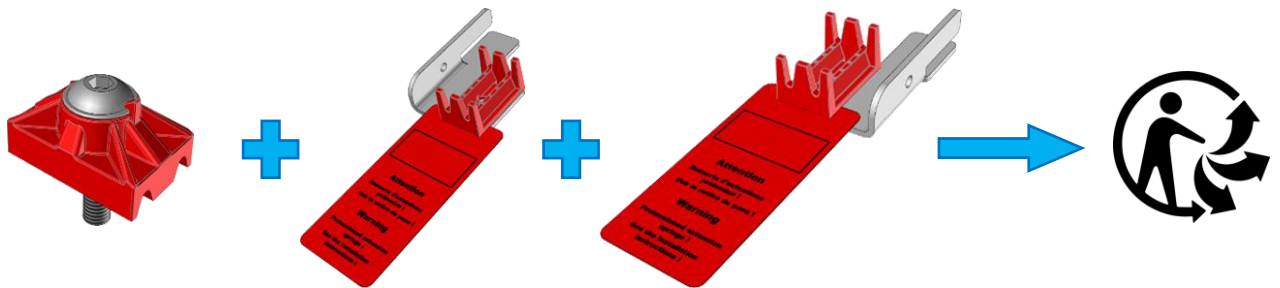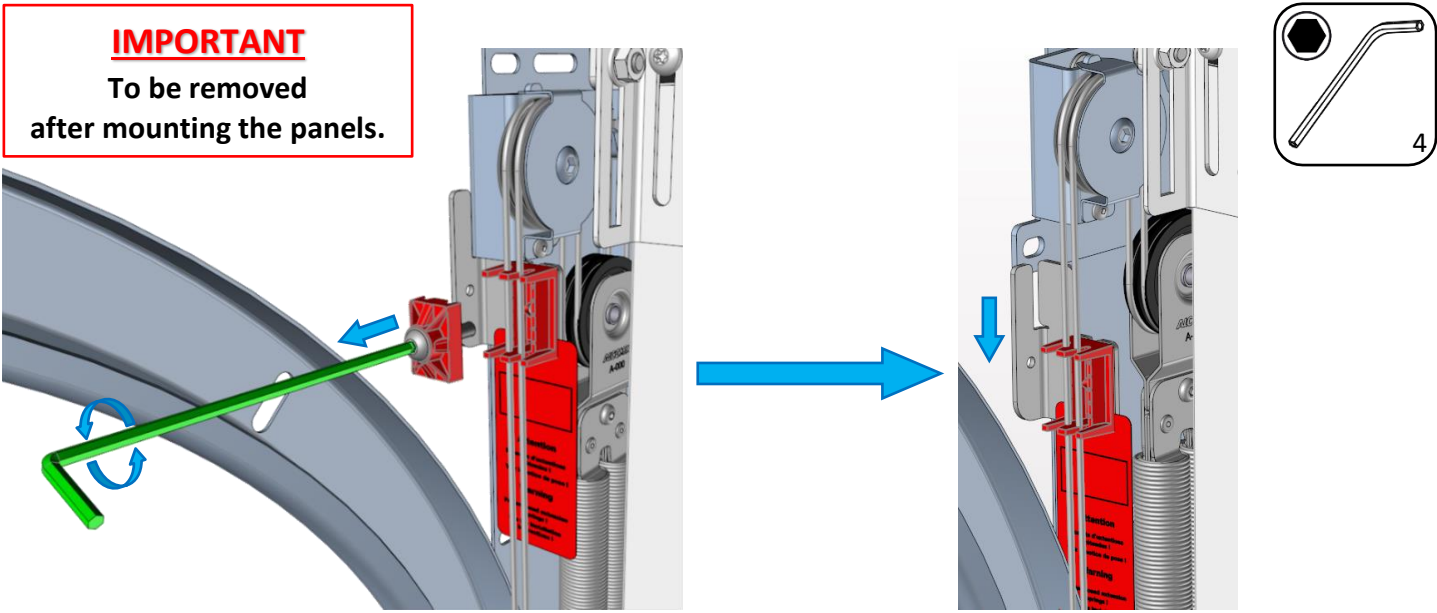
Opening of the door

Remove the locking pliers before lifting the panels

Checking the balance
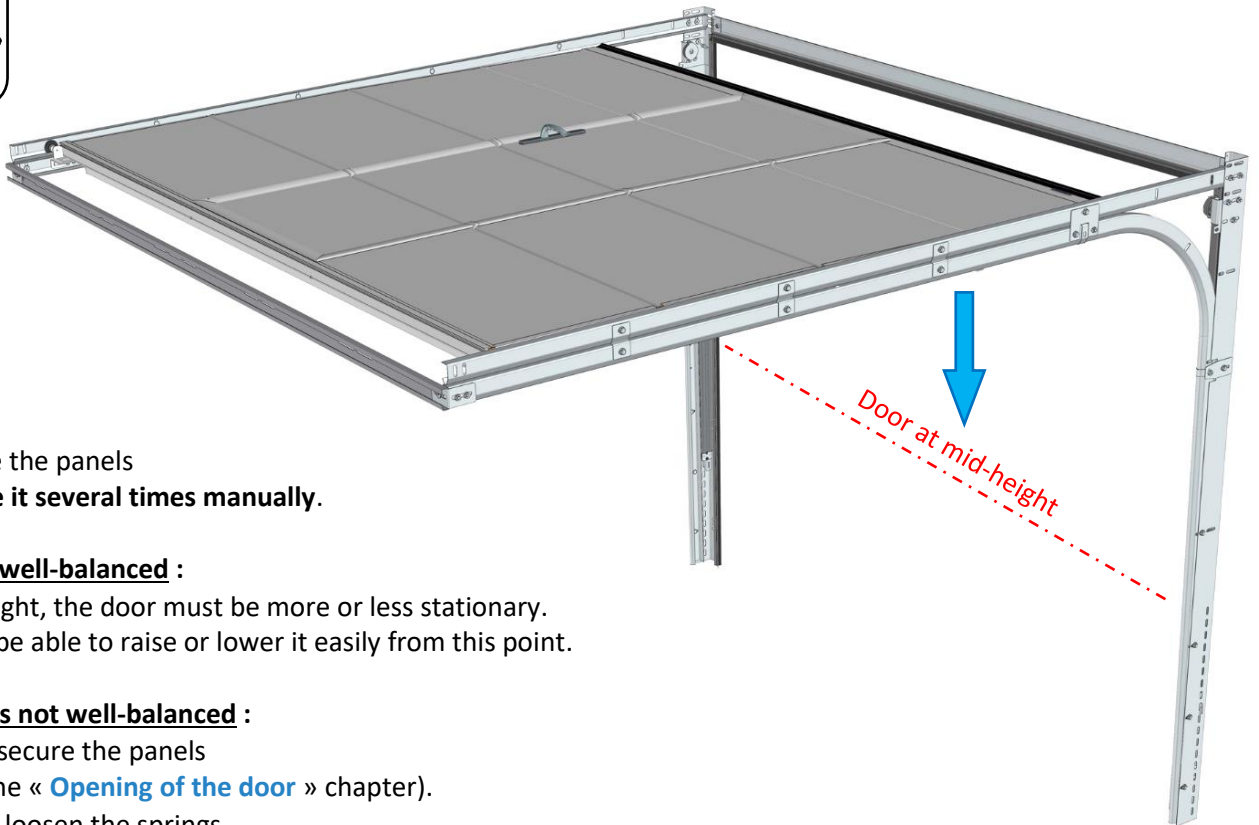
Door at mid-height

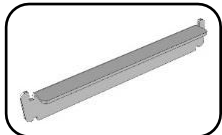Gently close the panels
and **operate it several times manually**.

The door is well-balanced :

- At mid-height, the door must be more or less stationary.
 You must be able to raise or lower it easily from this point.

If the door is not well-balanced :

- Raise and secure the panels
  (refer to the « **Opening of the door** » chapter).
- Tighten or loosen the springs
  (refer to the « **Adjusting the spring tension** » chapter).

Adjusting the spring tension

Tension
spring tool

Insert the tool

①

Unhook the spring

②

**Choose a
hooking notch**

③

Count the notches

1

5

9

18
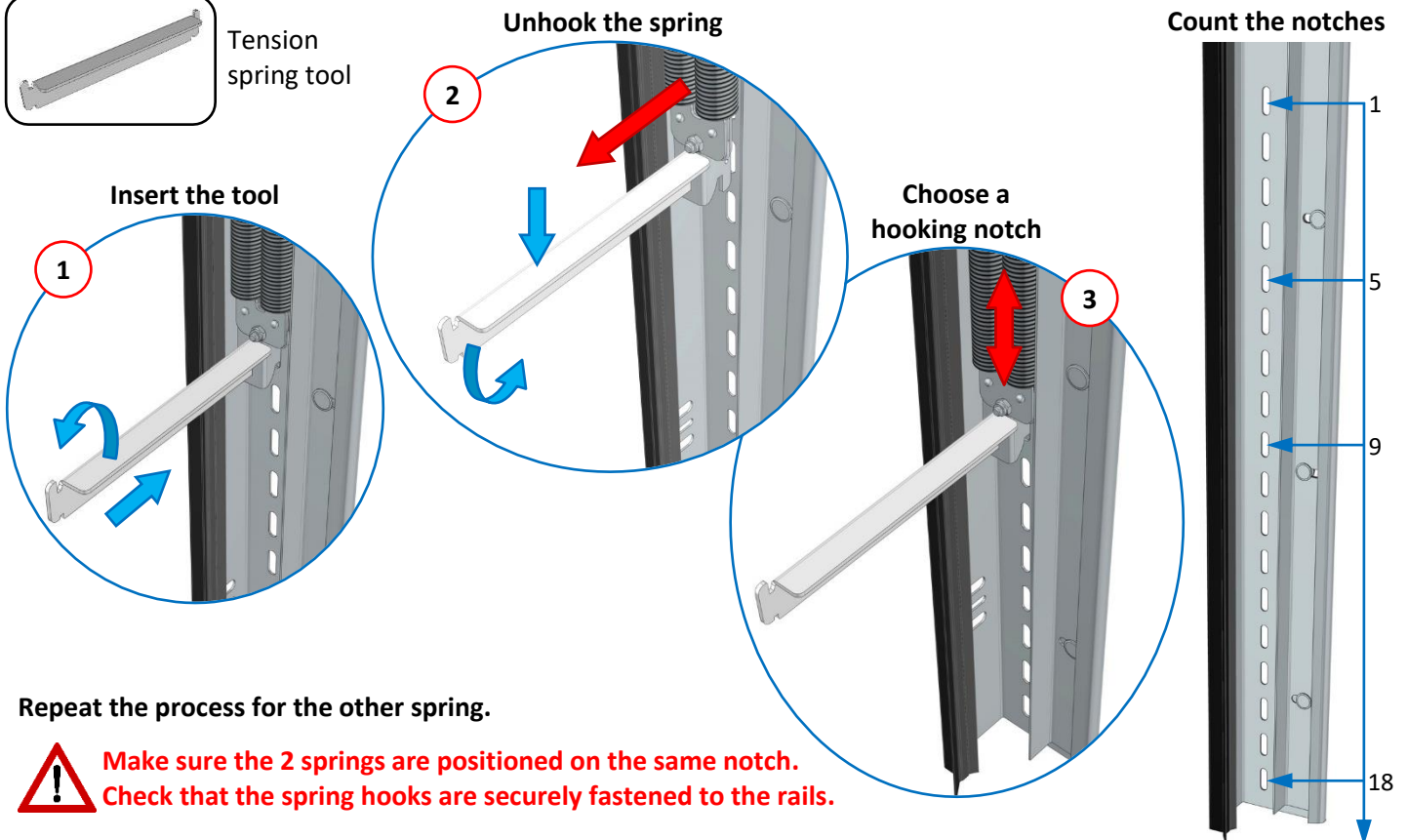
Repeat the process for the other spring.

⚠ **Make sure the 2 springs are positioned on the same notch.
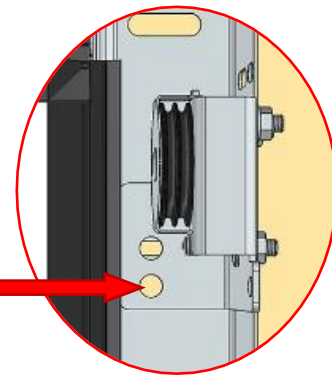Check that the spring hooks are securely fastened to the rails.**

Check the balance again : Refer to the « **Checking the balance** » chapter previous.

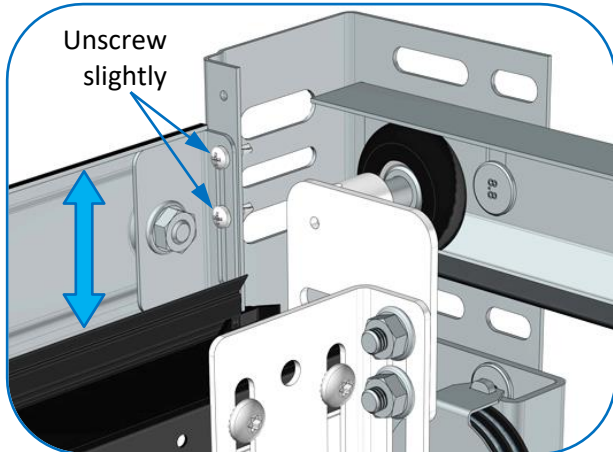# Fixing vertical rails at the level right & left pulleys

Open the door

Secure the panels with 2 locking pliers
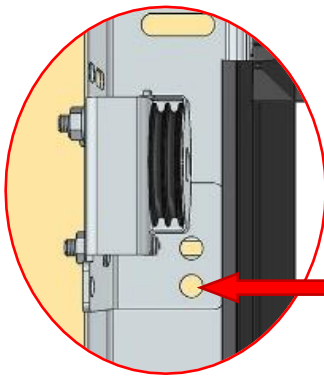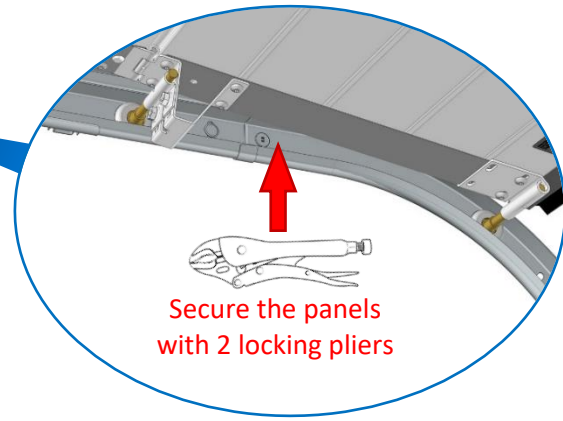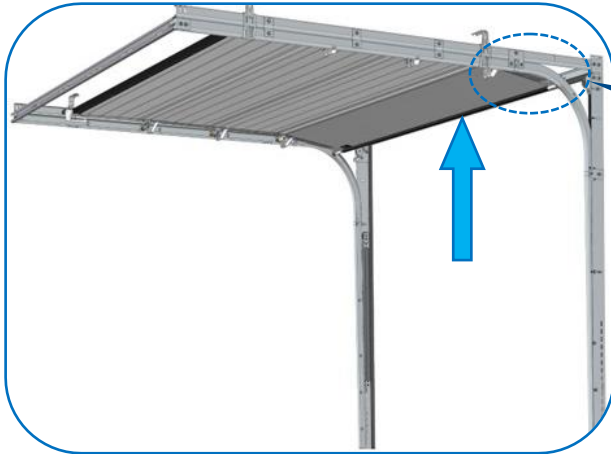
IMPORTANT
**Securely fix
the 2 pulley holders**

Adjusting and fixing of the cross-member

Adjusting of the cross-member

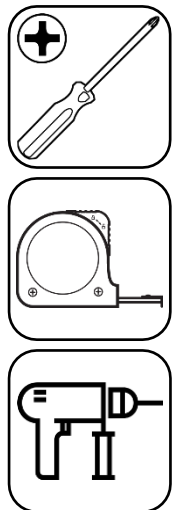Unscrew slightly

Repeat the process on the opposite side
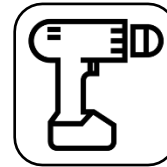
**Fixing of the cross-member
(Install after the operator)**

Distribute the supplied clips
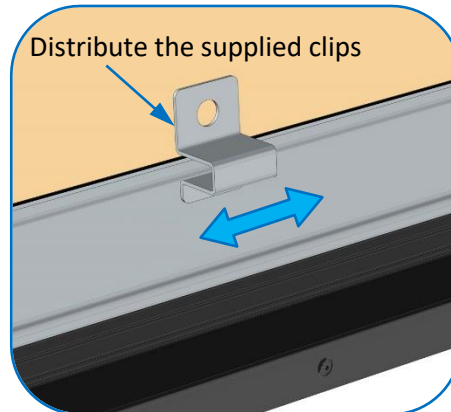
Use appropriate fittings for the support
(screws and pins not supplied)

Fixing the upper roller supports

Add

x1
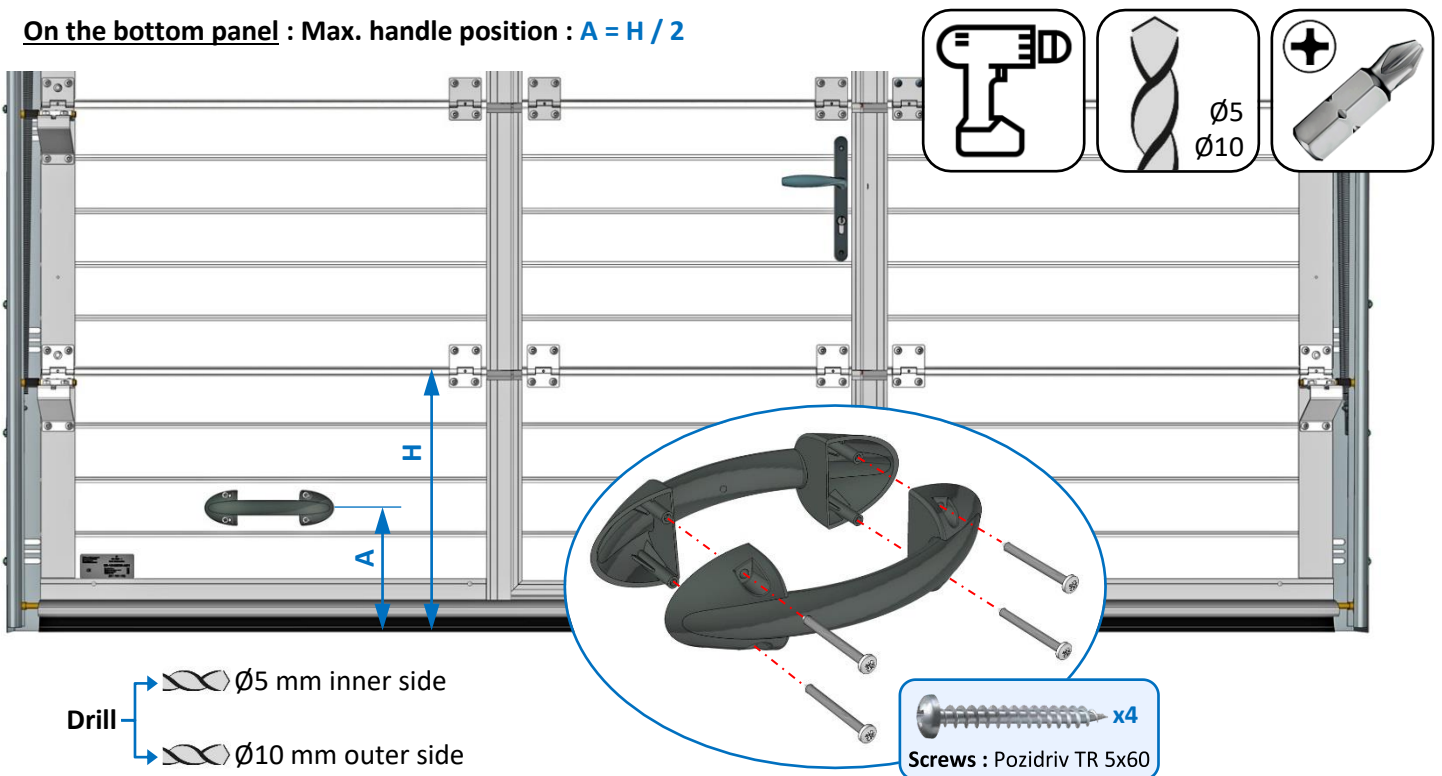
Screw : Self-drilling
TB Torx 6,3x25

30
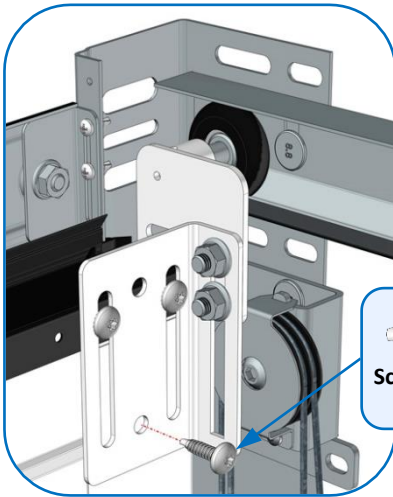
Repeat the process on the opposite side

Installation of opening stop (if manual door)

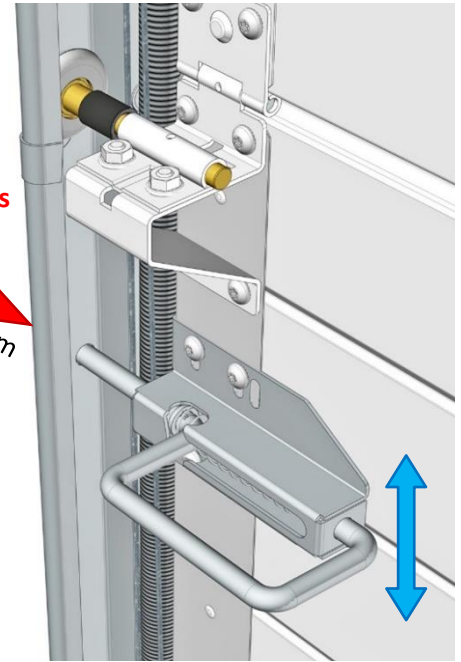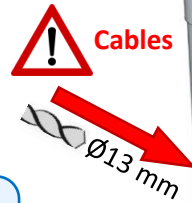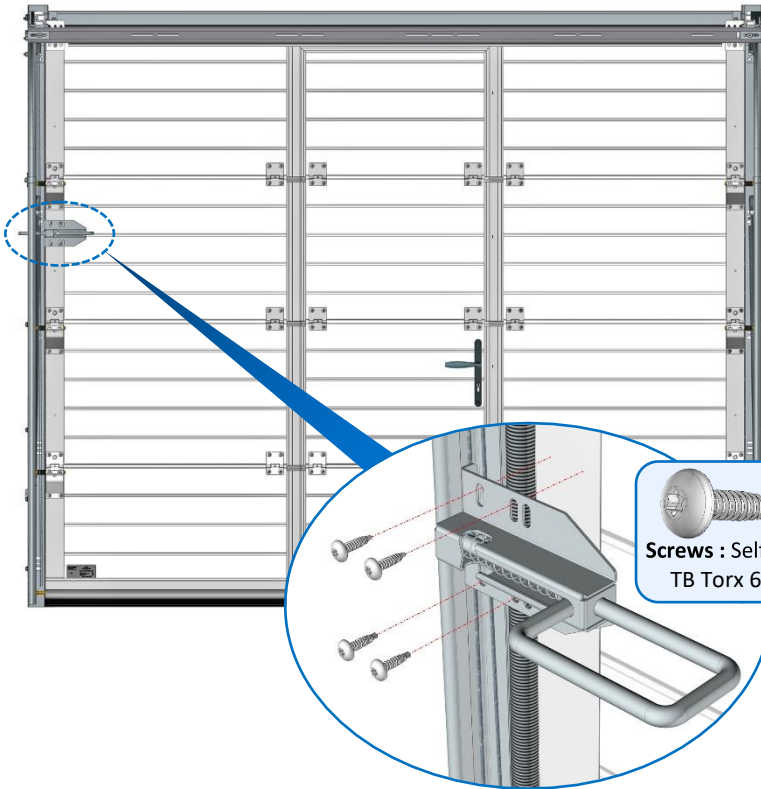• Refer to the instruction for installation of the opening stop.

Mounting the handle

On the bottom panel : Max. handle position : A = H / 2

Ø5
Ø10

H

A

Drill Ø5 mm inner side
Ø10 mm outer side

x4

Screws : Pozidriv TR 5x60

Mounting the latch (optional on motorised doors)

On 2ⁿᵈ intermediate panel :

Ø13   30

⚠ **Cables**

Ø13 mm

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

Installing the pull cord (if manual door)

30   10

+ **x2**
Screws : TH M6x16
Nuts : H M6
(with notched base)

On the bottom panel

x2
Screws : Self-drilling
TB Torx 6,3x25
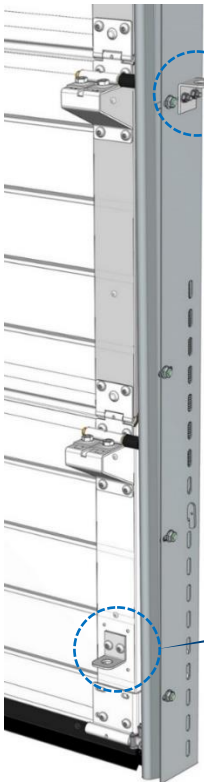
Weather seal (optional)

Weather seal section to be glued to the floor between the rails.
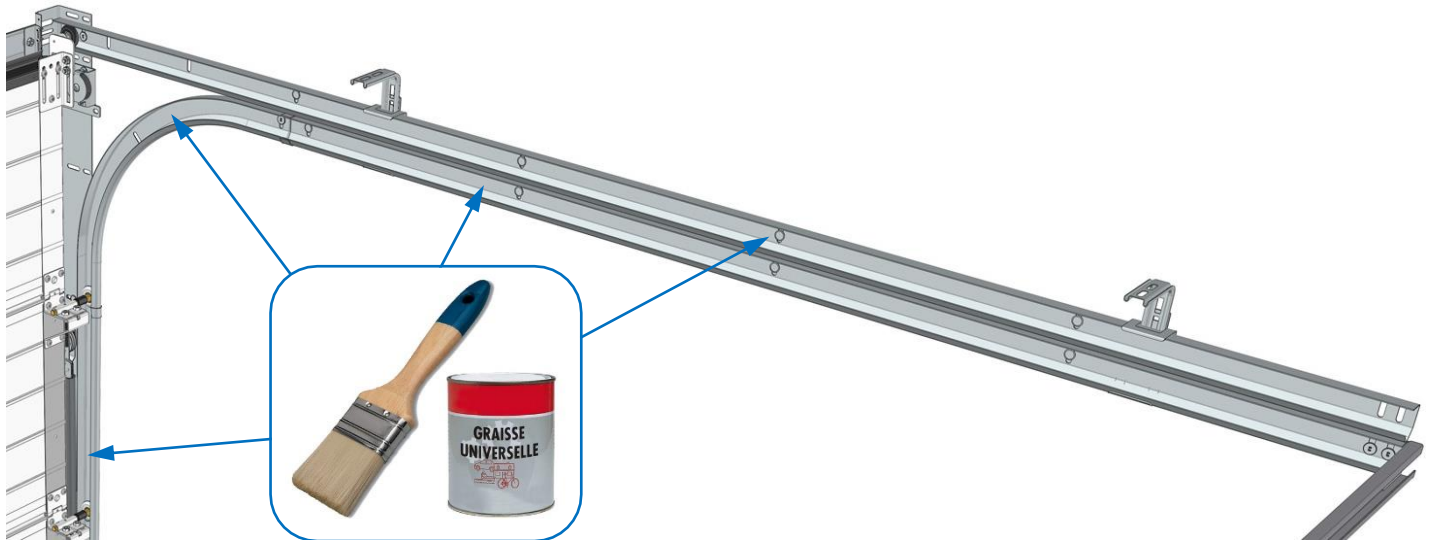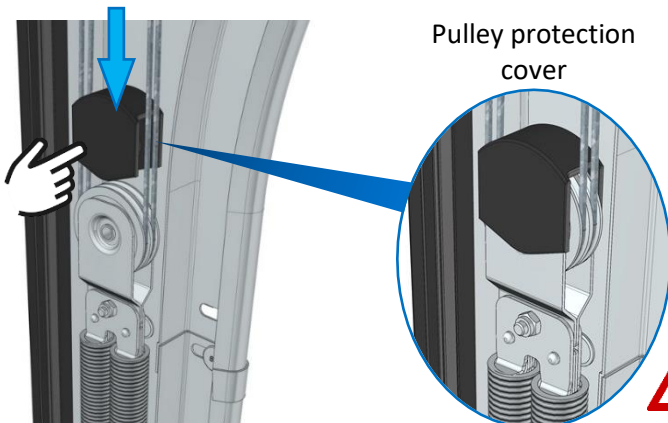
Refer to manual : Weather seal.

Greasing the bottom of the rails

GRAISSE UNIVERSELLE

Mounting of spring pulley covers
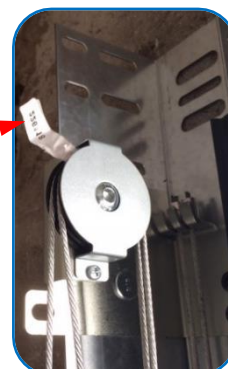
Pulley protection cover

⚠ **Pulley covers are not supplied, if the rails are equipped with the protection cover option.**
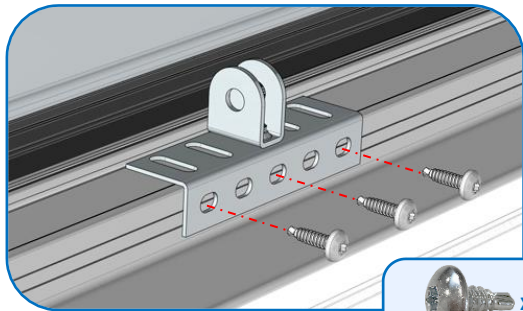
Cable labels

⚠ **Remove the cable labels**
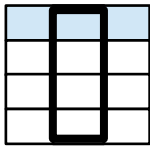
Fixing the « SOMMER » operator to the back bar

Full-height wicket door

Intermediate wicket door

x3

Screws : Self-drilling
TB Torx 6,3x16

⚠ **Do not add screws**

x4

Screws : Self-drilling
TB Torx 6,3x16

30

13
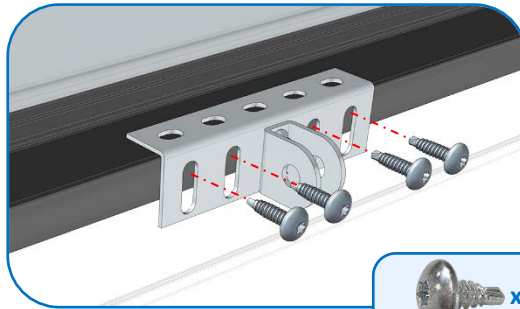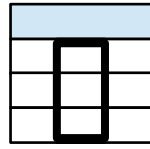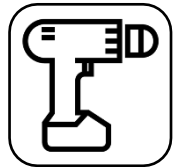
Cut the hangers
of the operator rail

**TD
operator kit**

**Pro⁺
operator kit**

x2

Nuts : H M8
(with notched base)

2 spacers

2 screws
TRCC M8x50

x2

Screws : Self-drilling
TB Torx 6,3x25

⚠ **This fastening kit is compatible exclusively
with all « SOMMER » operators.**
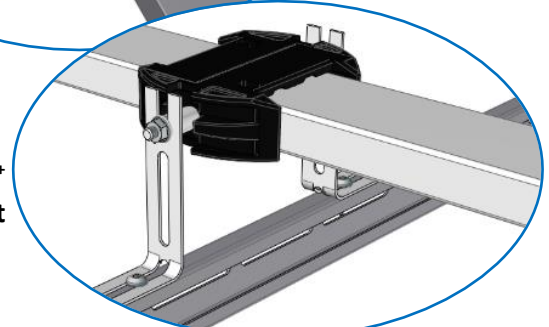
Micro switch & contact radio

Connecting the safety micro switch to the TD operator (wiring)
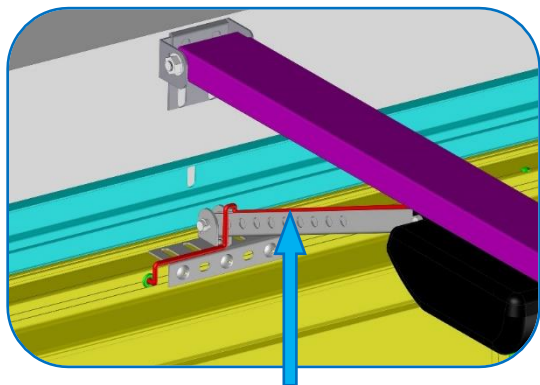
If there are 3 or 4 panels : Pass the electric cable of the micro switch along the length of the operator arm.

Drill hole : Ø8 mm

Unclip the cover

50 mm

1

1

50 mm

50 mm
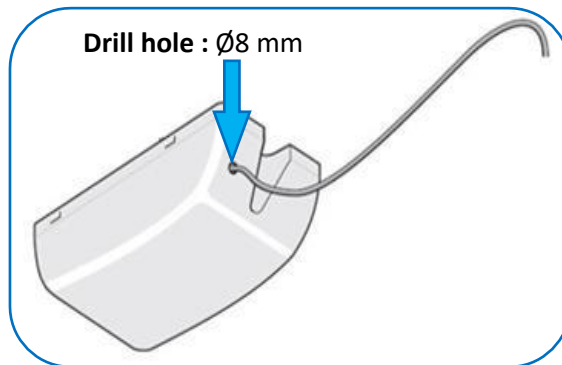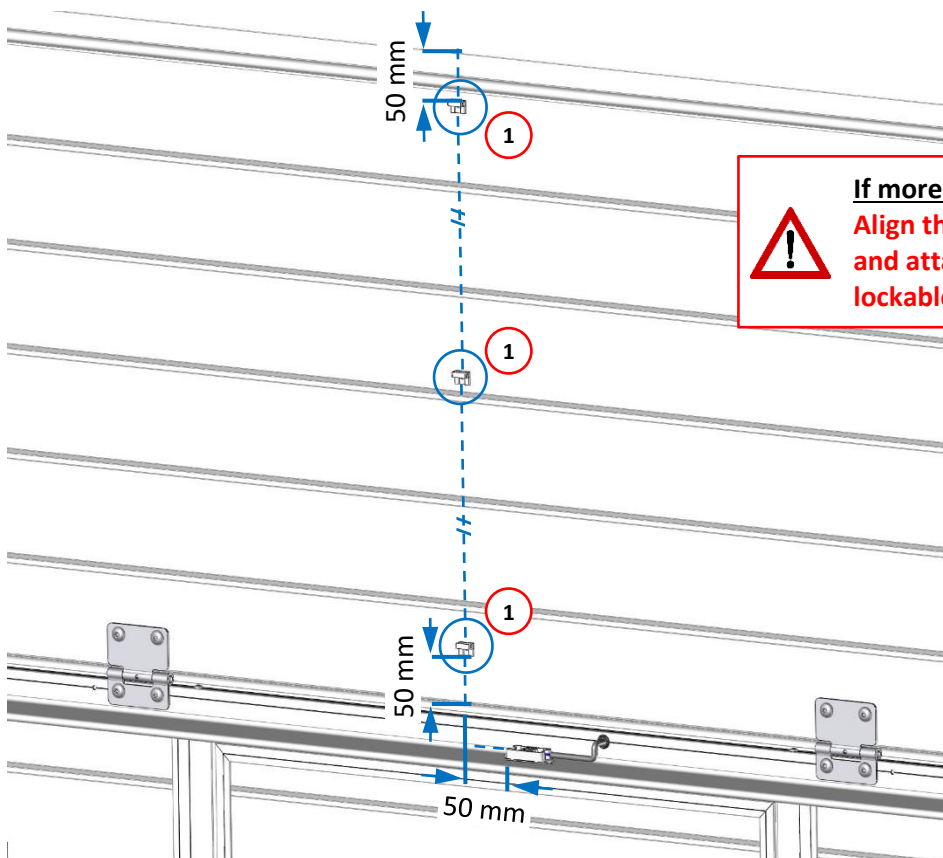
If more than 4 panels :
Align the cable towards the operator arm and attach it to the panels using the lockable adhesive cable-clamps (provided).

1

Lockable adhesive cable-clamp

Cut the white wire

2
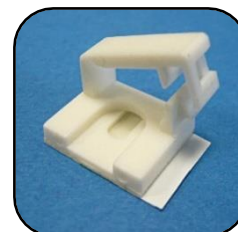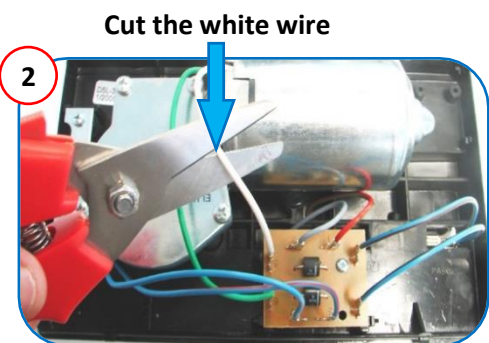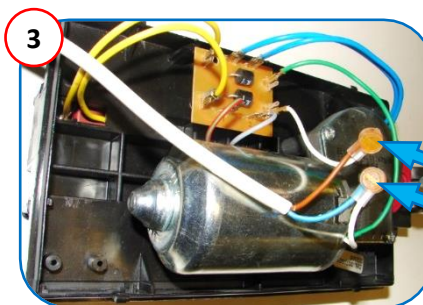
3
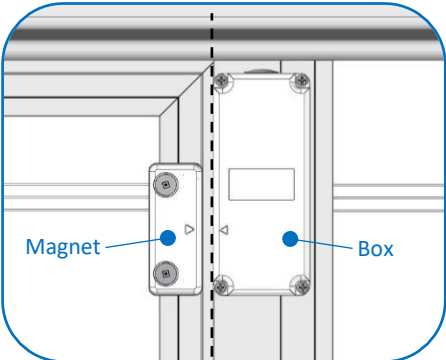
Connect the 2 white wires on the operator in sequence with the 2 micro switch wires. 2 scotchlock connectors provided.

4 Check that the micro switch is working, then clip the operator cover back on.

Installation : Safety contact radio (wireless) on top panel of wicket door

Transmitter module
(Left push wicket door)

OR

Transmitter module
(Right push wicket door)

Magnet — Box
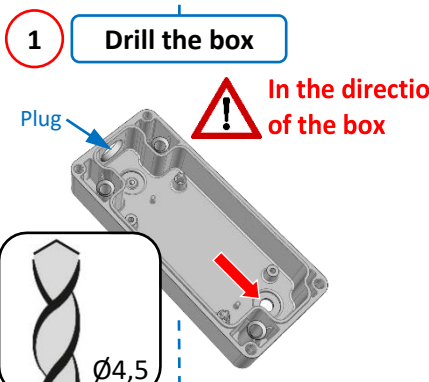
Opener — Frame

1 — Drill the box
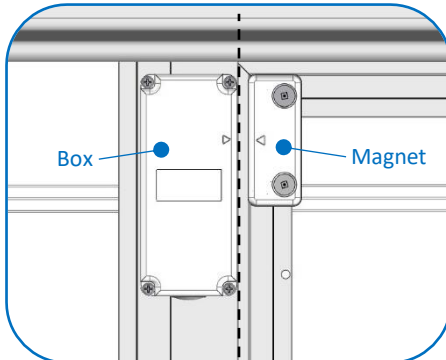
Plug

⚠ **In the direction of the box**
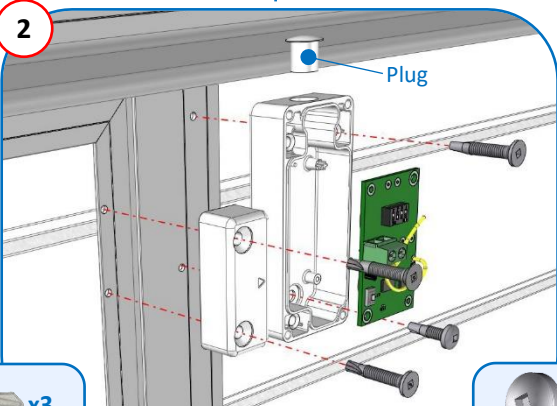
Box — Magnet

Frame — Opener

Ø4,5

Screw 1

Fittings

Screw 2

Screw 1

Fittings

Screw 2

2

Plug

x3
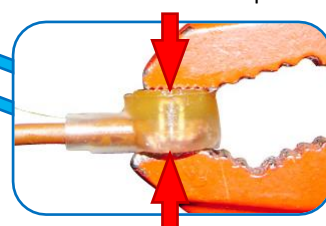**Screws :** Self-drilling TF Square 4,2x25
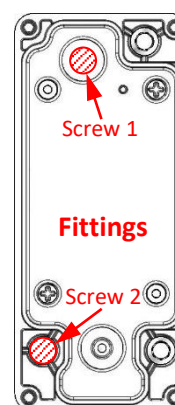
Fix the parts on the opener and frame
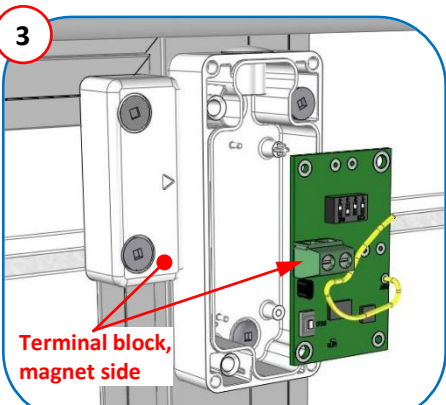
x1
Screw : Self-drilling TB Square 4,2x16

SQ2

3

Terminal block, magnet side

Reinstall the board

4

REMOVE BEFORE USE

Remove the battery isolator

5
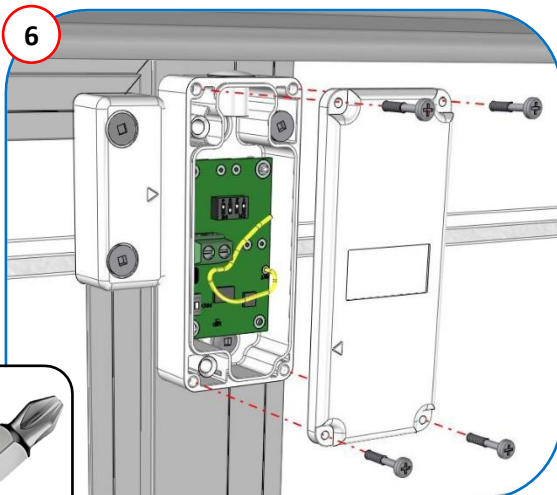
ON
1 2 3 4

Check the position of the switches

6

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.

Connection

Safety contact radio (wireless) with the TD operators (SOMMER)

Operator box

⚠ **Remove the bridge between 7 and 8**

Board terminal block (green)

⚠ **Move switch 1 to ON**

Contact radio

⚠ **Check the position of the switches**

ON
1 2 3 4
Switch 3 up (ON)

Radio receiver
(insert into wall box)

TCOG-RX
Red/Black: Power 12-24V
White/Yellow: Output Relay
Ant. □ NO/MAGNET
□ NF/8K2 Prog.

Antenna

Position 1

Yellow wire
White wire
Red wire
Black wire
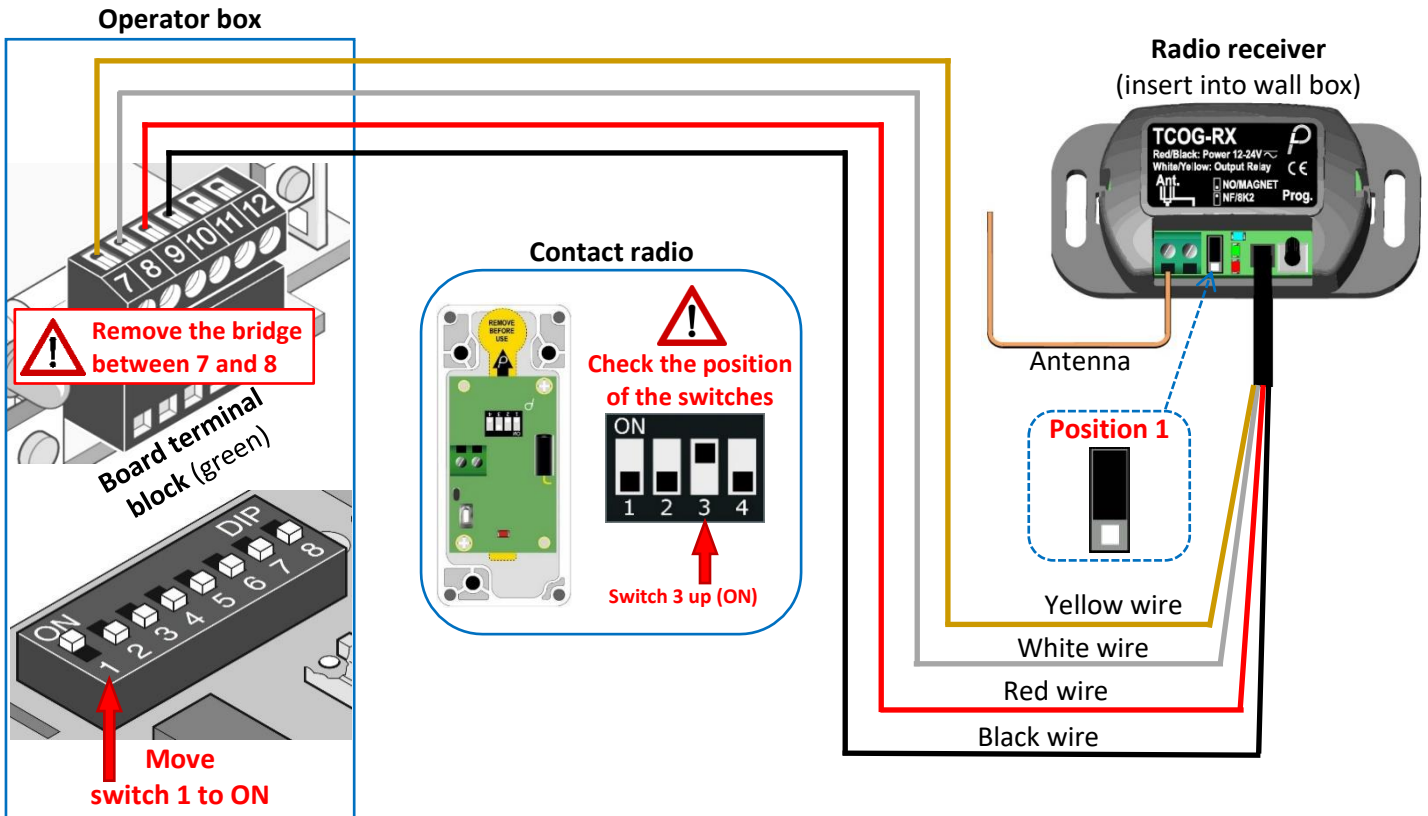
Safety contact radio (wireless) or switch (wired) with Pro⁺ (SOMMER) operators

Contact radio (wireless)

⚠ **Check the position of the switches**

ON
1 2 3 4
Switch 3 up (ON)

OR

Switch (wired)

+12V
+12V br
8K2
OSE
gn
wh
S2
White wire
Brown wire

⚠ **Remove the existing bridge**

Operator carriage circuit

Terminal block

MOTION LASER SENSO

Radio receiver
(insert it into the head of the operator, under the board)

TCOG-RX
Red/Black: Power 12-24V
White/Yellow: Output Relay
Ant. □ NO/MAGNET
□ NF/8K2 Prog.

Antenna

Position 1

Black wire
White wire
Red wire
Yellow wire

Control box

Wicket door safety power supply : **DIP 3** to « **ON** ».

ON S1
1 2 3 4
⊗ WL
24V/1A ACCU

Safety contact radio (wireless) with the Dexxo Smart io 800 operator (SOMFY)

Contact radio

Check the position of the switches

ON
1 2 3 4

Switch 3 up (ON)

Radio receiver
(insert it into the head of the operator)

TCOG-RX
Red/Black: Power 12-24V
White/Yellow: Output Relay
Ant.   NO/MAGNET
NF/8K2   Prog.

Position 1

Antenna

Black wire
Red wire

White wire
Yellow wire

Remove the bridge between 14 and 15

| 1 2 | 3 4 | | 5 6 | 7 8 9 | 10 11 | 12 13 14 15 16 | 17 18 | 19 20 |
| L N 230Vac | Aux | | Flash | 24V Tx | Batt | Start Stop | Cell | Ant |

Operator terminal block

Safety contact radio (wireless) with the Dexxo Optimo RTS operator (SOMFY)

Contact radio

Check the position of the switches

ON
1 2 3 4

Switch 3 up (ON)

Radio receiver
(insert it into the head of the operator)

TCOG-RX
Red/Black: Power 12-24V
White/Yellow: Output Relay
Ant.   NO/MAGNET
NF/8K2   Prog.

Antenna

Position 1

Remove the bridge between 3 and 4

Operator terminal block

230V 50-60Hz	Stop	Sec.	24V dc	Flash	Start	Ant.	Batt.
L N							+ -
1 2	3 4	5 6	7 8	9 10	11 12	13 14	15 16

White wire
Yellow wire
Black wire
Red wire