

SeceuroGlide Sectional Wicket Door Installation Instructions

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Please read these instructions carefully prior to commencing the installation of the door.

IMPORTANT SAFETY RULES

This equipment must be installed and used in accordance with these instructions. Failure to follow these instructions could result in damage to the integrity of the safety circuits.

Two persons are required to install this product to ensure safe handling procedures.

CAUTION

Do not wear rings, watches or loose clothing while installing or servicing the unit and ensure correct PPE is worn.

To avoid serious personal injury from entanglement, remove any loose objects from the equipment prior to operating door.

DANGER

Installation and wiring must be in accordance with your local building and electrical regulations.

Any electrical work must be carried out by a suitably qualified person, if in doubt consult a qualified electrician.

Use only the mains lead supplied with the Remote Control Unit as failure to do so will invalidate the warranty.

Connect the mains lead to an adjacent 13 amp 3 pin switched socket. The plug must be fitted with a 13 amp fuse.

Note: For optimum electrical safety this unit should be connected to circuit protected by a R.C.D. (max 30 mA trip rating).

This unit should not be installed in a damp or wet space or on a damp or single skinned wall without sufficient spacers.

DANGER

Disconnect electric power to the control unit before making repairs or removing covers.

Install the operator and/or Switch Control in a location where the garage door is visible, but out of the reach of children. The door must be in direct sight of the control and must not be operated via security or doorbell cameras. Do not allow children to operate push button(s) or remote control(s). Serious personal injury from a closing garage door may result from misuse of the operator.

CAUTION

Activate unit only when the door is in full view, free of obstructions and operator is properly adjusted. No one should enter or leave the garage while the door is in motion. Do not allow children to play near the door.

Any modifications or improvements 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 23635:2002+A1:2008.

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.

All the requirements of the standards BS EN 13241:2003+A2:2016 must be met and verified if necessary.

01. PRE-INSTALLATION

Always check on delivery that the order details are correct and the door is undamaged, especially before removing any existing doors.

Sequence of Installation & Contents

- | | |
|--|---|
| 01. Pre-Installation Check | |
| 02. Fitter's Information Pack | |
| 03. Equipment Needed for Installation | |
| 04. Kit Contents for Each Door Configuration | |
| 05. Reveal Fix - Executive Framing Option | |
| 06. Vertical Rail Installation | |
| 07. Horizontal Rail Installation | |
| | 08. Panel Assembly |
| | 09. Wicket Door Assembly |
| | 10. Final Adjustments & Optional Extras |
| | 11. Set the Limits |
| | 12. Commissioning |
| | 13. Technical Assistance |

PRE-INSTALLATION CHECK

Note: In case of power failure a manual system is fitted as standard but this can only be operated from inside the garage. If the garage has no service entrance door then an exterior release kit must be fitted to allow manual operation of the garage door from outside.

Before removing the old door check that the door size and colour correspond with that which was ordered.

Structural Condition of Opening

- i. Ensure the area around the opening is strong enough to support the weight of the door.
- ii. The surface where the door is to be fitted must be flush and reasonably smooth. Small irregularities in the brickwork will be acceptable.
- iii. No obstacles in fitting footprint eg. no sharp objects, pipes, cables, bumps etc. sticking out from the pillars, lintel or header.
- iv. The lintel must not protrude backwards or forwards from the brick piers. Should the lintel protrude backwards or forwards from the brick piers this will require special instructions, please consult your supplier.
- v. The floor must be flat/level. If necessary install a sub-frame to ensure secure, flush and level fixing (recommended minimum 70 X 70 PAR). The lintel must not protrude backwards or forwards from the brick piers. Should the lintel protrude backwards or forwards from the brick piers this will require special instructions, please consult your installer.

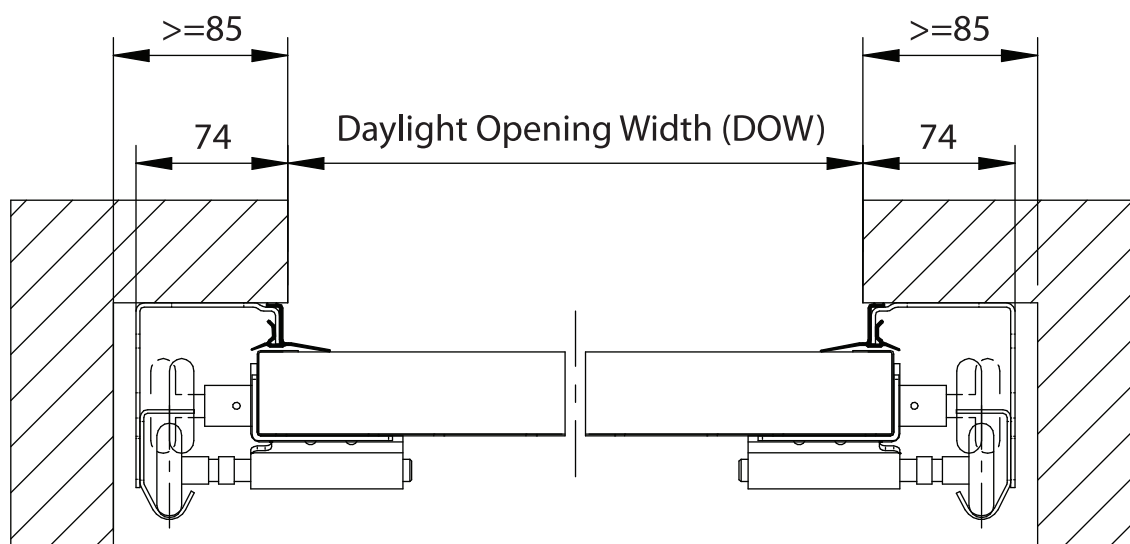
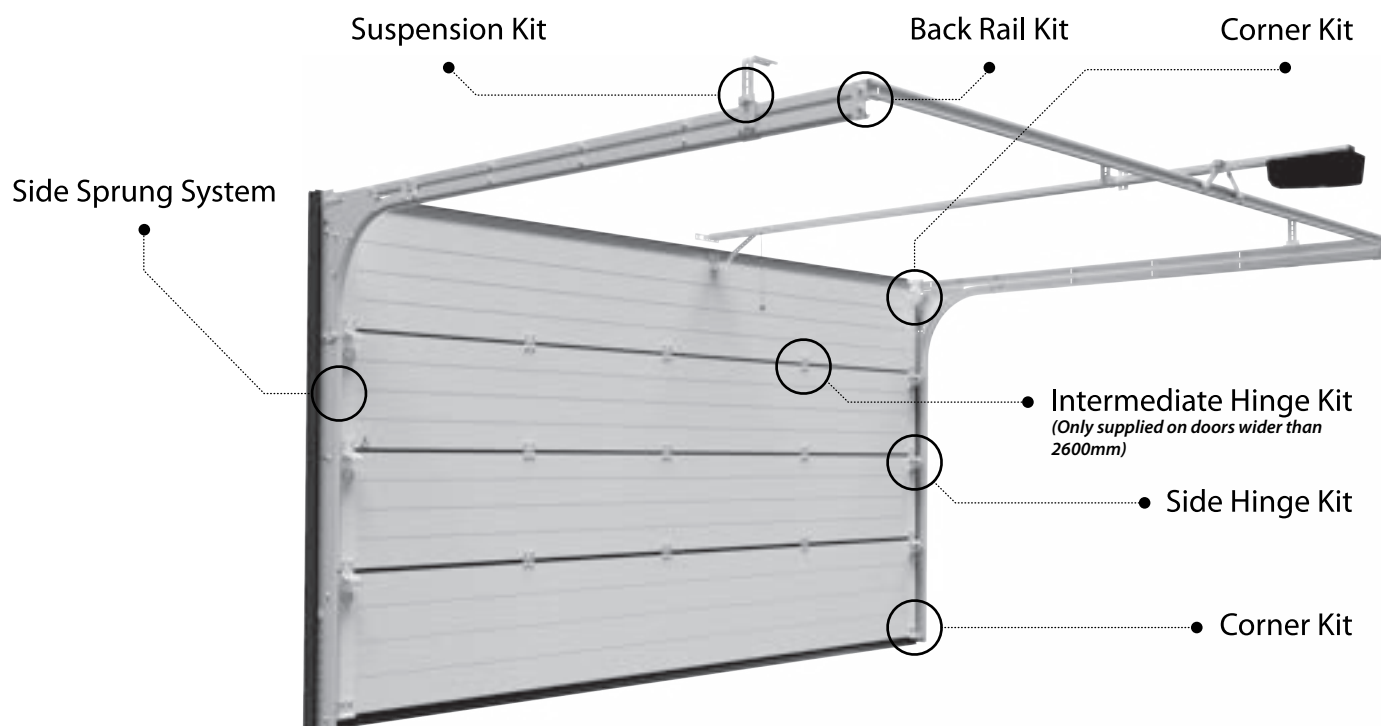
Fitting Notes

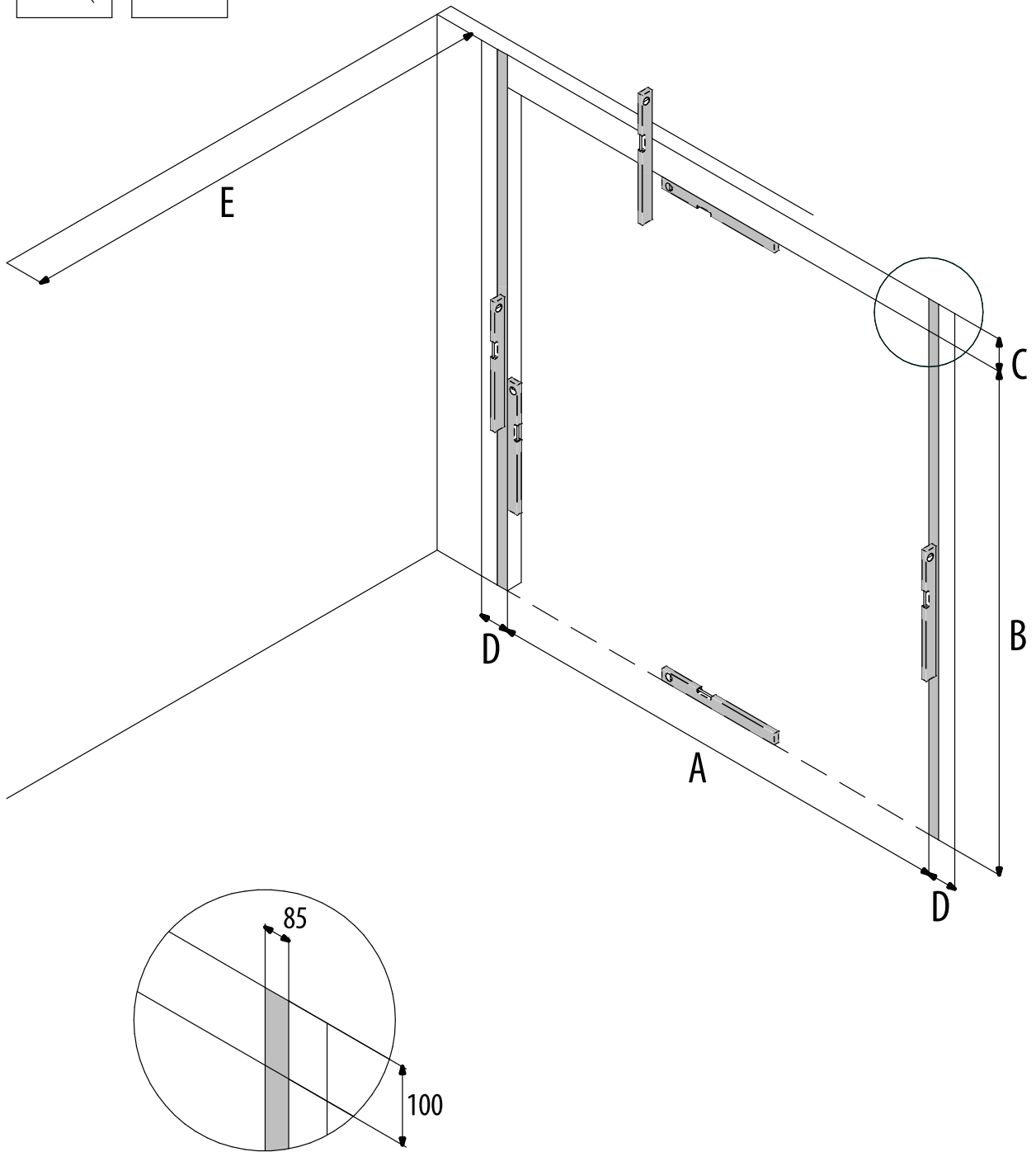
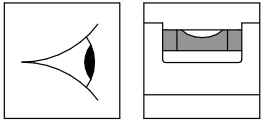
- vi. It is recommended that 2 people are available for fitting all door sizes.
- vii. The door must be fitted square and level, irrespective of the shape of the opening; on no account should any compensation be made to suit an irregular opening.
- viii. Ensure all necessary tools are to hand before starting.
- ix. The door package and its contents should be checked for obvious damage before removal of the wrapping.

IF THERE IS ANY DAMAGE YOUR SUPPLIER SHOULD BE CONTACTED IMMEDIATELY.

- x. Ensure there is a suitable 13 amp 3 pin switched socket adjacent to where the operator is to be fitted.
- xi. Ensure all tools and door components are gathered together inside the garage prior to starting the installation.

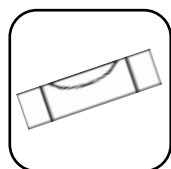
02. FITTER'S INFORMATION PACK



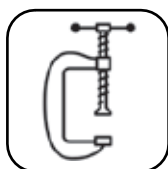


A	B	C	D	E
DLW	DLH	FLW	FSR	FMD
Daylight Width	Daylight Height	Free Head Room	Free Side Room	Free Mounting Depth

03. EQUIPMENT NEEDED FOR INSTALLATION



Spirit level



Clamp



Laser level



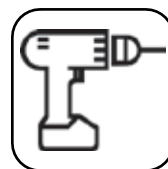
Plumb bob



Tape
measure



Utility knife



Electric
screwdriver



10 and
30
Socket



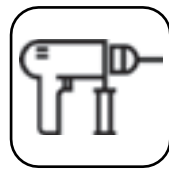
Pozi bit



10 and
30
Flat wrench



Allen key



Hammer drill



Torx bit



Ladder



Phillips
screwdriver



Flat
screwdriver



Pencil



Grinder



Combination
pliers



Crimping
pliers



Locking
pliers



Steel drill bit
Ø2-4.2-4.5-10-13



Hammer



Rivet
gun



Hacksaw



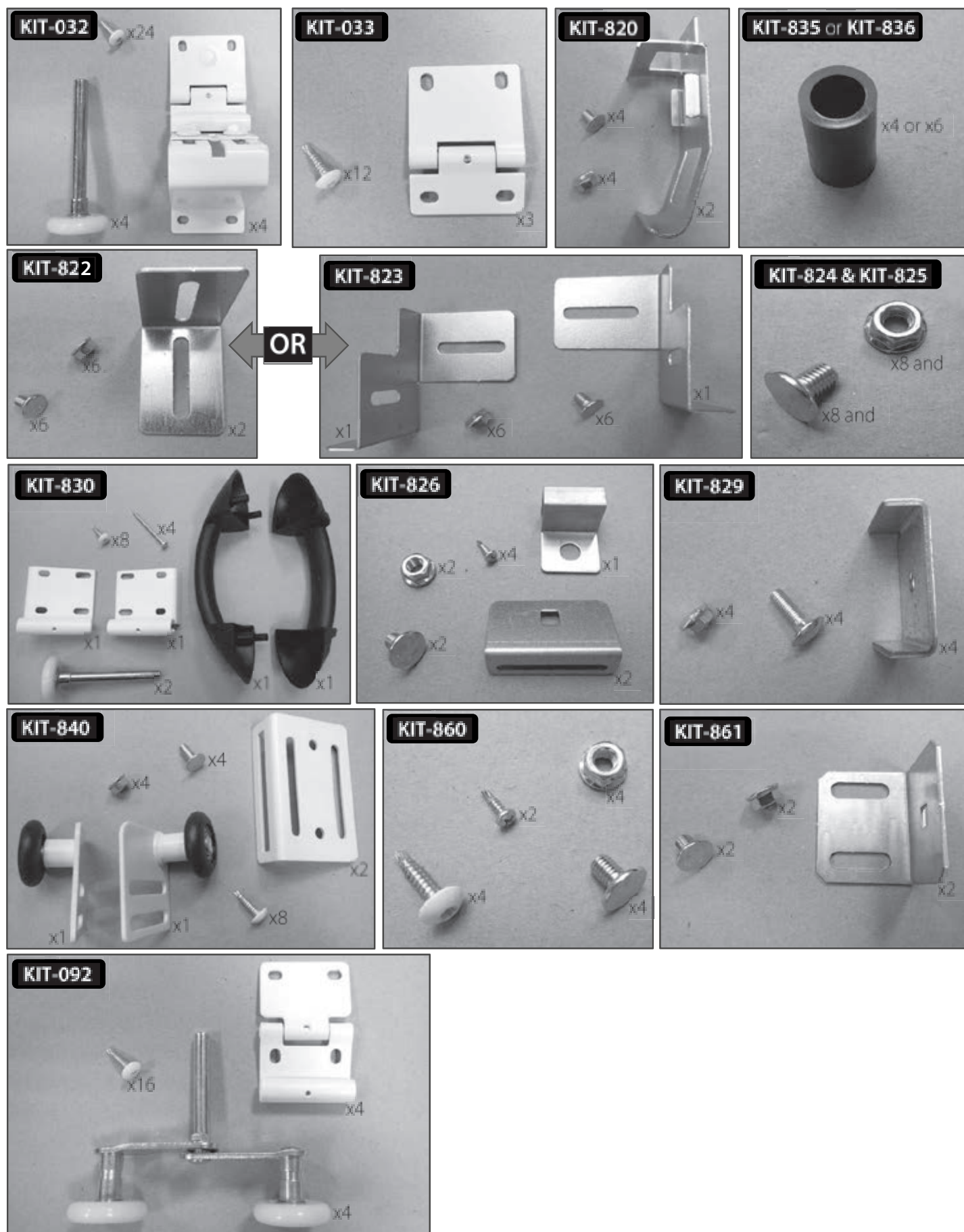
Silicone
sealant



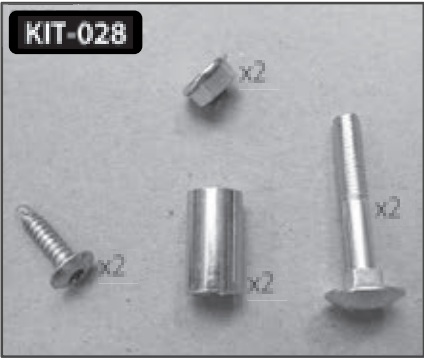
Grease spray

04. KIT CONTENTS FOR EACH DOOR CONFIGURATION

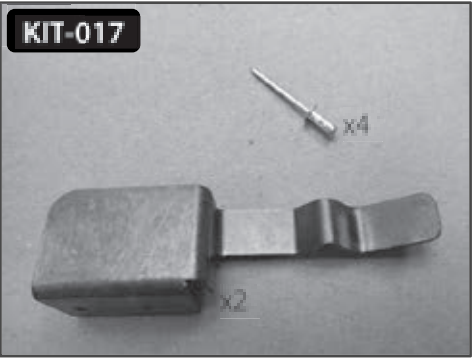
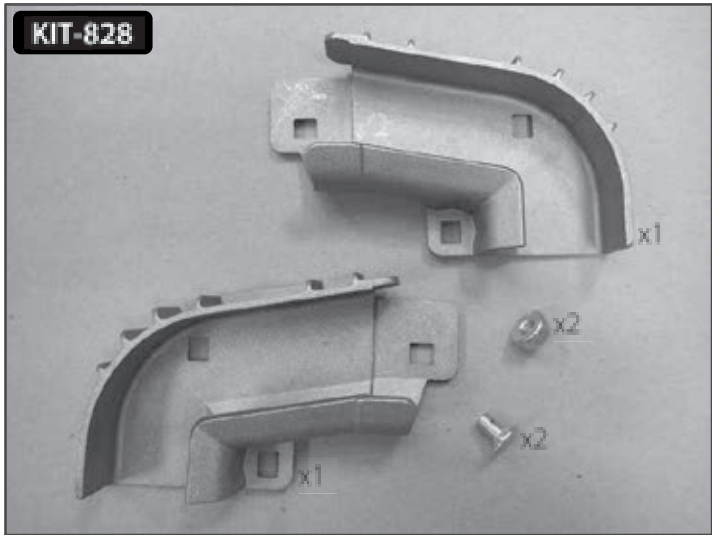
KIT CONTENTS FOR MOTORISED AND MANUAL DOORS



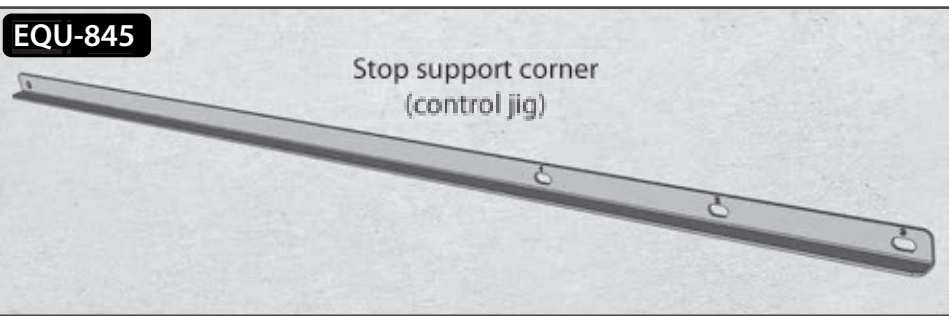
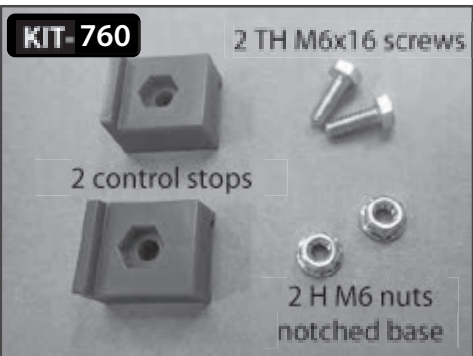
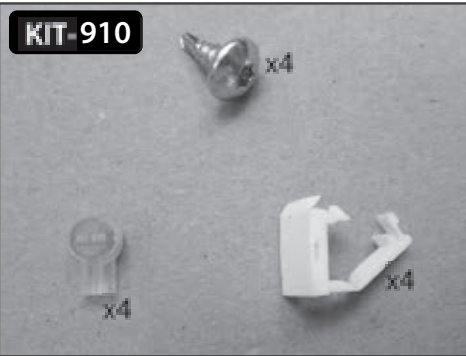
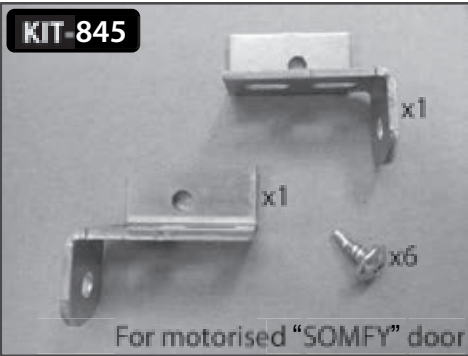
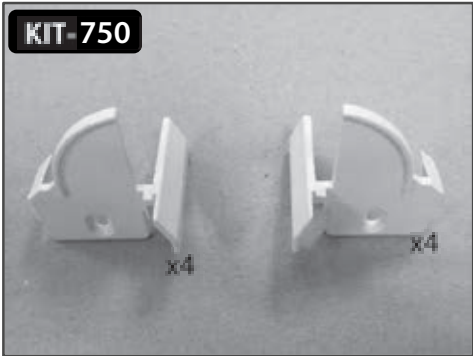
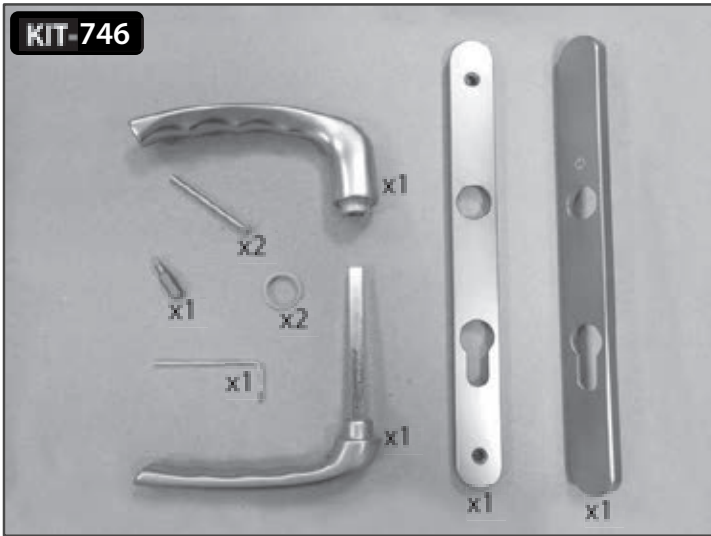
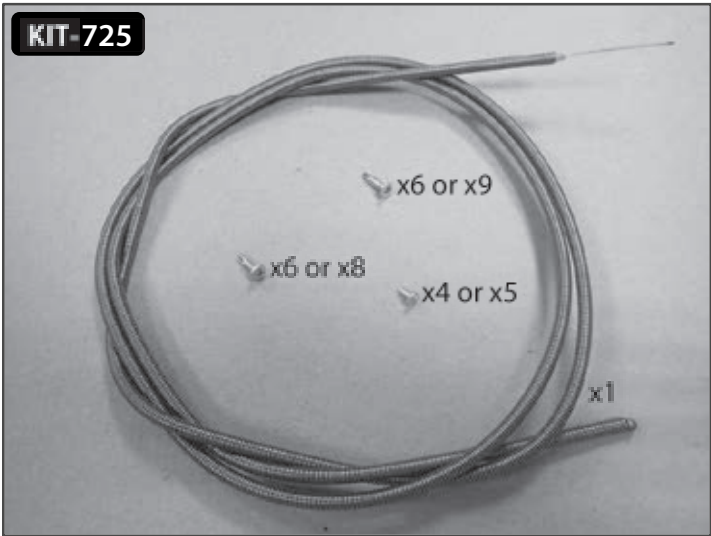
KIT CONTENTS FOR MOTORISED DOORS



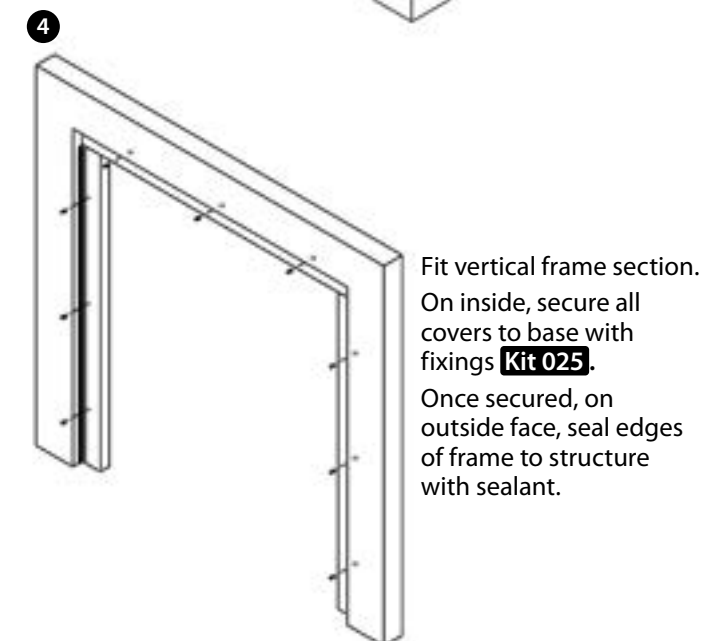
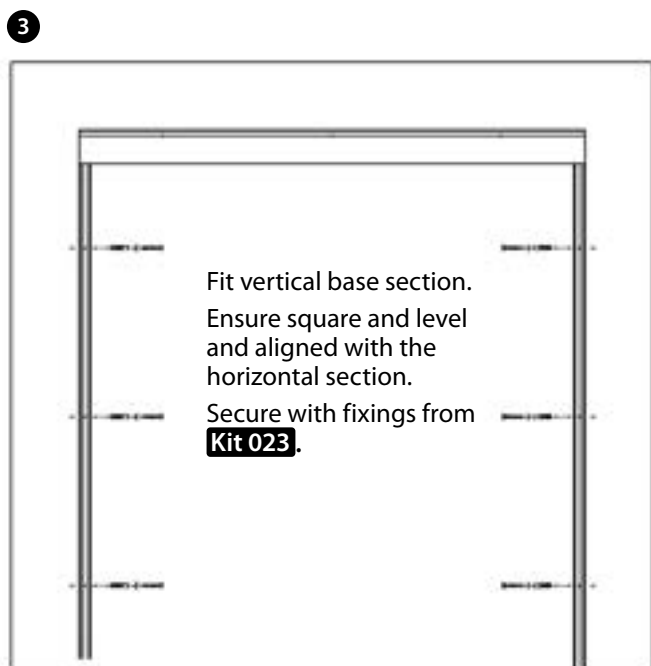
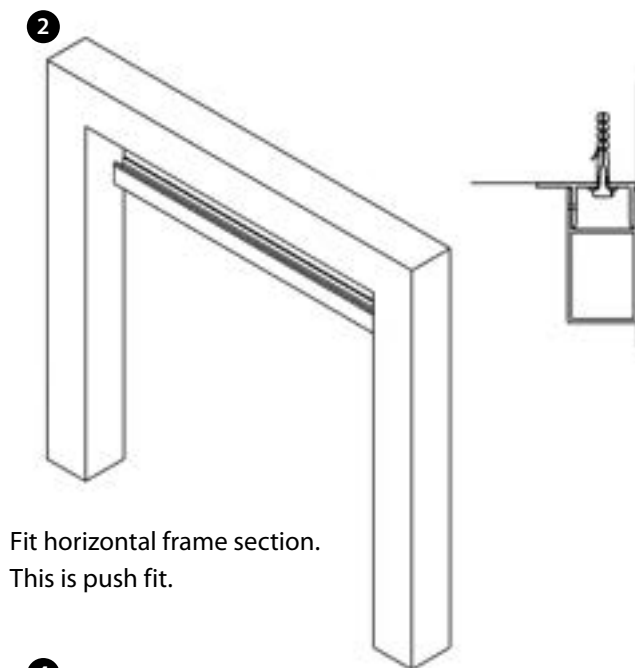
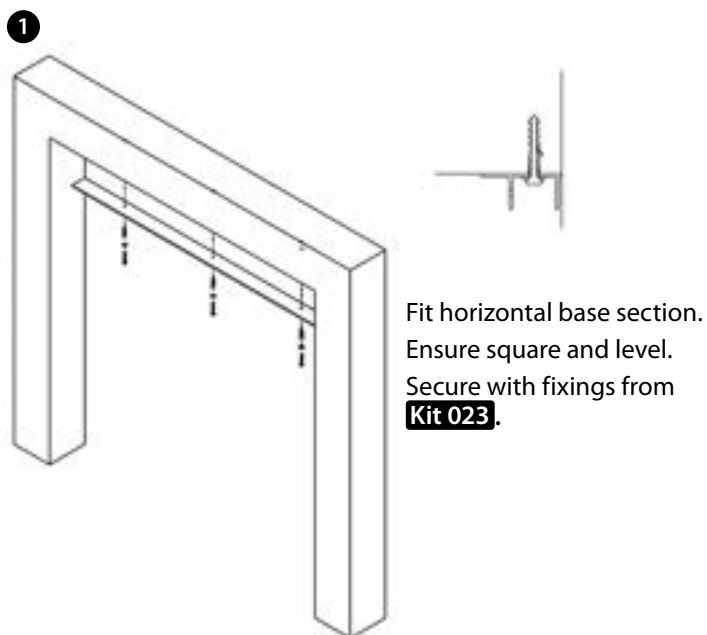
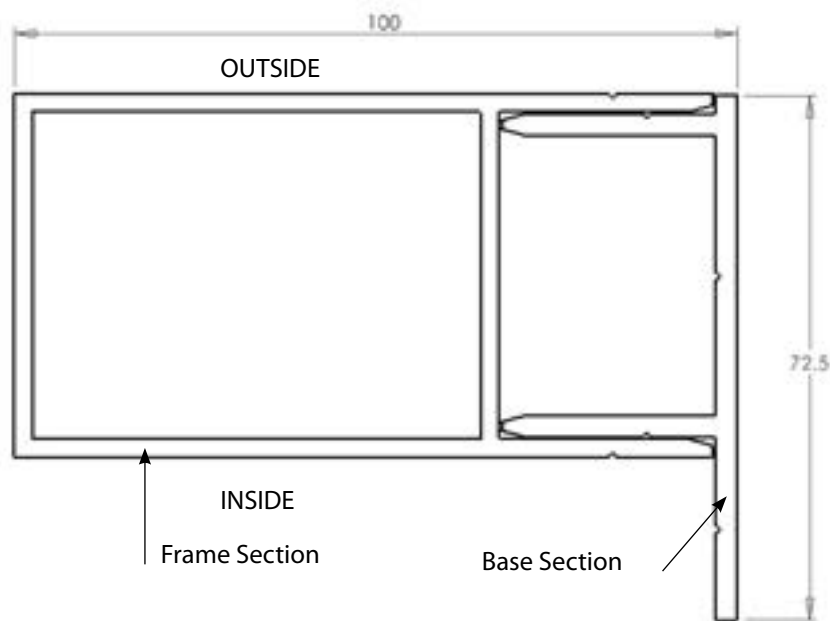
KIT CONTENTS FOR MANUAL DOORS



KIT CONTENTS FOR WICKET DOORS

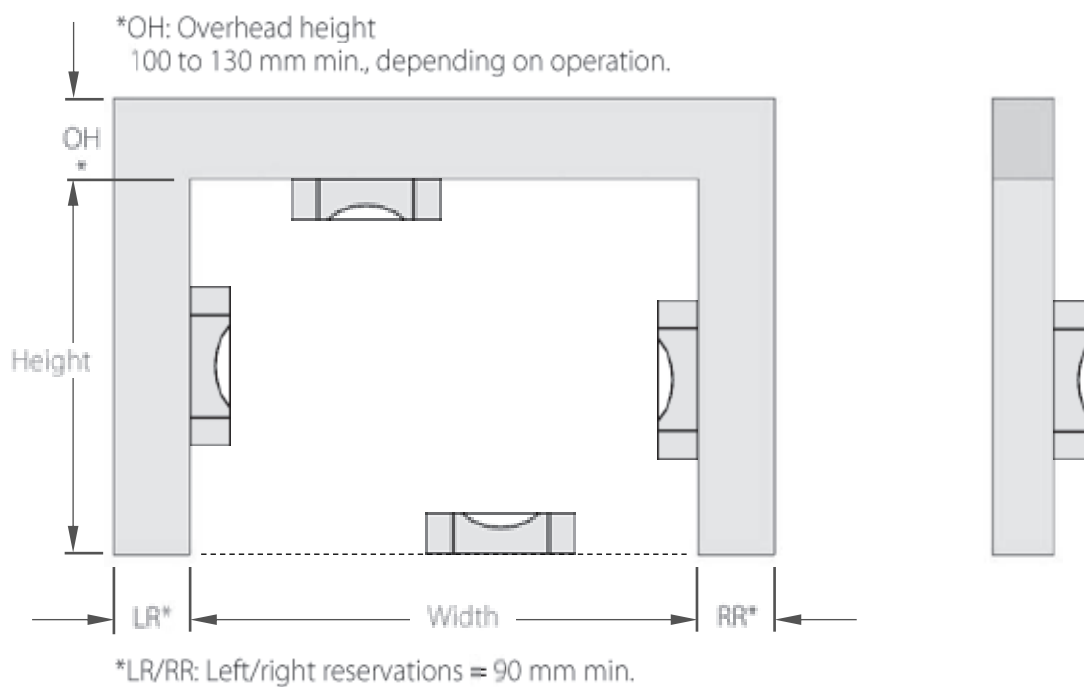
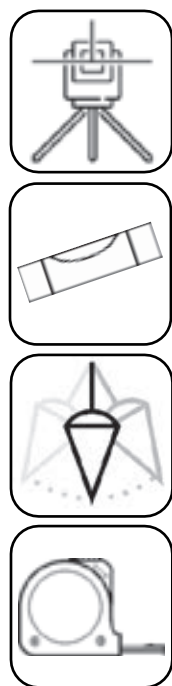


05. REVEAL FIX - EXECUTIVE FRAMING KIT OPTION



06. VERTICAL RAIL INSTALLATION

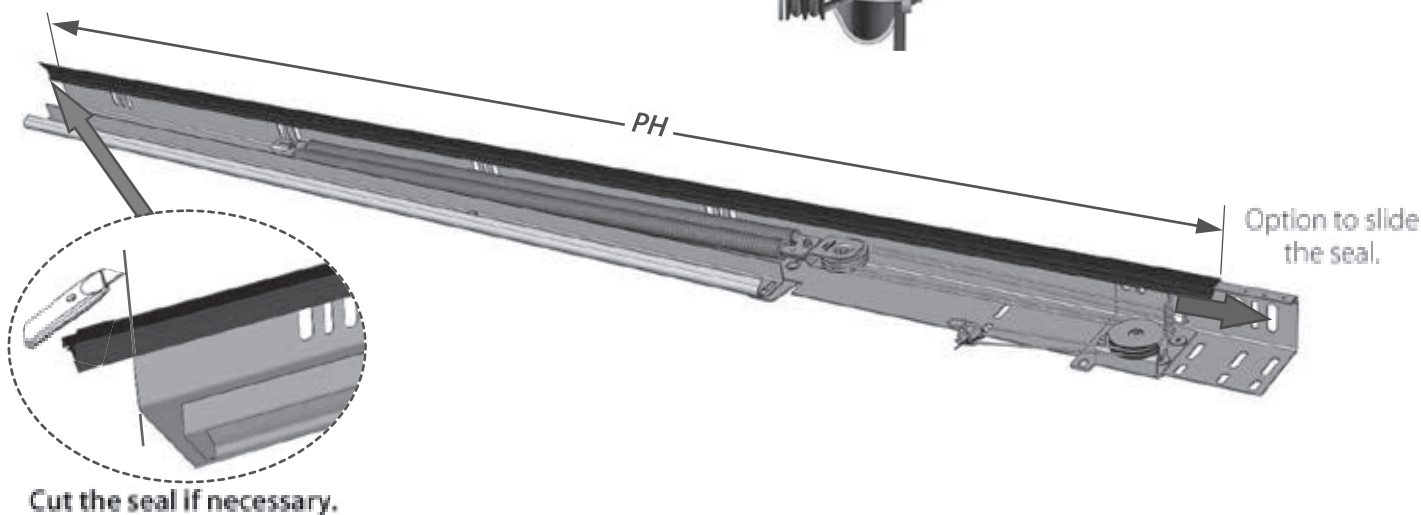
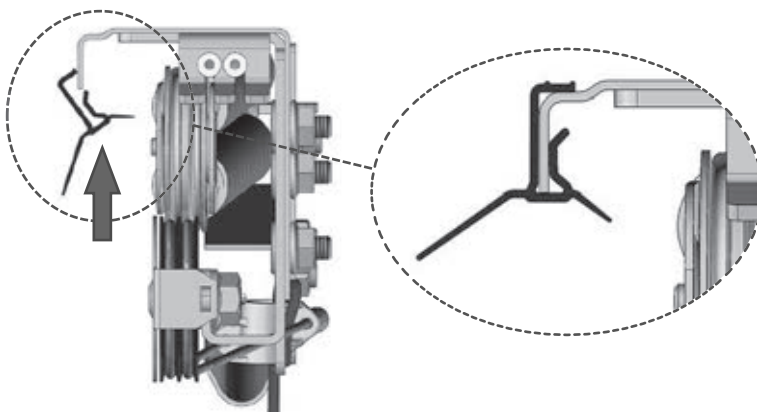
CHECKING THE OPENING

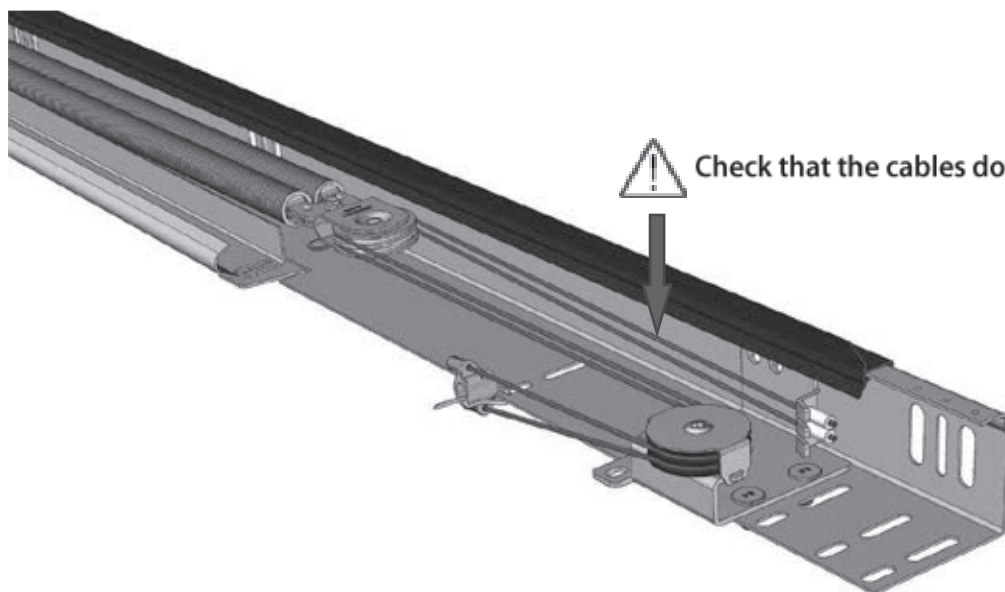


ASSEMBLING THE VERTICAL RAIL




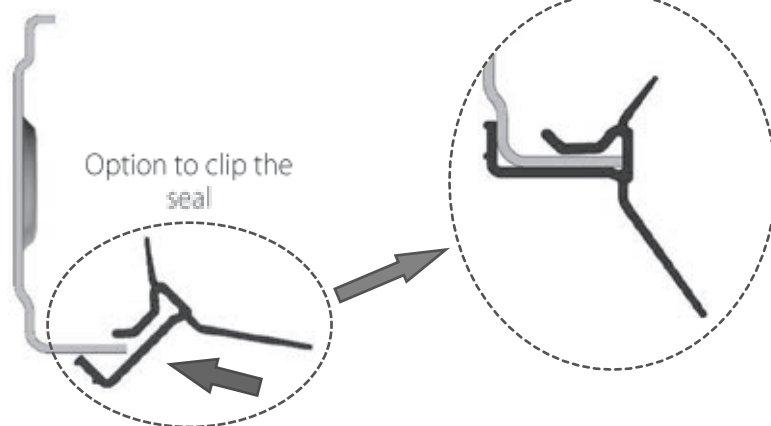
Option to clip the seal.





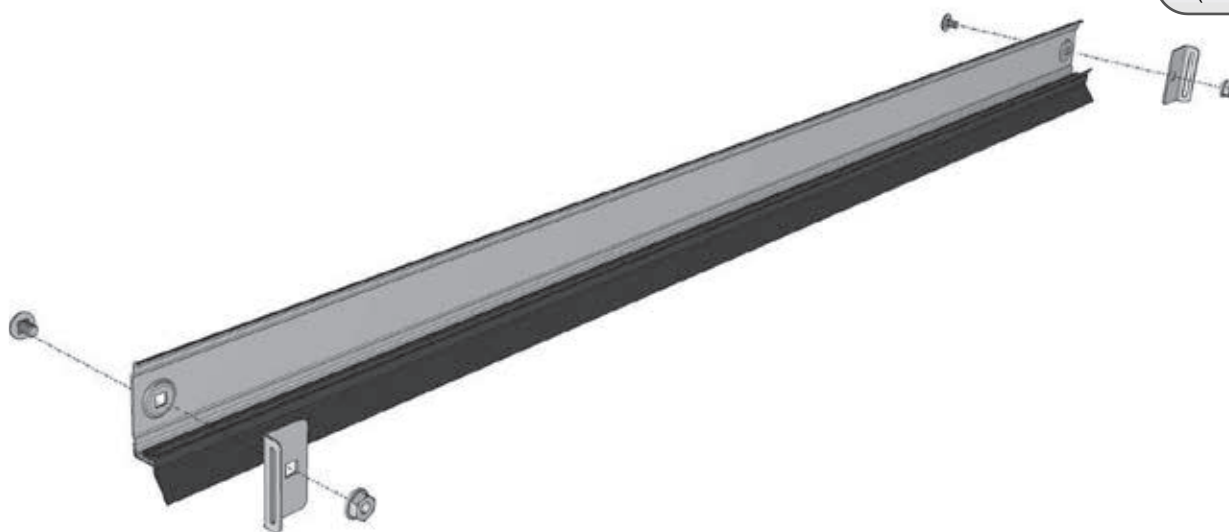
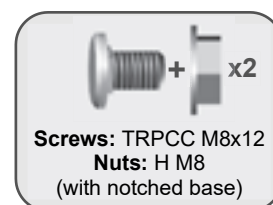
ASSEMBLING THE FASCIA SEAL

 Remove the protective film before assembling the seal.

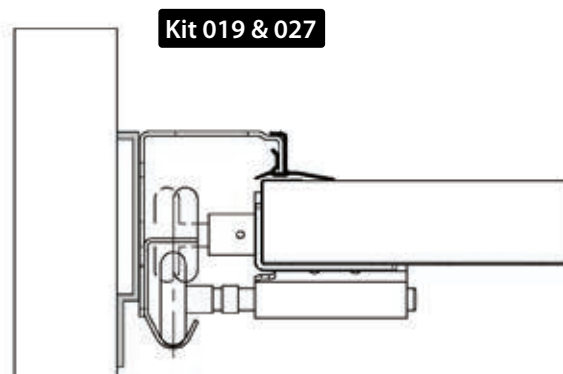
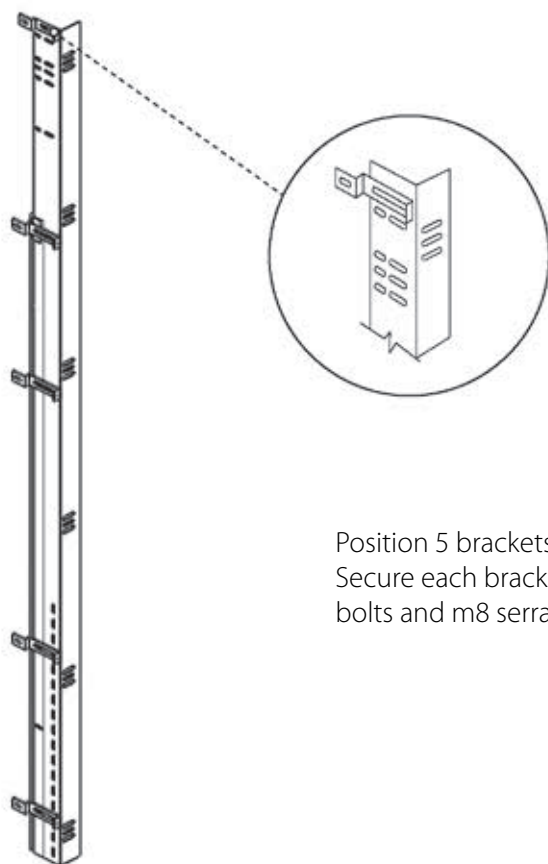


Option to slide the seal

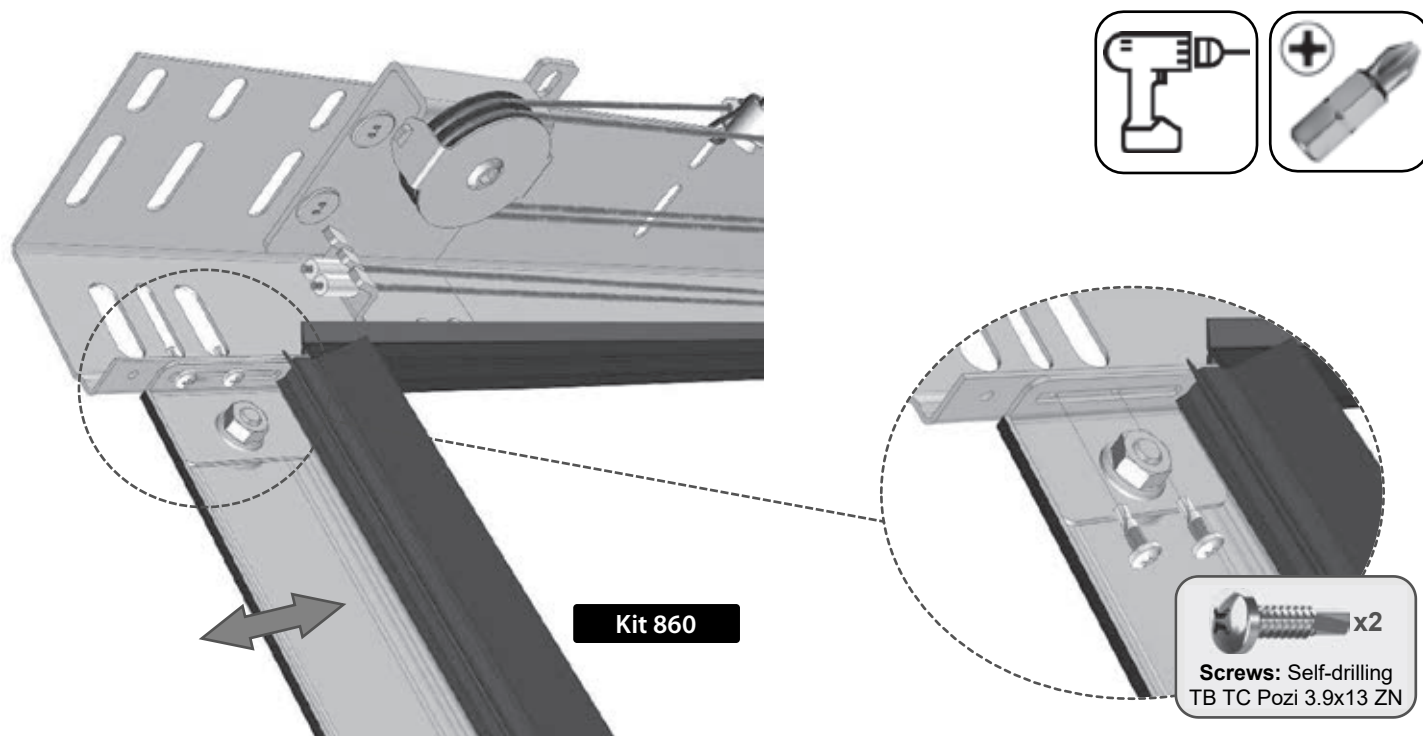
ASSEMBLING THE FASCIA



REVEAL BRACKETS



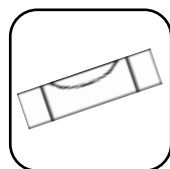
Position 5 brackets per side.
 Secure each bracket with 2 M8 x 18
 bolts and m8 serrated nuts.



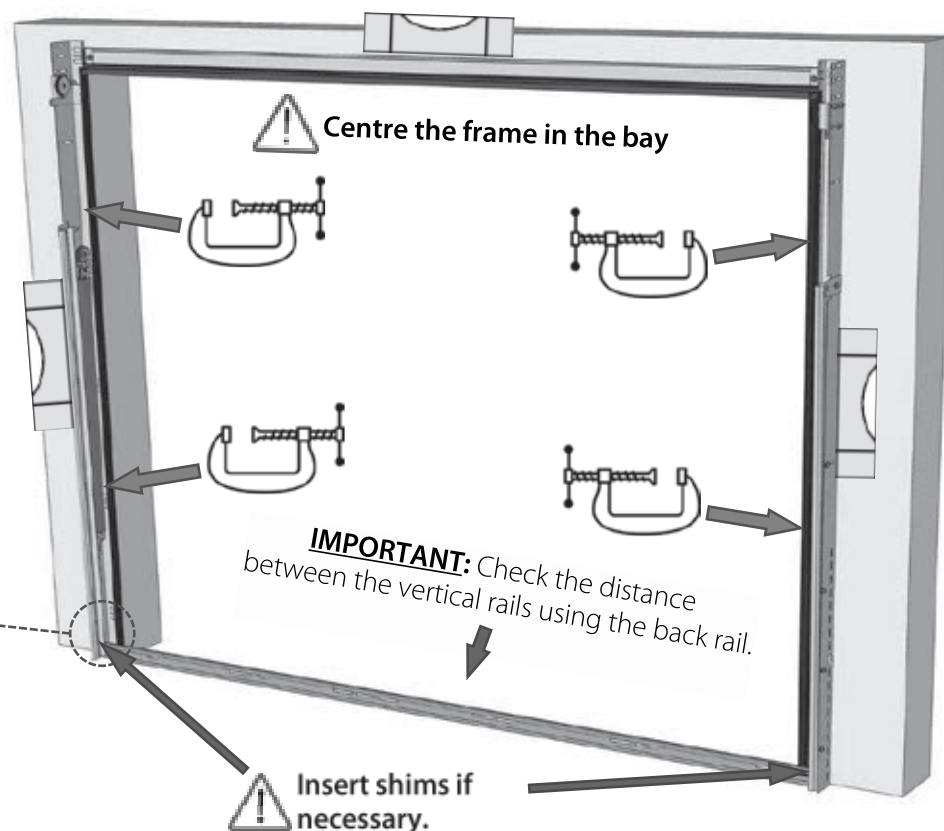
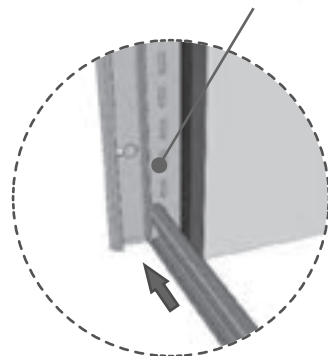
The vertical position of the fascia will be adjusted once the rails have been mounted on the wall.

Repeat the process with the other vertical rail.

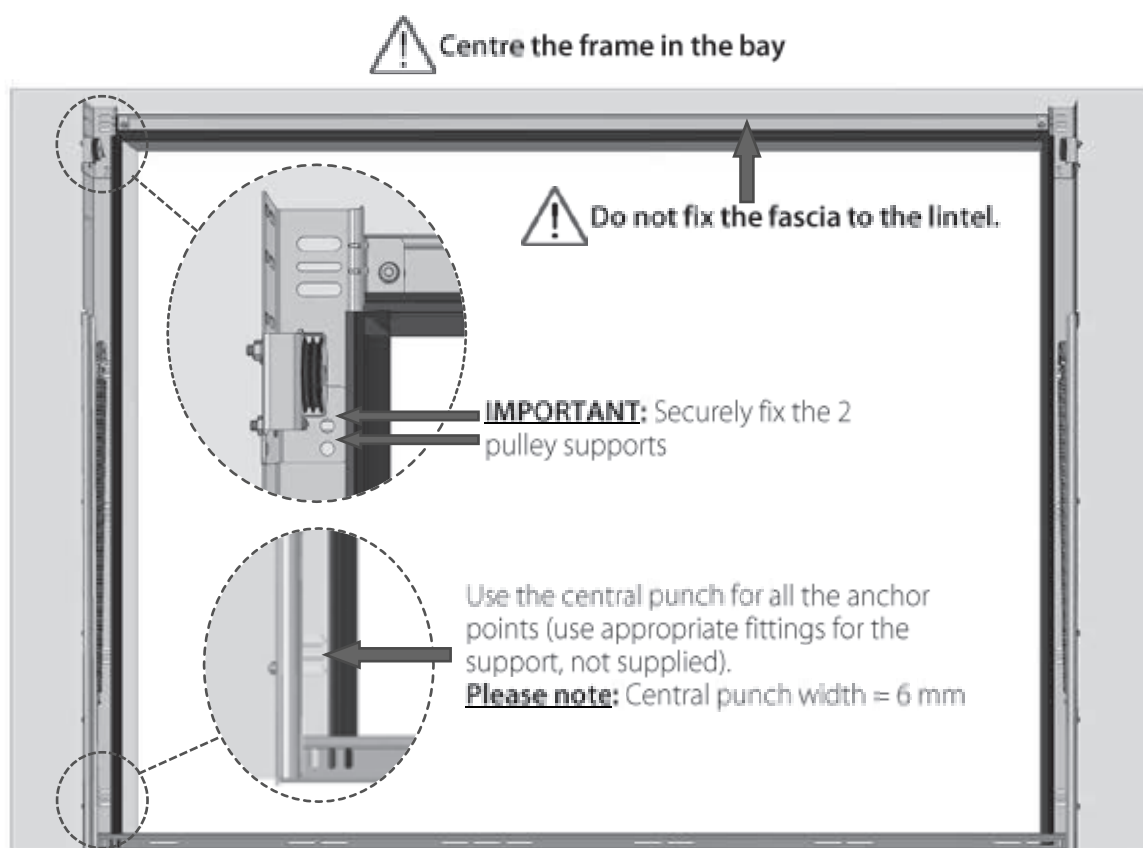
LAYOUT OF THE FRAME



The back bar must be in contact with the backstop.



FIXING THE VERTICAL RAILS



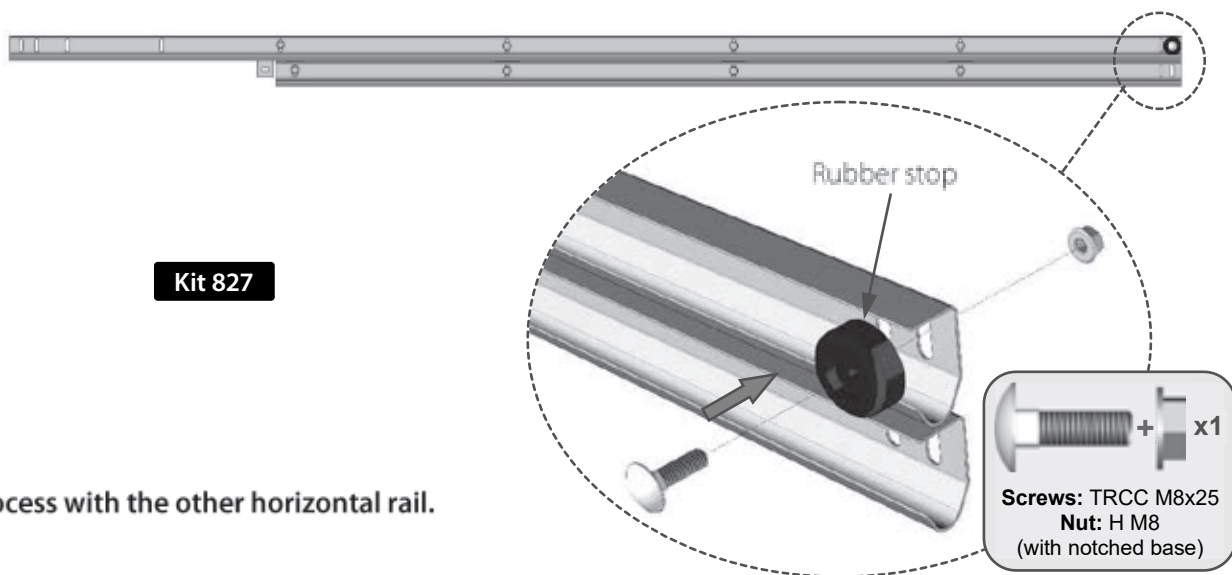
Repeat the process on the opposite side.

07. HORIZONTAL RAIL INSTALLATION

ASSEMBLING THE STOPS (MOTORISED DOORS)

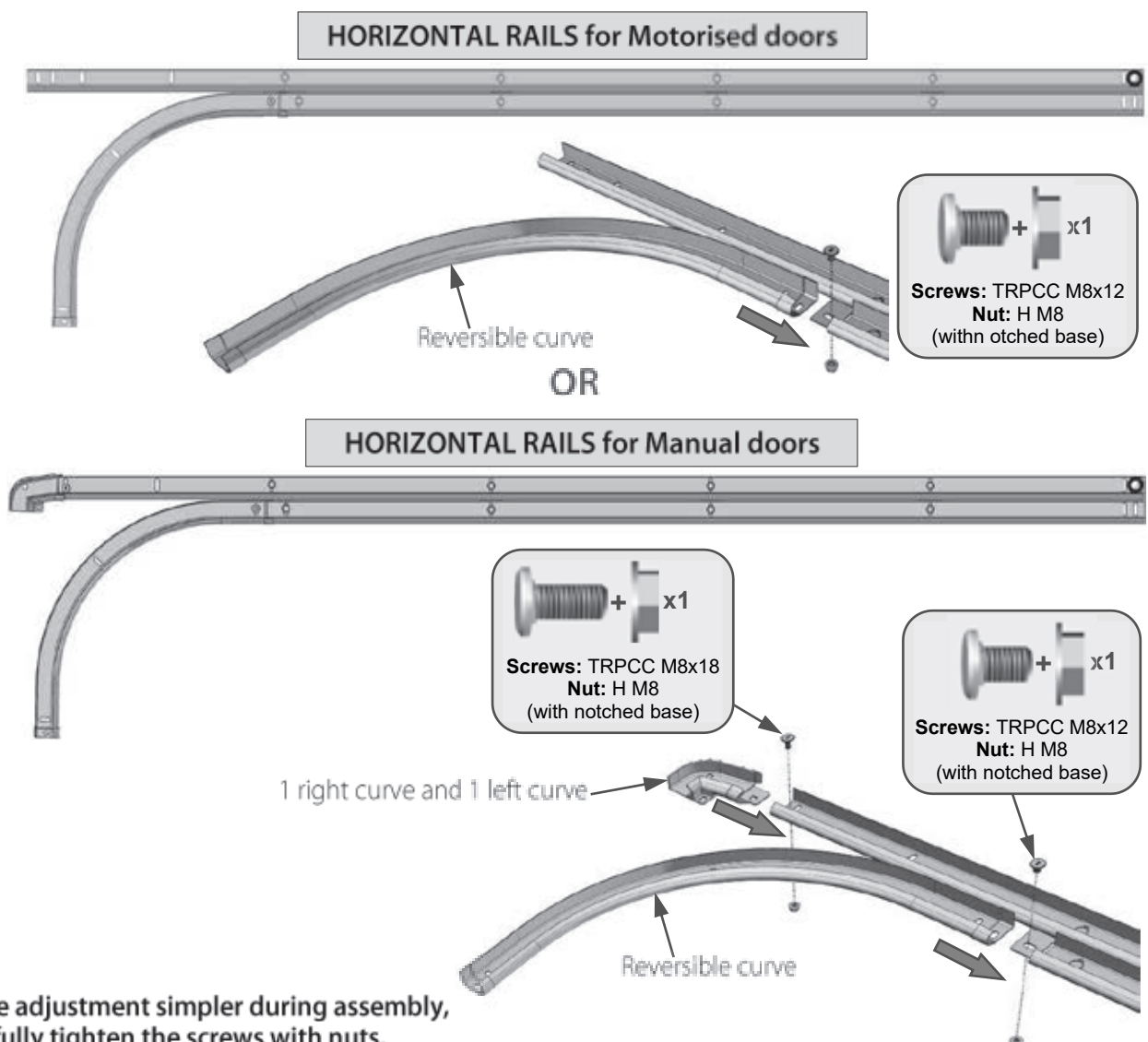


Kit 827

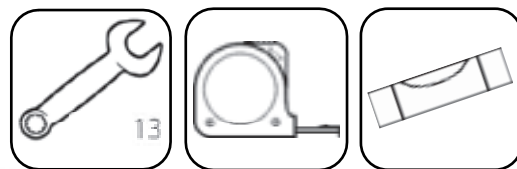


Repeat the process with the other horizontal rail.

ASSEMBLING THE CURVES



MOTORISED door




Value 2 = Value 1

Value 1

Kit 824 & 825

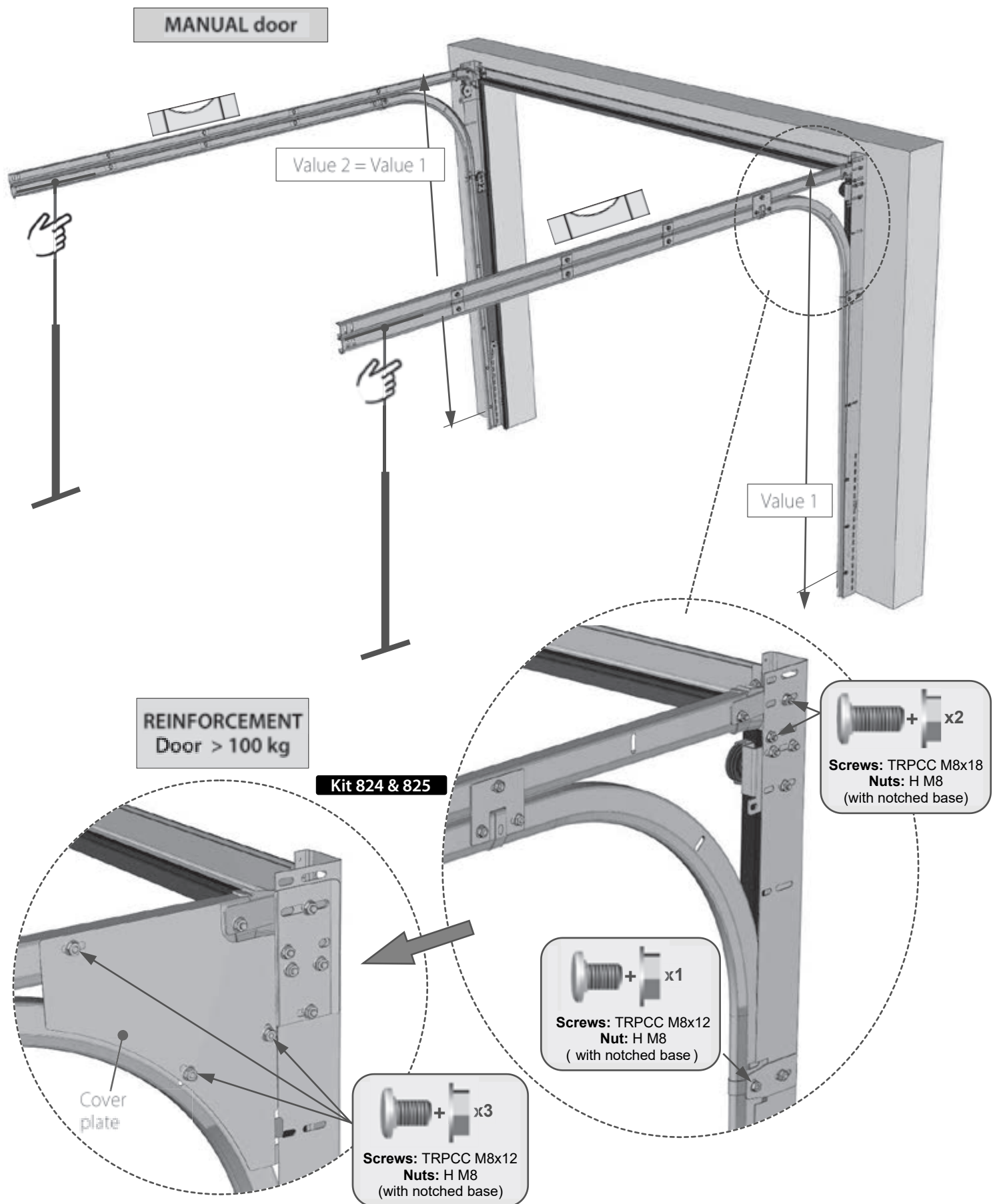
REINFORCEMENT
Door > 100 kg

 x2
Screws: TRPCC M8x18
Nuts: H M8
(with notched base)

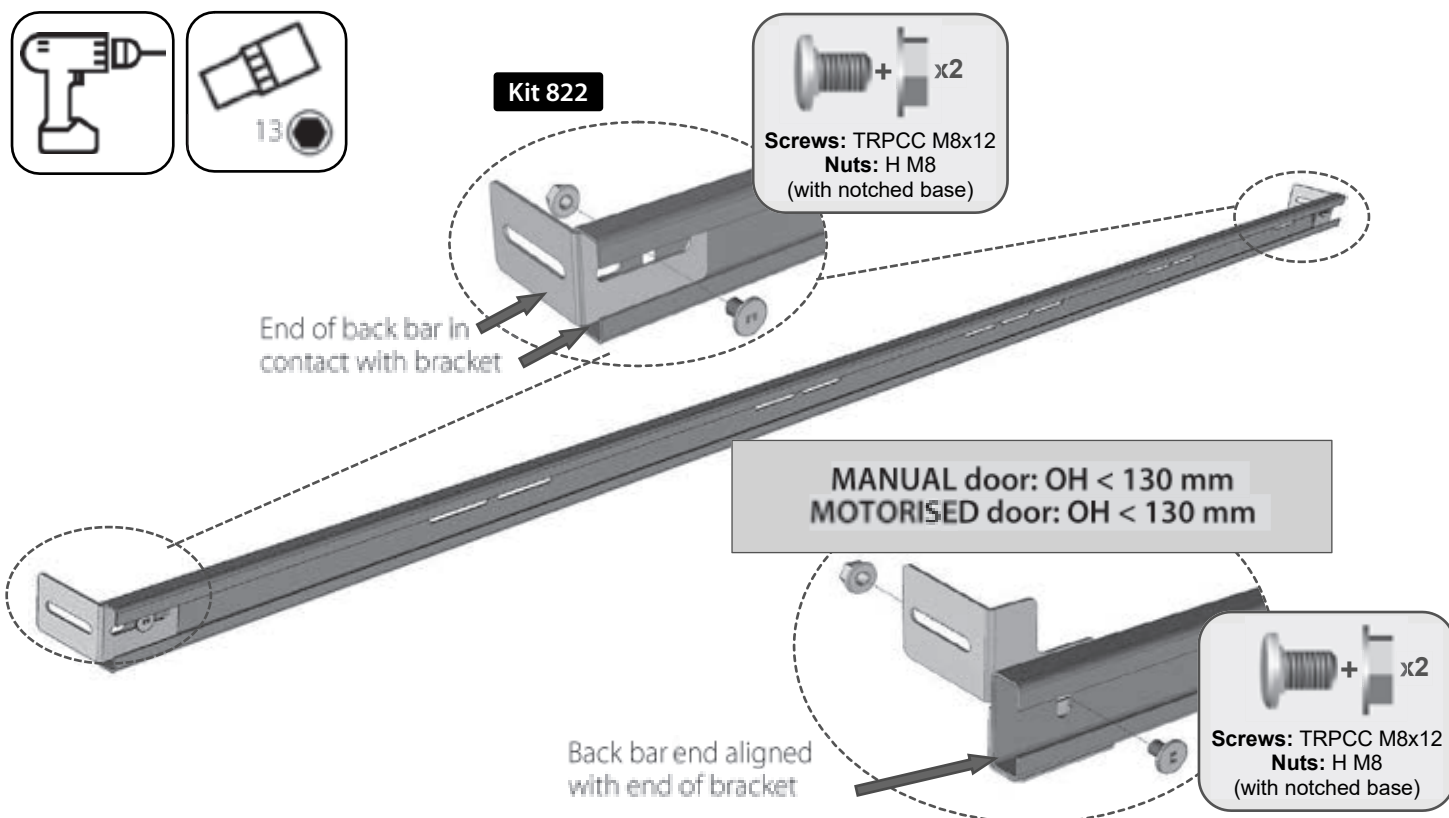
 x1
Screws: TRPCC M8x12
Nut: H M8
(with notched base)

 x3
Screws: TRPCC M8x12
Nuts: H M8
(with notched base)

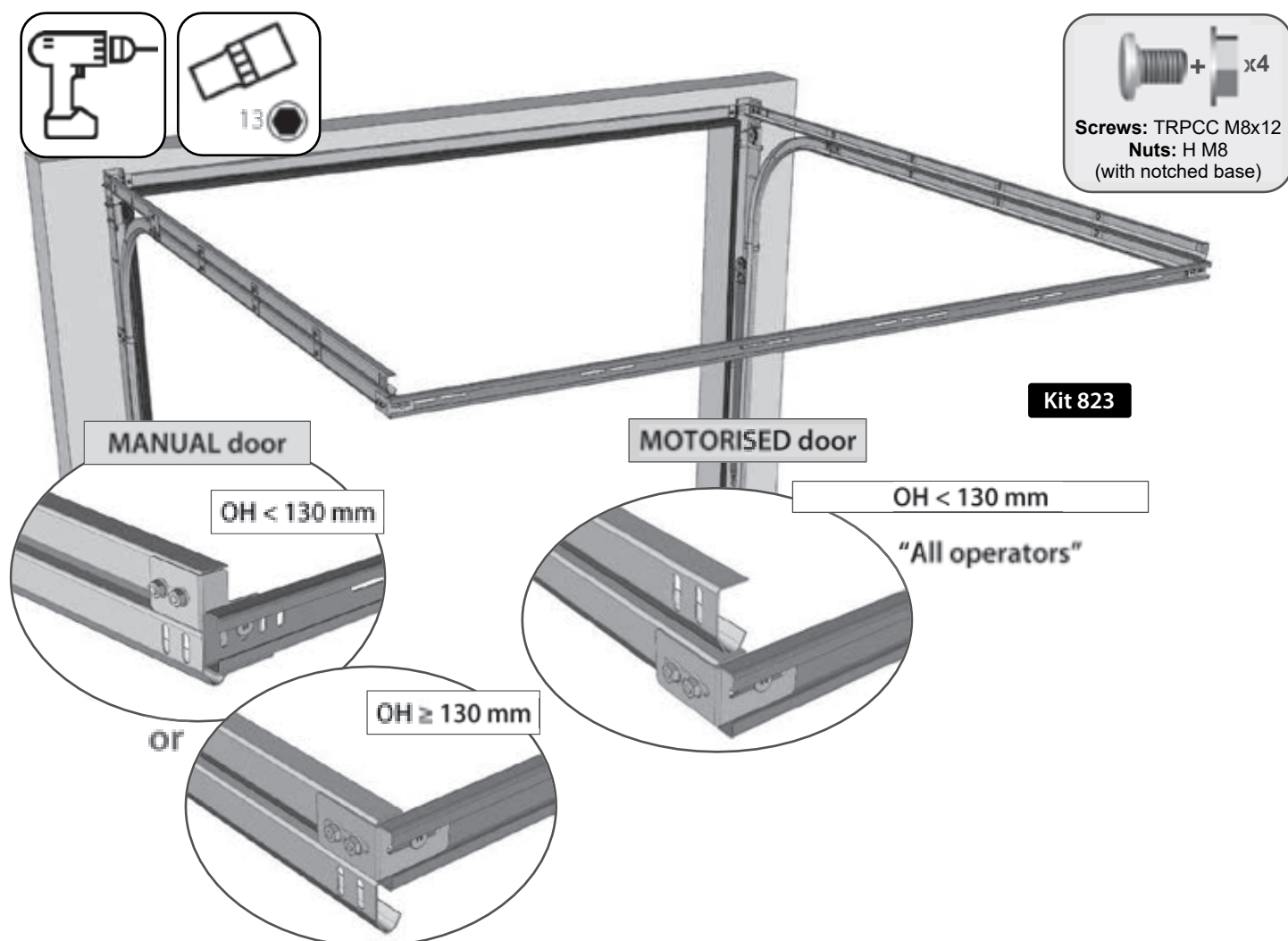
Cover plate



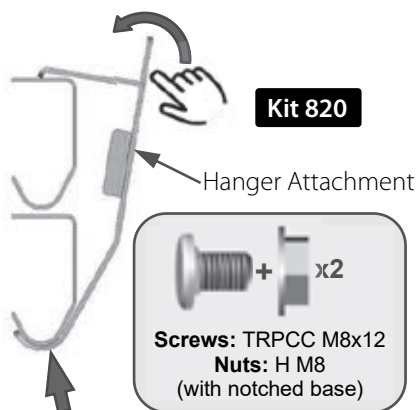
ASSEMBLING THE BACK BAR BRACKETS



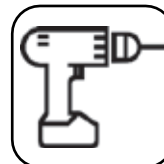
INSTALLING THE BACK BAR



INSTALLING THE HANGERS



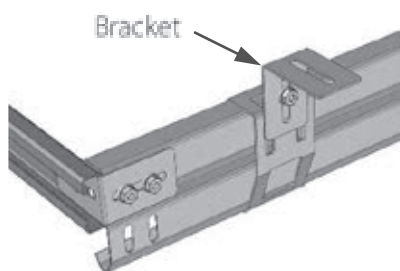
Do not fasten the hangers to the masonry.
Do not fully tighten the screws with nuts.



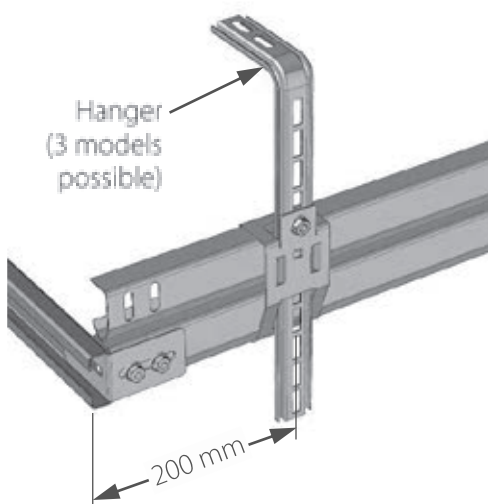
Adapt the number of hangers to the dimensions of the doors:

- 2 hangers, if $PW \leq 3000$ or $PH \leq 2150$ mm
- 4 hangers, if $PW > 3000$ or $PH > 2150$ mm

Assembly: $OH < 130$ mm

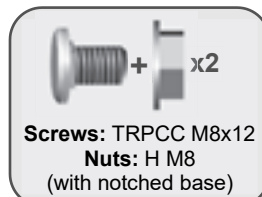


Assembly: $130 \text{ mm} \leq OH \leq 440$ mm

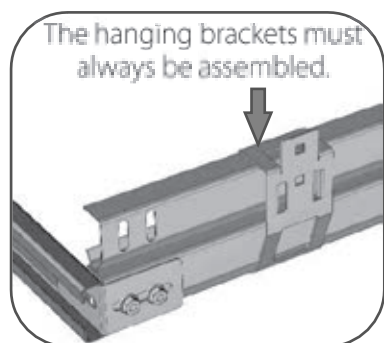


Assembly: $OH > 440$ mm

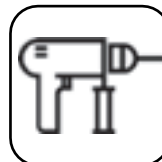
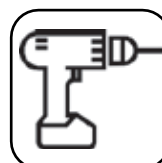
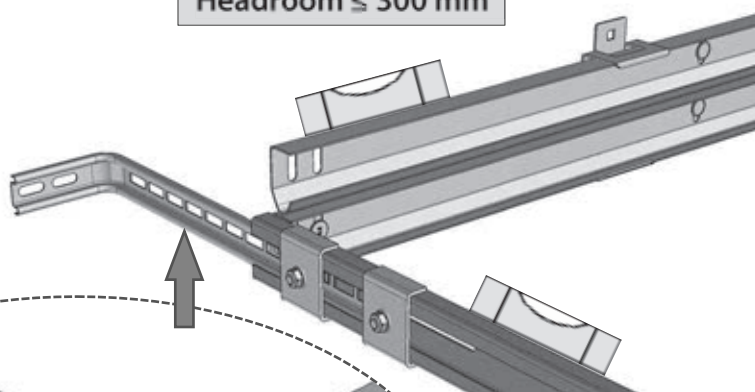
Adapt the perforated corner on site



Back bar extension (option)



Headroom ≤ 300 mm

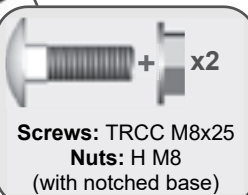


Hanger: 408 mm



Do not fully tighten the nuts.

Clamping-plates



Repeat the process on the opposite side.

$300 \text{ mm} < \text{Headroom} \leq 1000$ mm

300 mm < Headroom ≤ 1000 mm

Kit 861

Clamp plate



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

Bracket

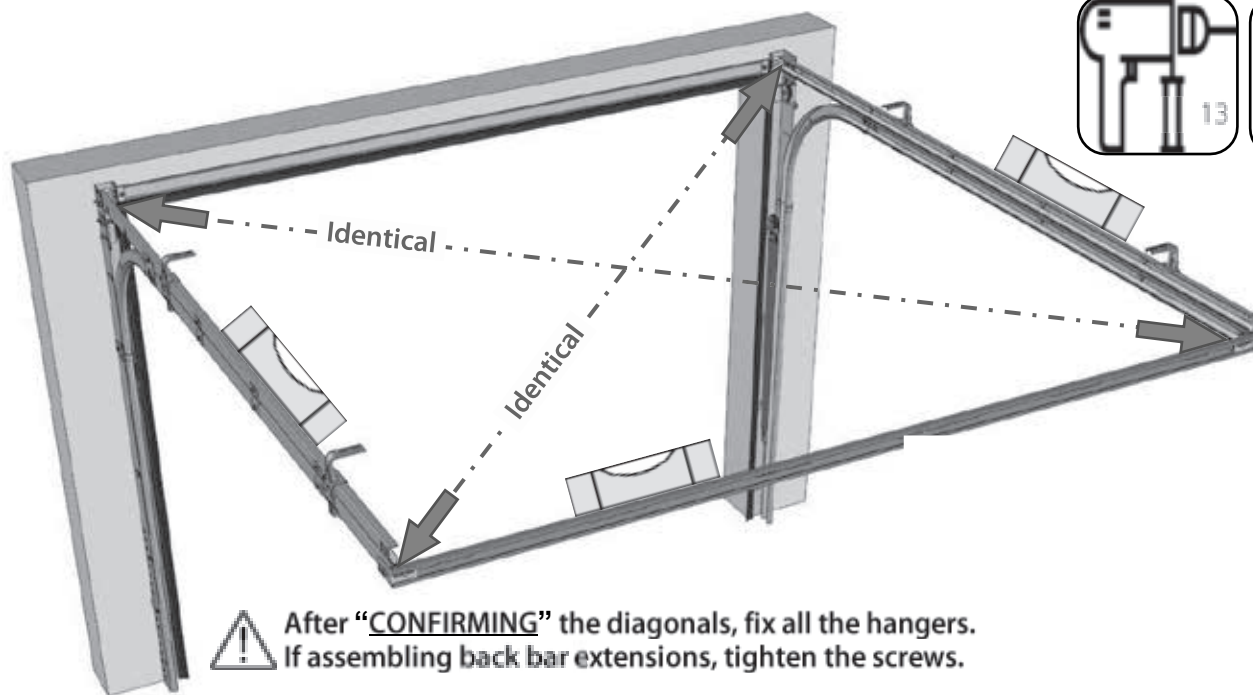
Back bar extension

Repeat the process on the opposite side.



Do not fully tighten the nuts.

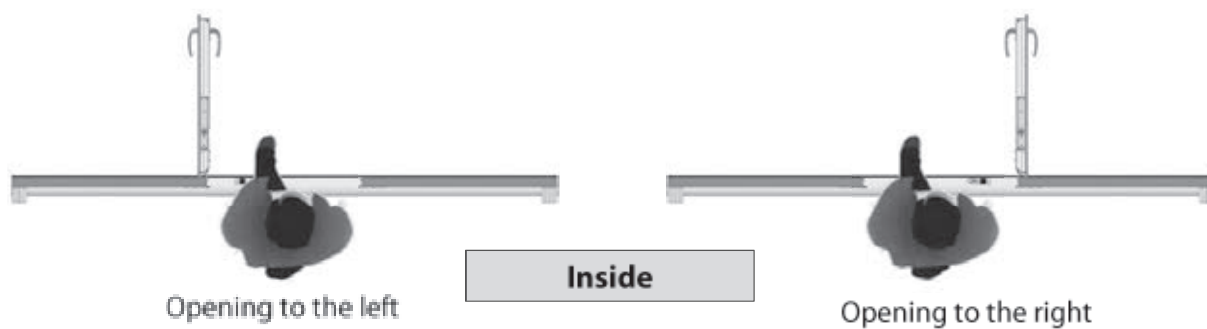
CHECKING THE DIAGONALS



After “**CONFIRMING**” the diagonals, fix all the hangers.
If assembling back bar extensions, tighten the screws.

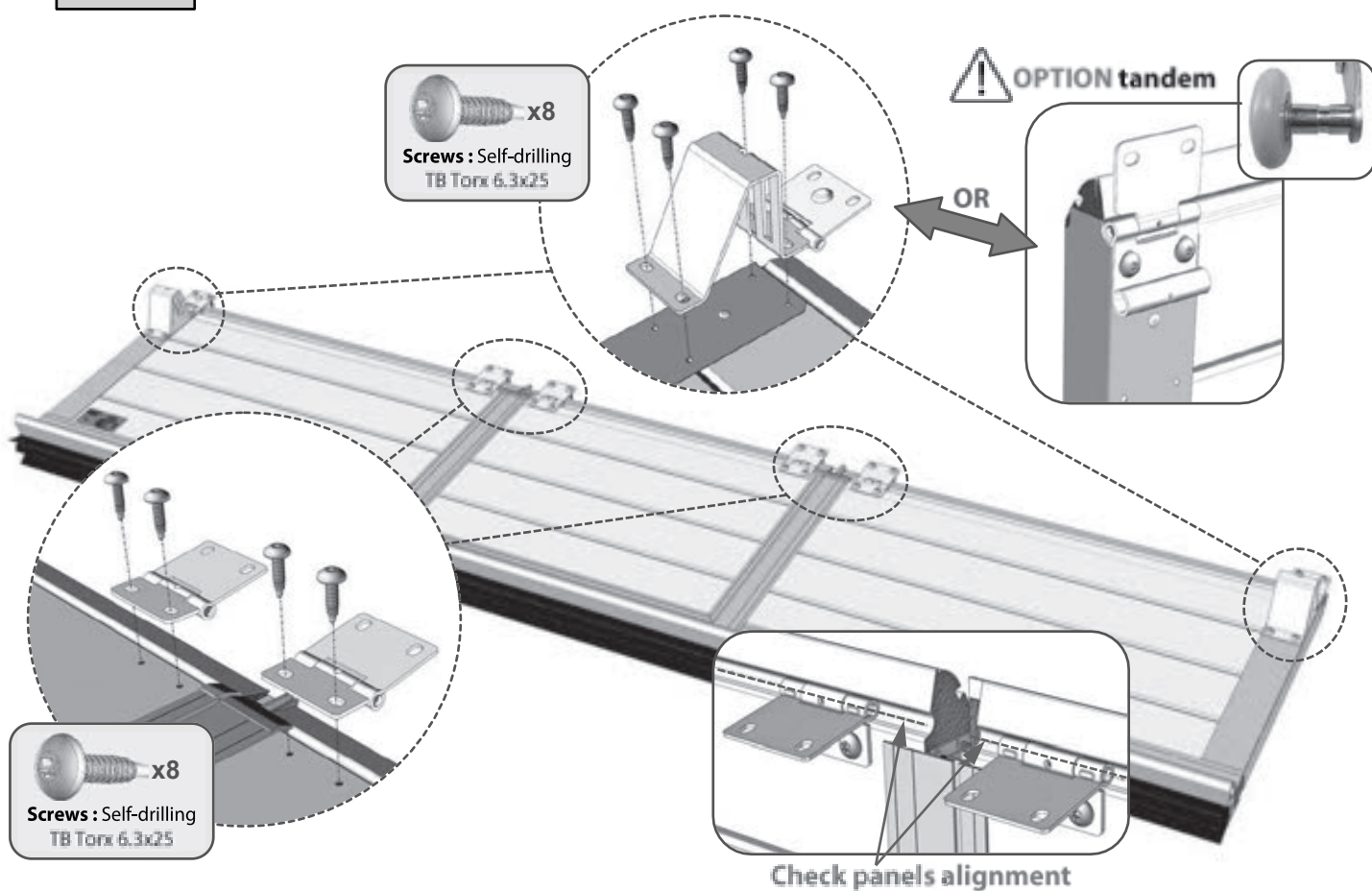
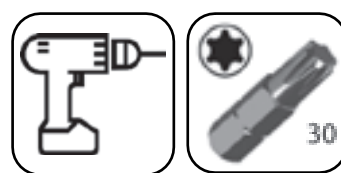
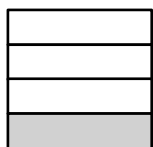
08. PANEL ASSEMBLY

IDENTIFYING THE OPENING DIRECTION

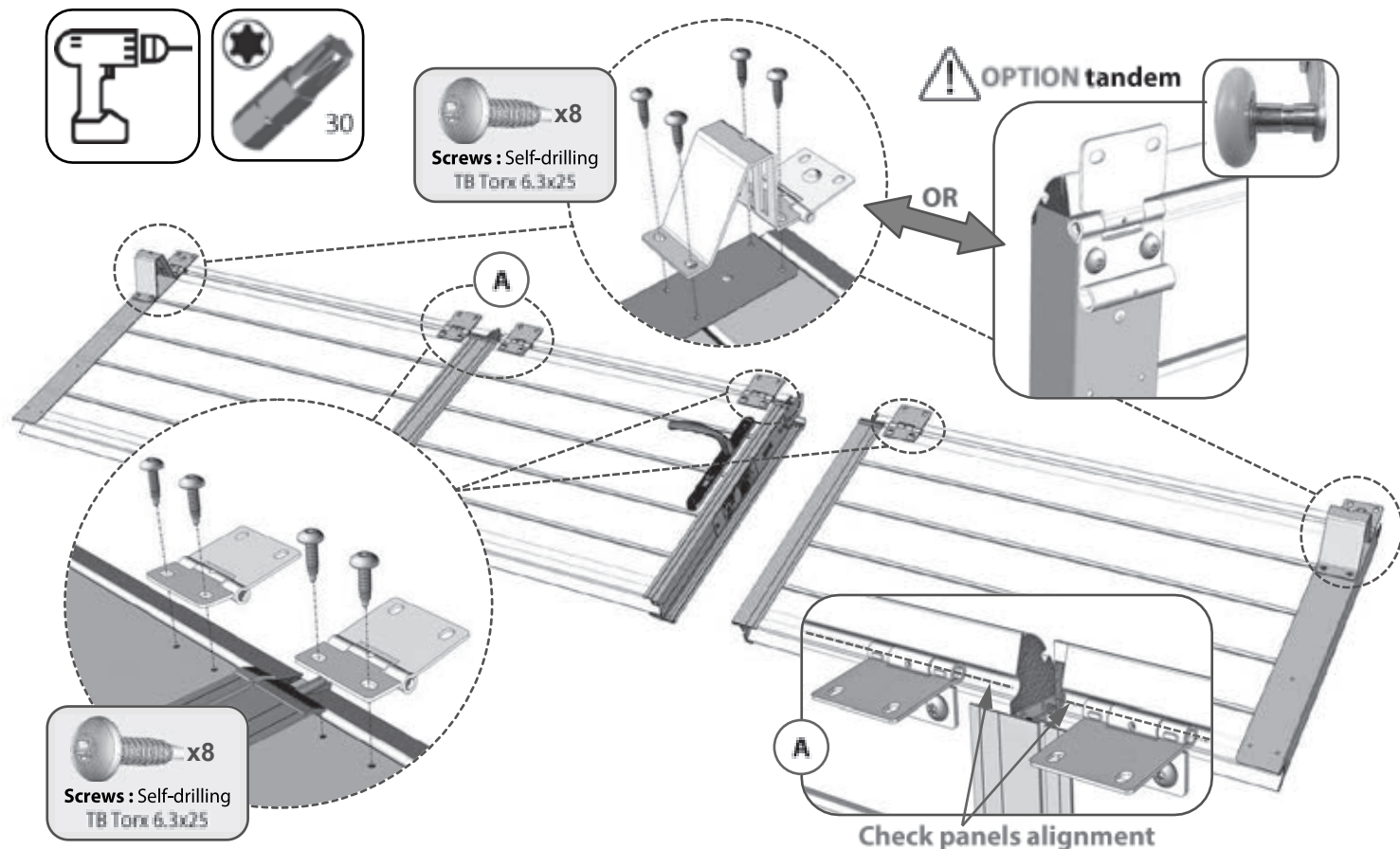


PANEL PREPARATION

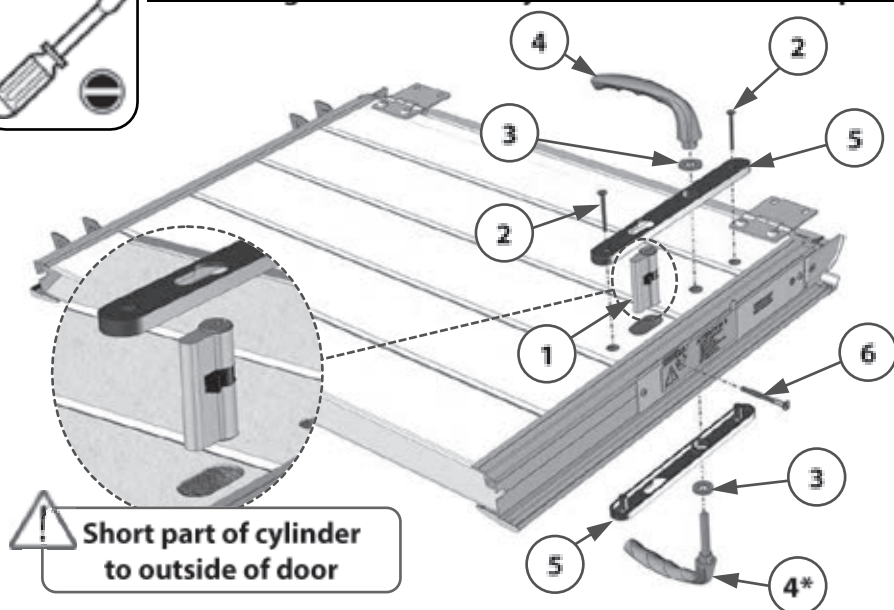
BOTTOM PANEL



MIDDLE PANEL(S) ASSEMBLY



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



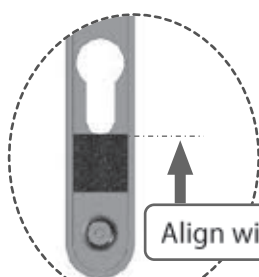
Fix the finger plate screws on the inside of the door.

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



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

Specific case : Single-grooved panel

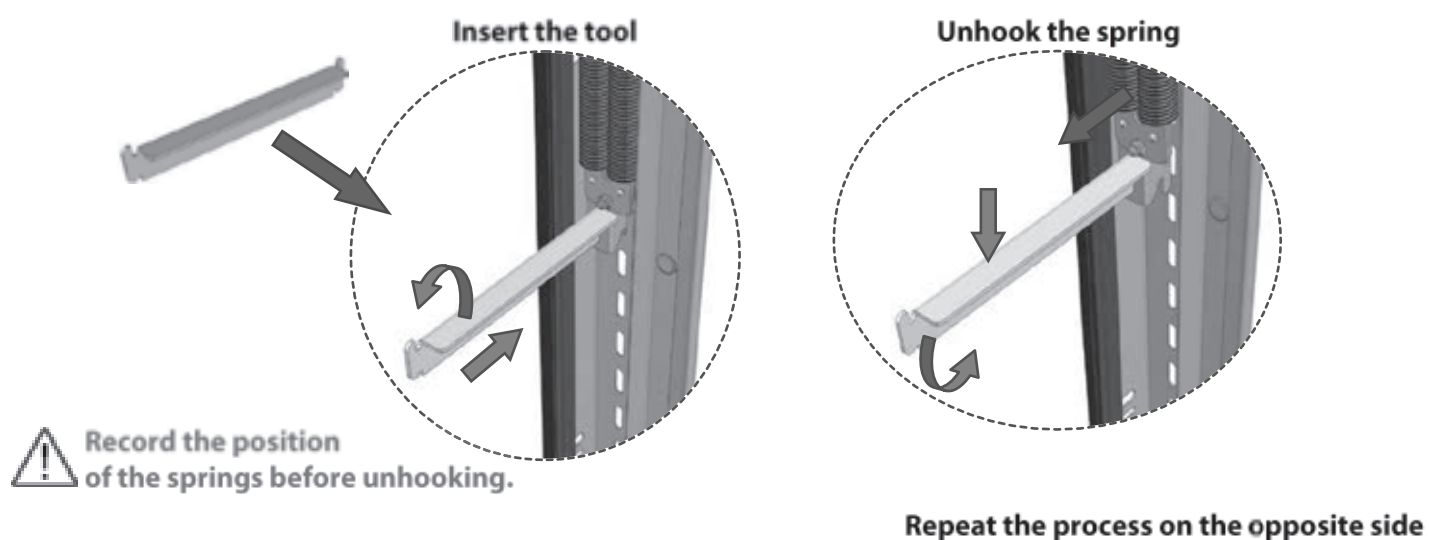


Align with the passage of the cylinder

Compress the block



UNHOOKING THE SPRINGS

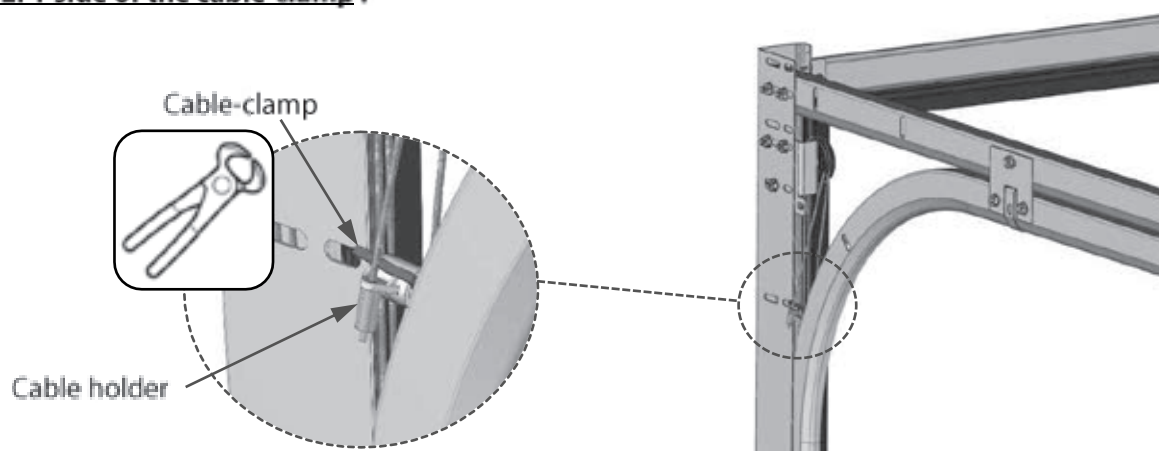


INSTALLING THE BOTTOM PANEL

Position the panel in front of the rails :

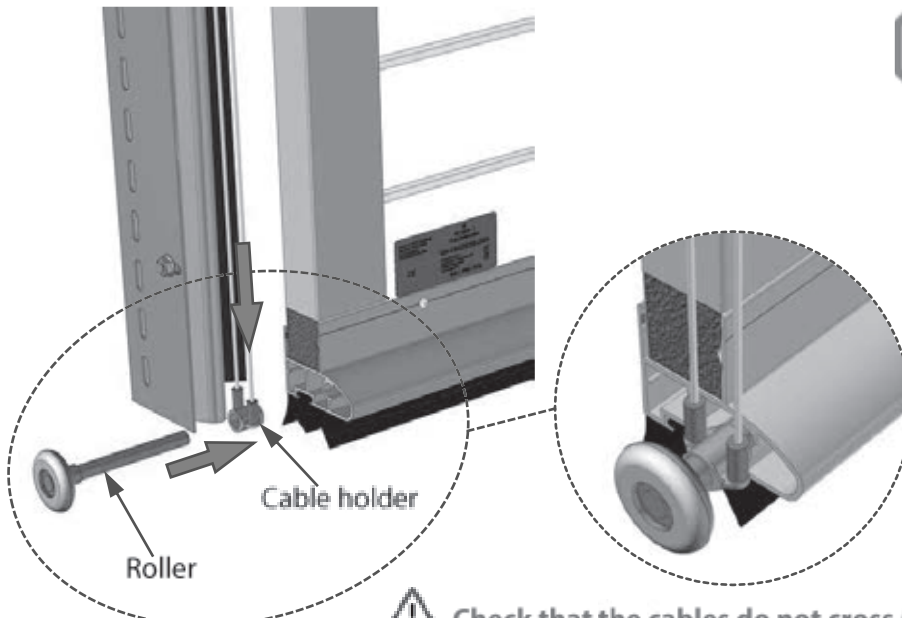


Cut the LEFT side of the cable-clamp :

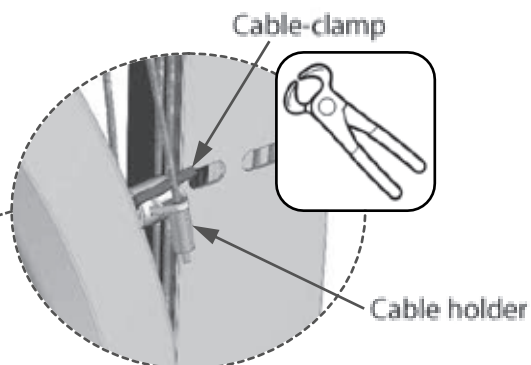

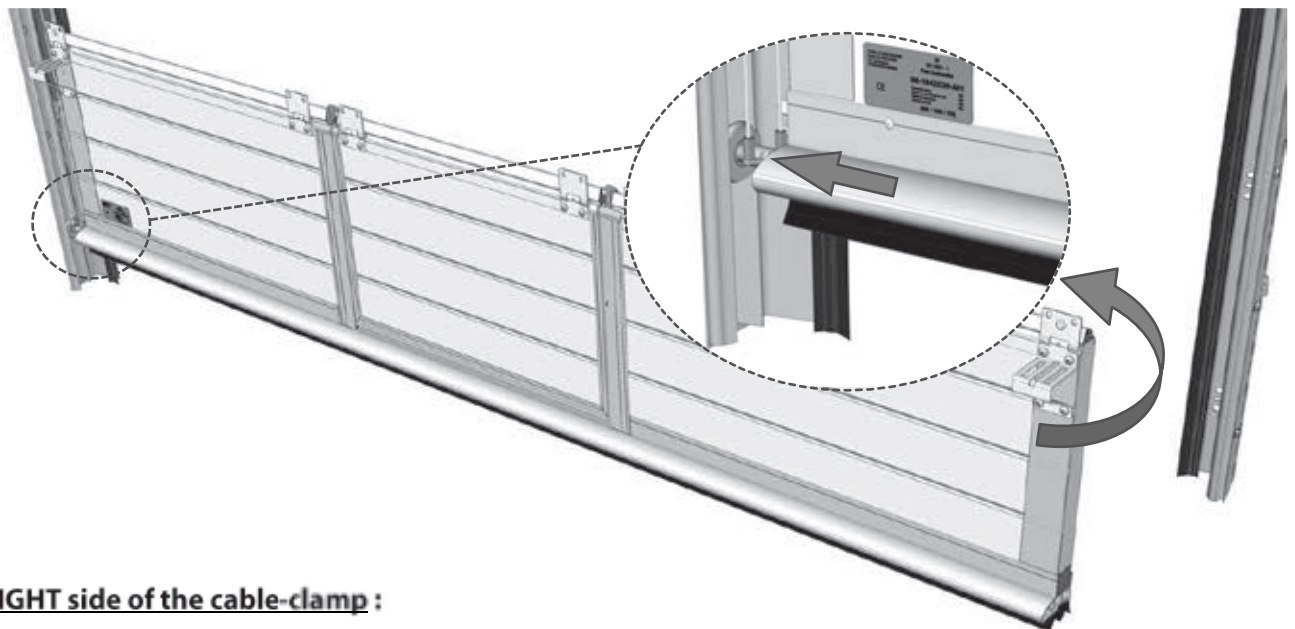




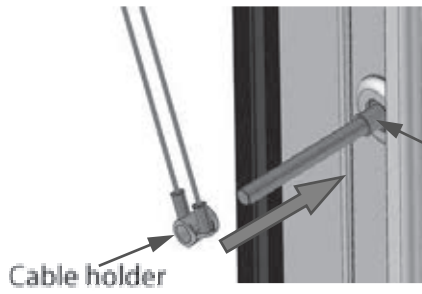
Technical drawing of a roller assembly. The drawing shows a cross-section of a roller mounted on a track. The roller has a diameter of 100 mm. The track has a width of 100 mm. The roller is mounted on a bracket that is 50 mm high. The track is 10 mm thick. The roller is shown in a position where it is about to enter the track.



Insert the "roller/cable holder assembly" in the LEFT vertical rail :



Insert the "roller" and "cable holder" in the RIGHT vertical rail :

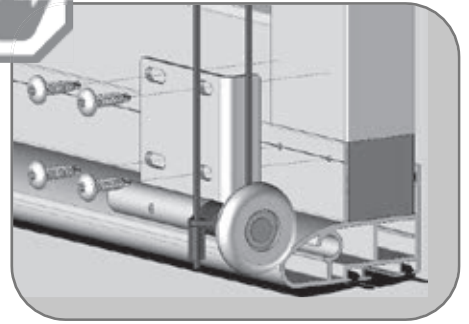


Roller

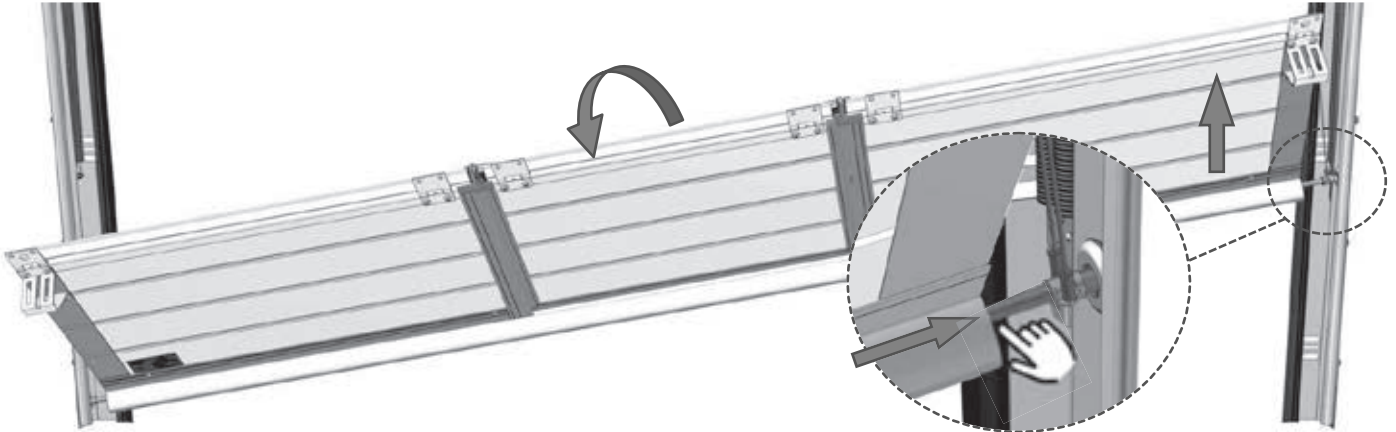
Check that the cables do not cross (parallel cables).



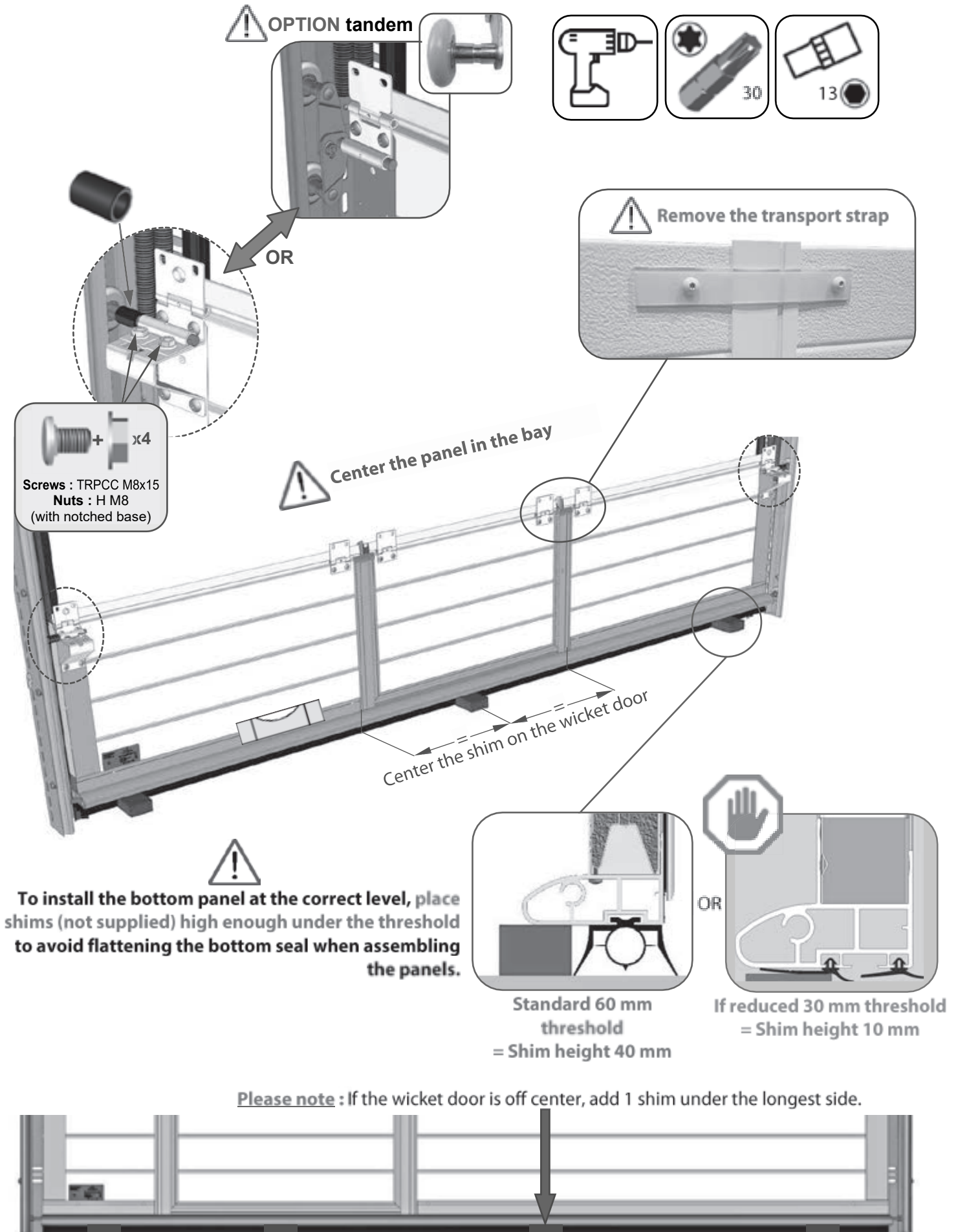
If reduced 30 mm threshold
= Low suspension



Insert the "roller/cable holder assembly" in the threshold :

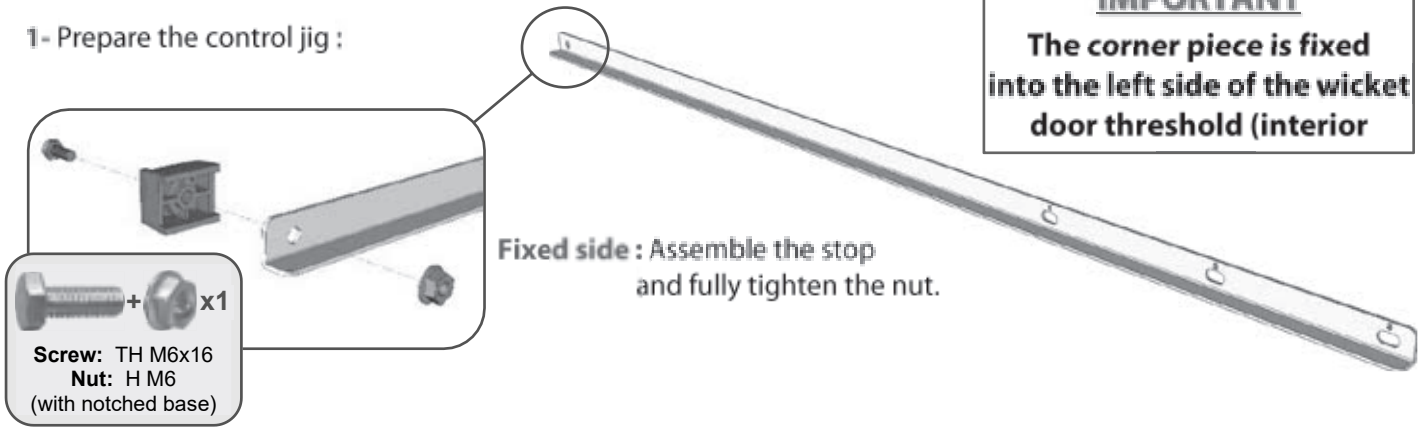


Insert shims and finalise the guides



Insert shims and check the wicket door :

1- Prepare the control jig :

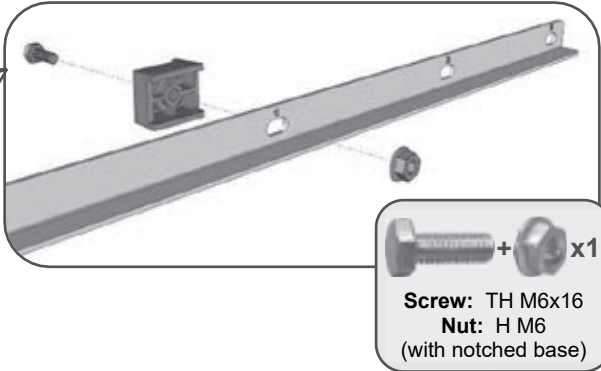


2- Position the jig on the threshold of the wicket door :

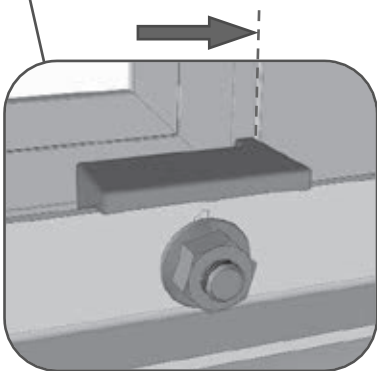
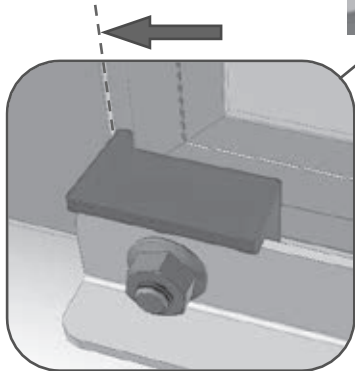
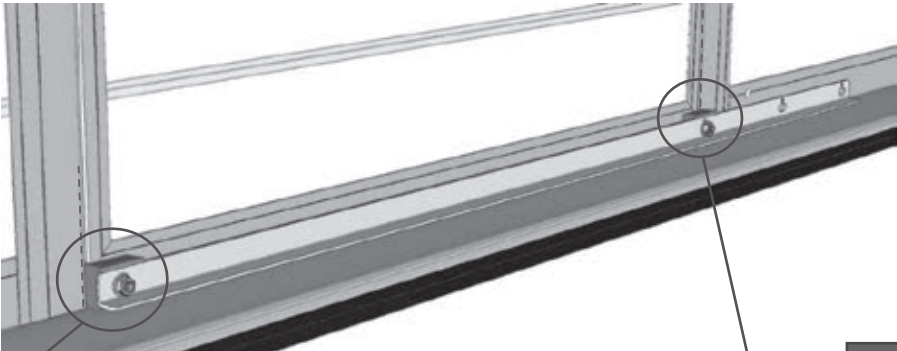


Mobile side :
Position the stop on the corner piece according to the wicket door width ; assemble it and fully tighten the nut.

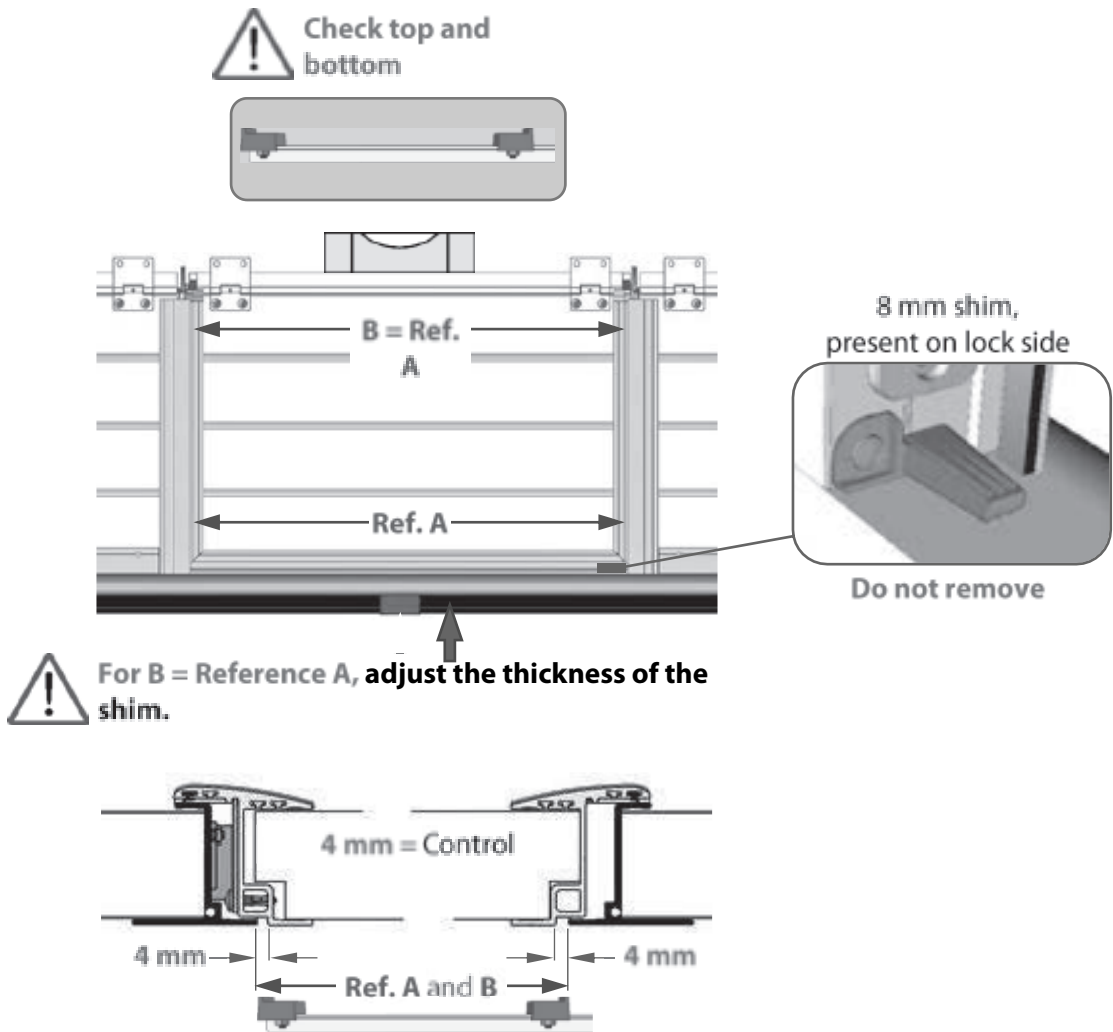
Wicket door width	Position of the stop
L (659 mm)	1
XL (789 mm)	2
XXL (900 mm)	3



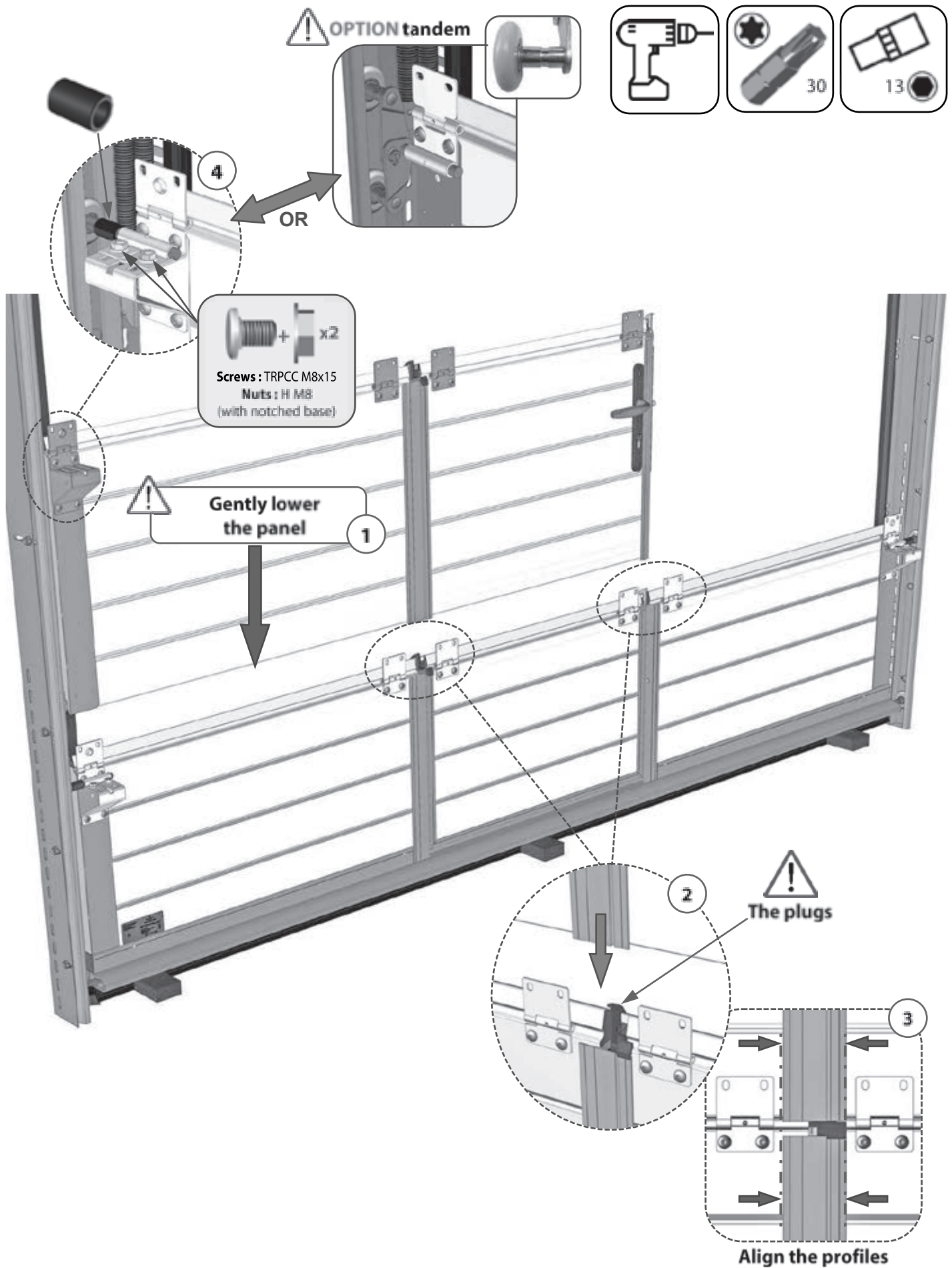
Please note : The stops must but up against the frame :

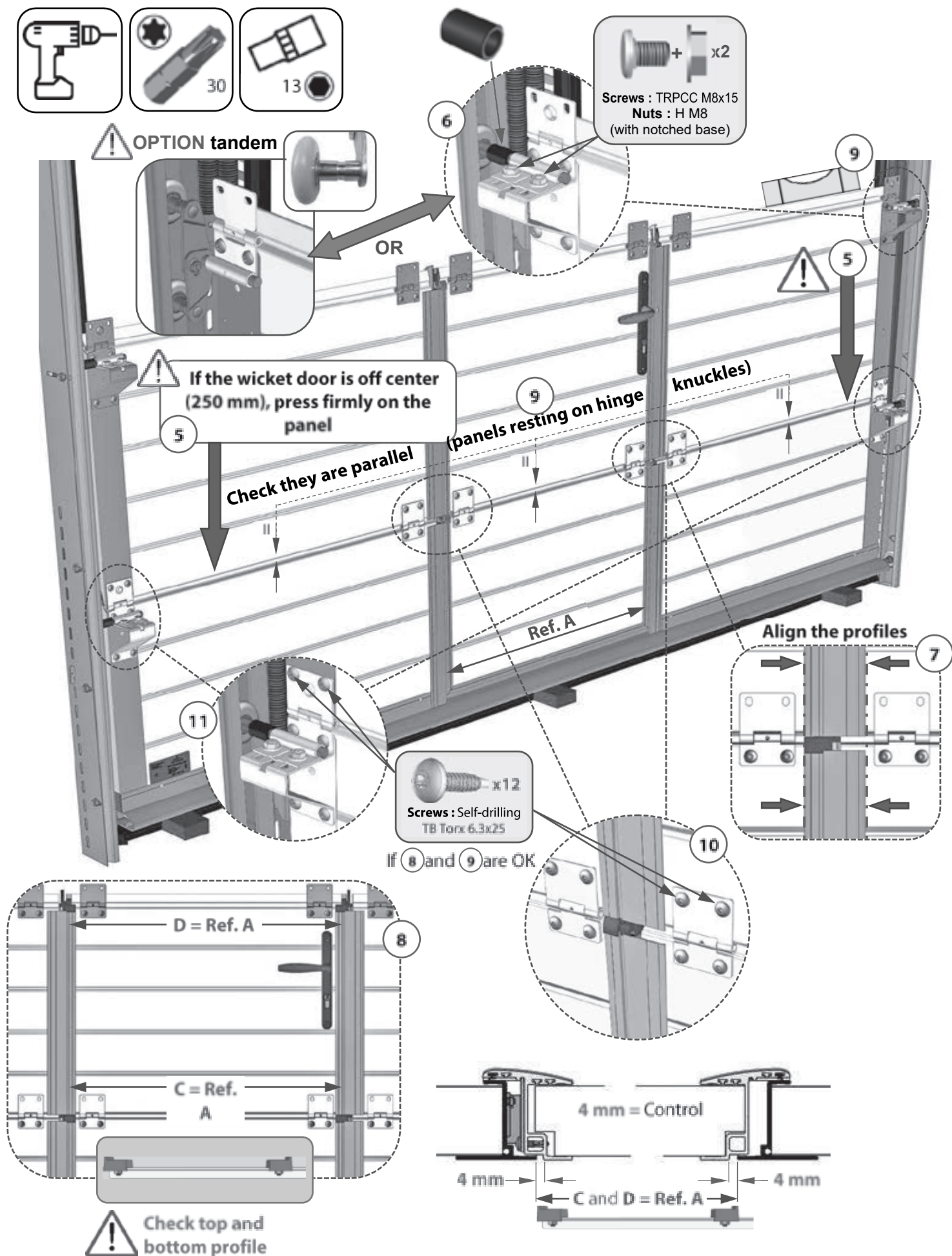


3- Use the jig to check the distance between the frames :



INSTALLING THE MIDDLE PANEL(S)



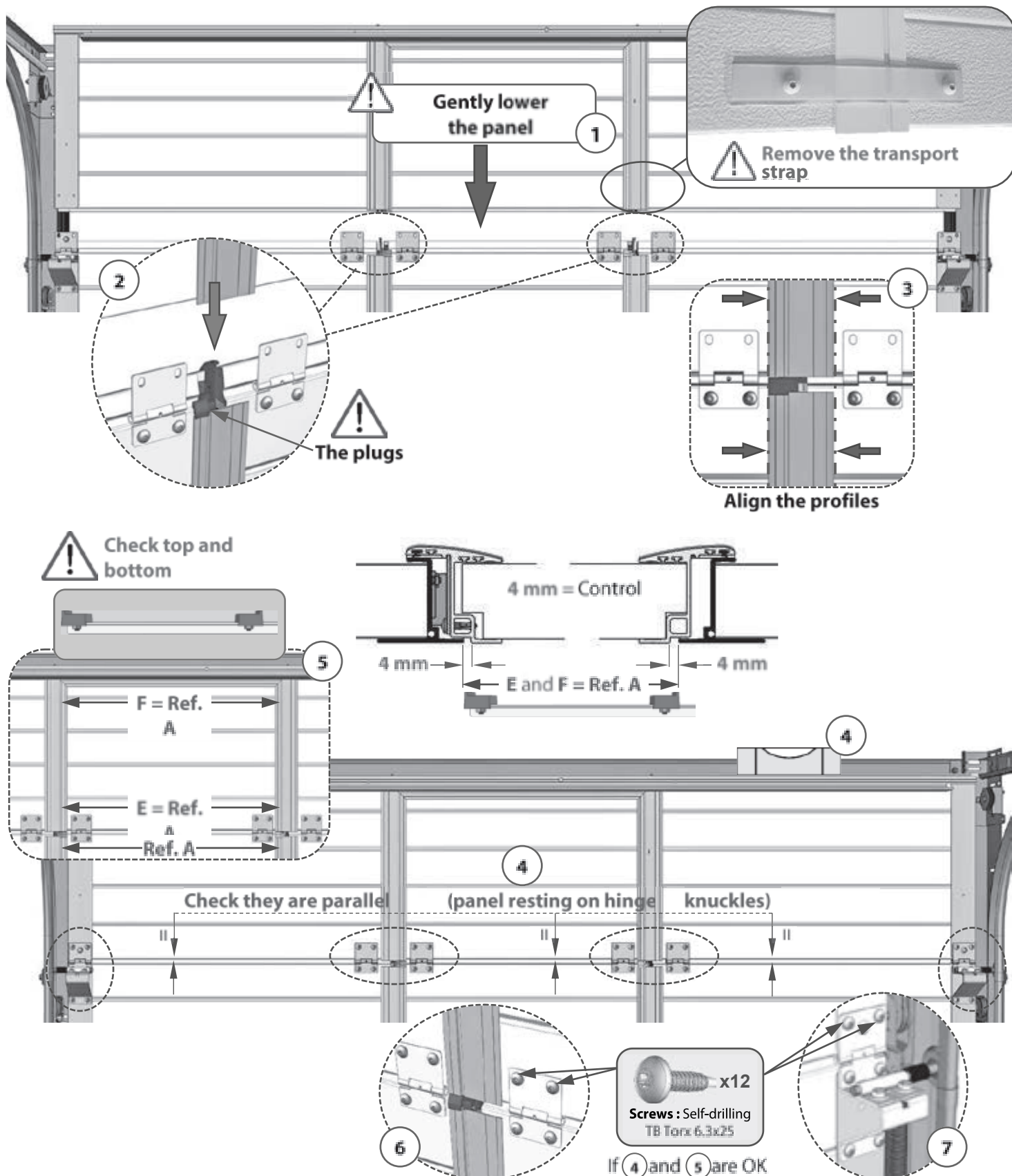


NOTE: If installing a second middle panel, repeat this step for the second panel.

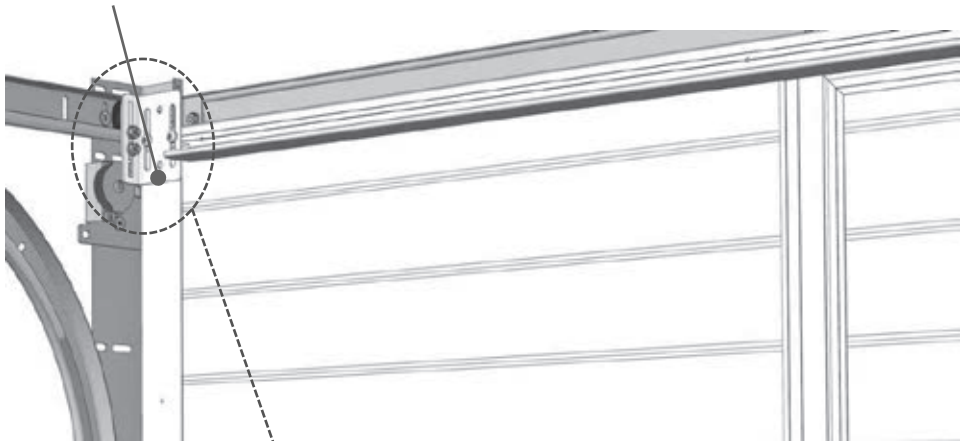
INSTALLING THE TOP PANEL



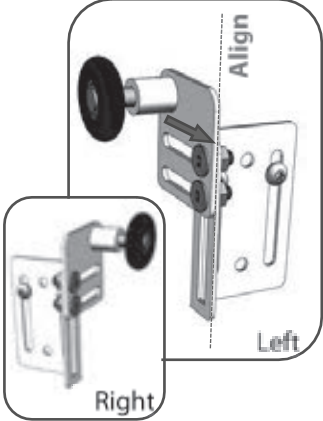
If the wicket door opener is less than 50 mm from the header,
the door closure before assembling the wicket door top panel.
Refer to the **WICKET DOOR FINALIZATION | Door closure**



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).

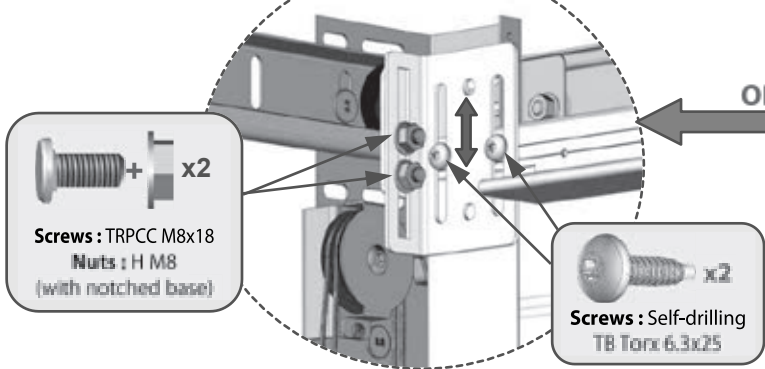


Assemble the adjustable rollers

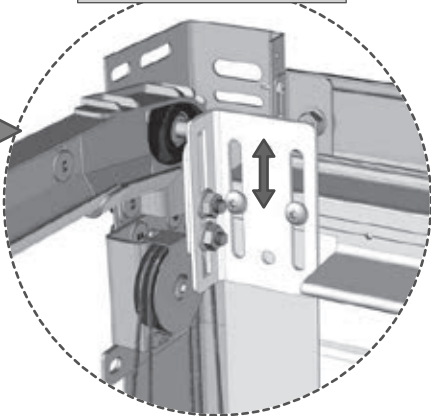


MOTORISED door

MANUAL door



OR

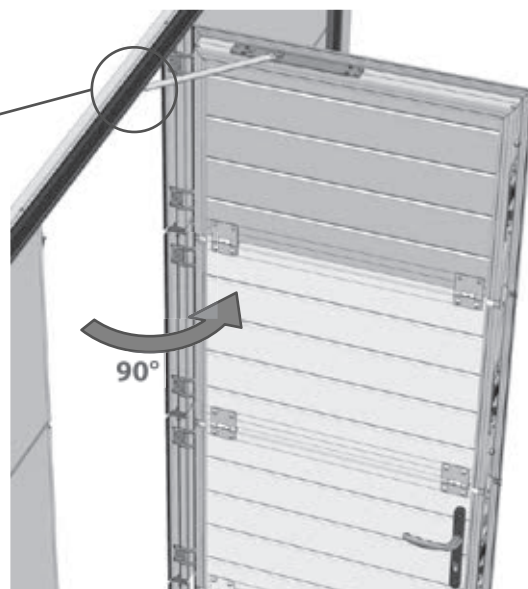
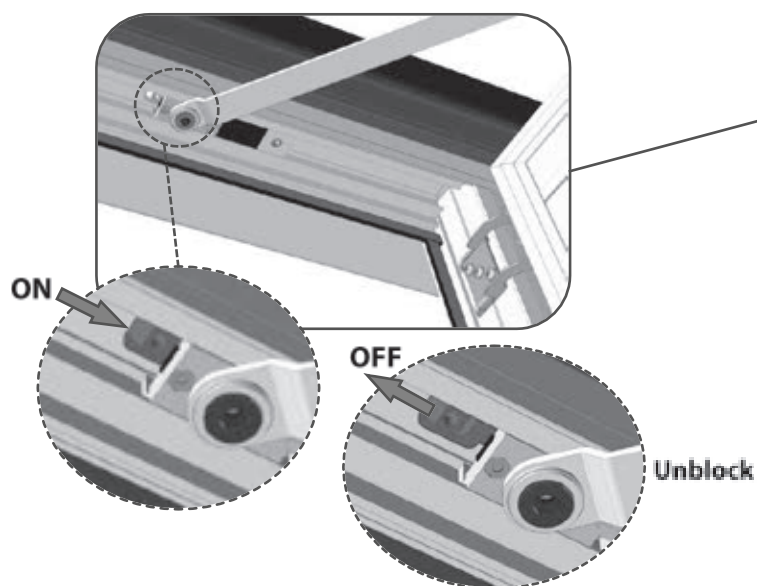


Repeat the process on the opposite side.

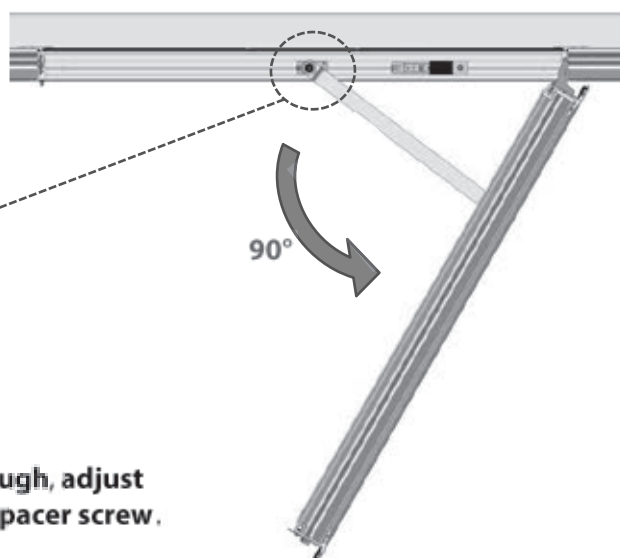
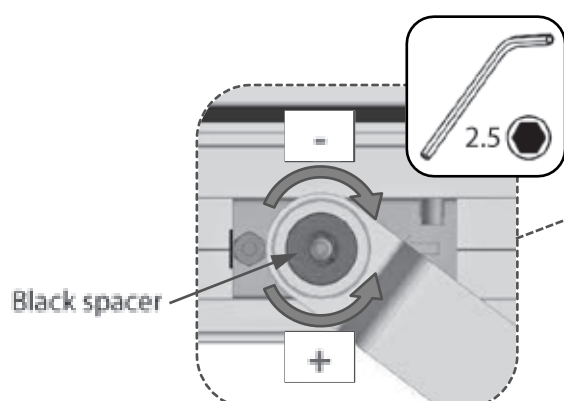
09. WICKET DOOR ASSEMBLY

ADJUSTING THE STOP MODULE

Switch on the blocker

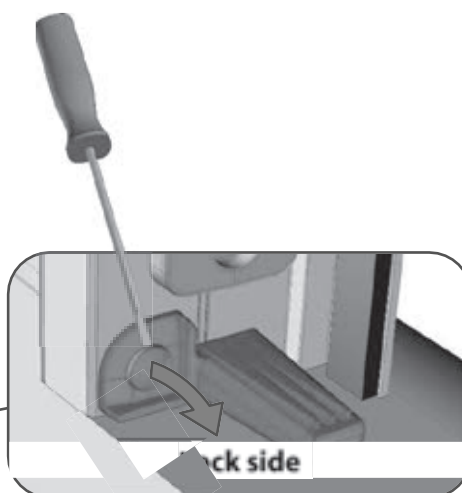
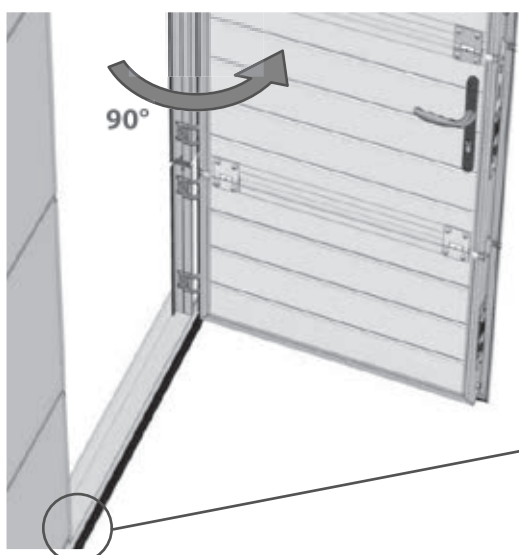


Test the stop module : Block the wicket door.

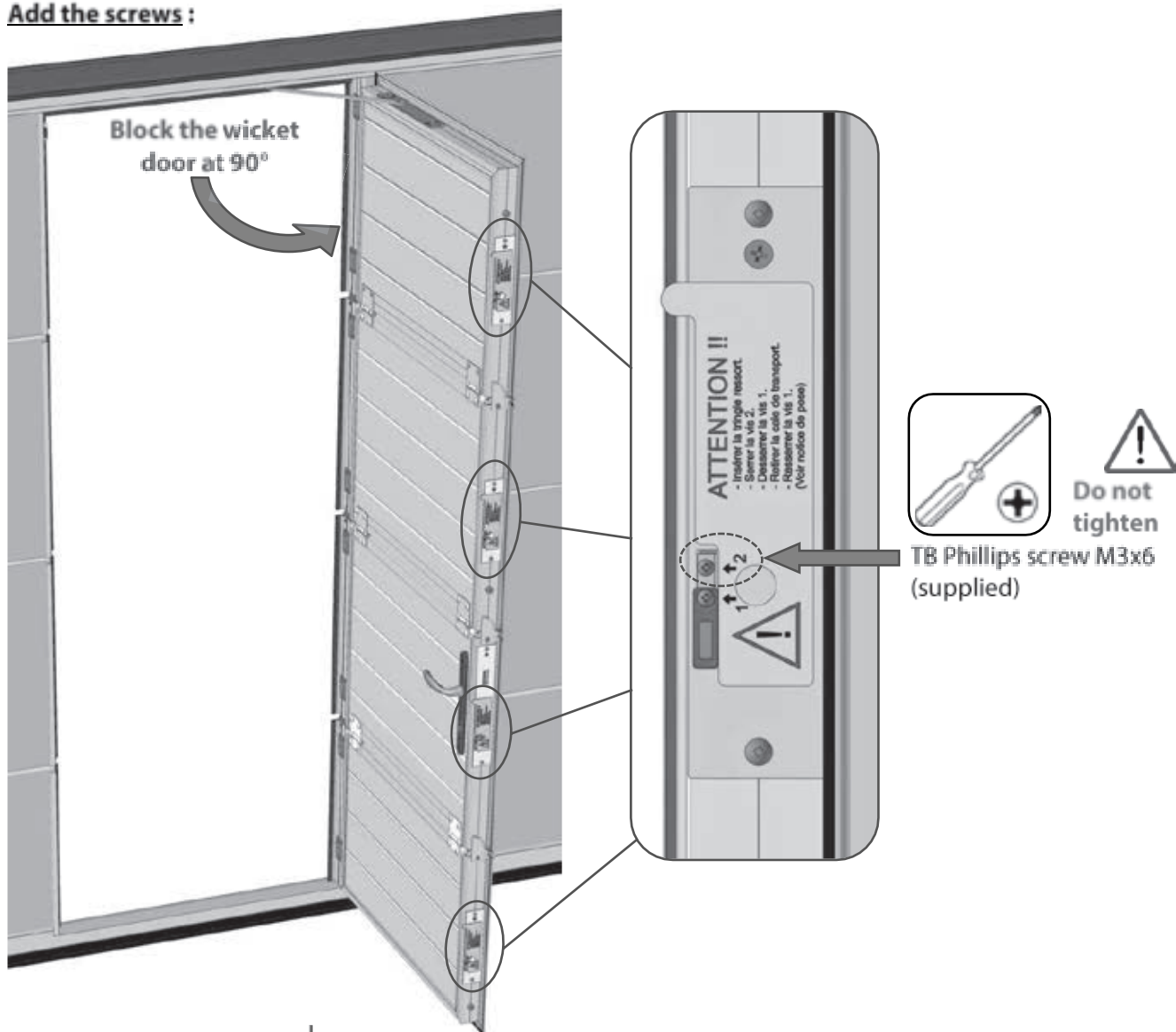


Please note : If the stop module blocks too much or not enough, adjust the pressure screw on the inside of the black spacer screw.

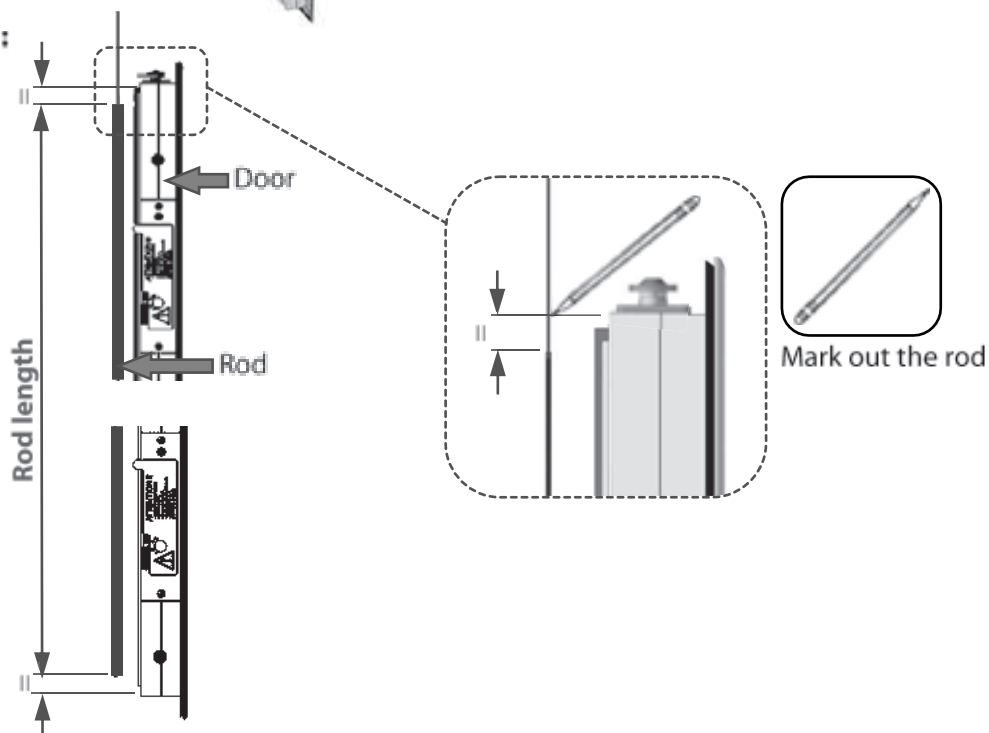
remove the shim



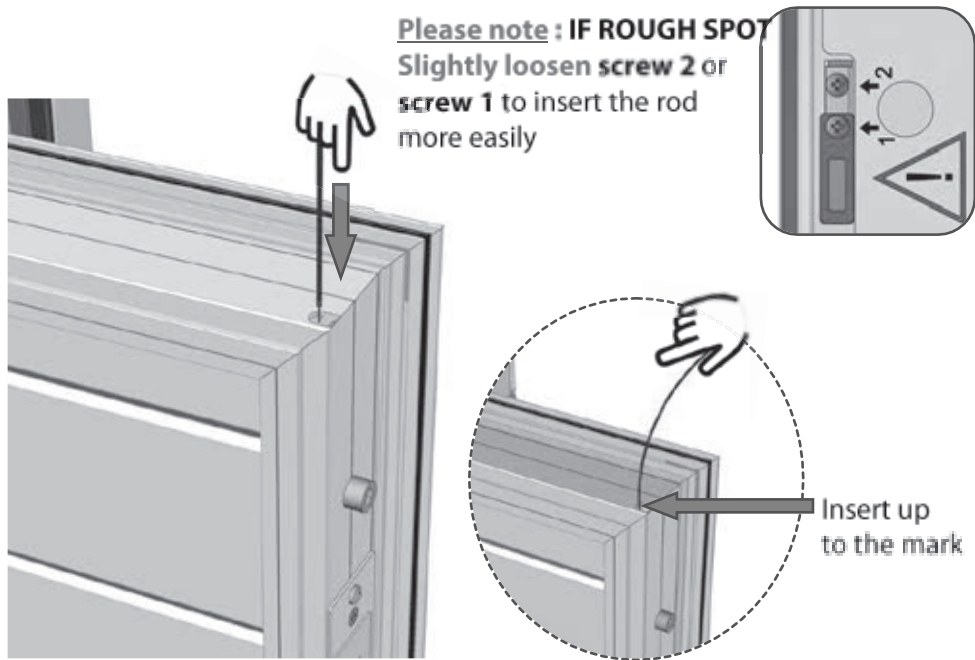
Add the screws :



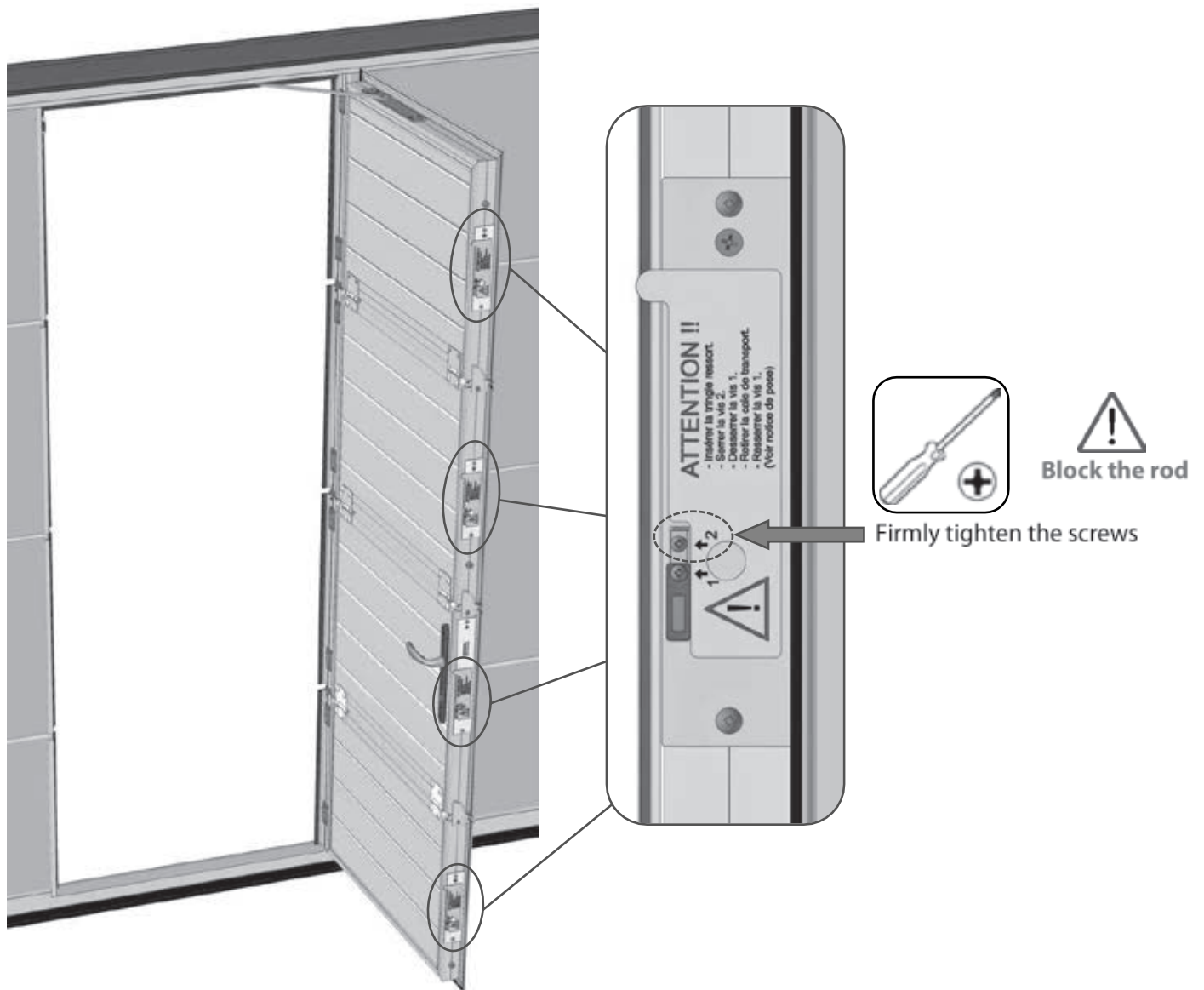
Mark out the rod :

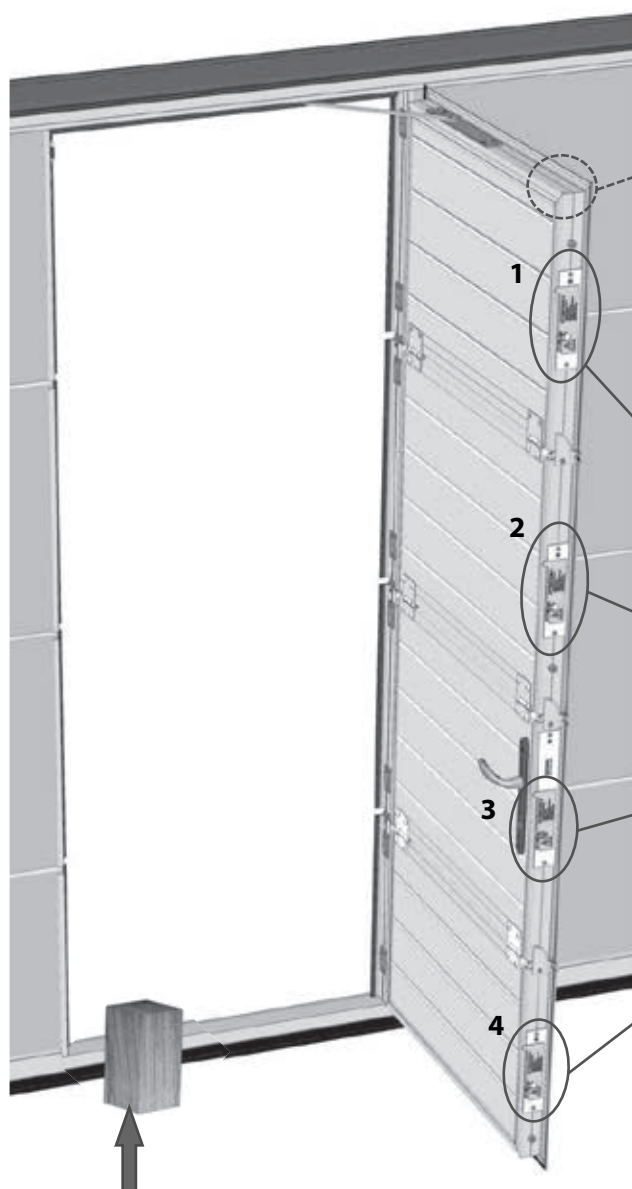


Insert the rod :



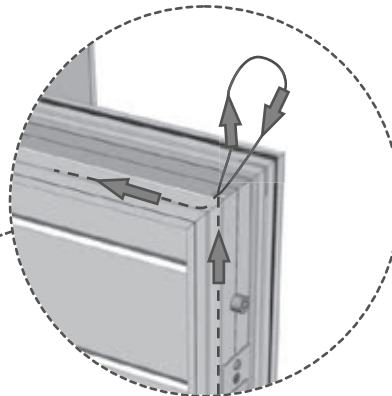
Tighten the screws :



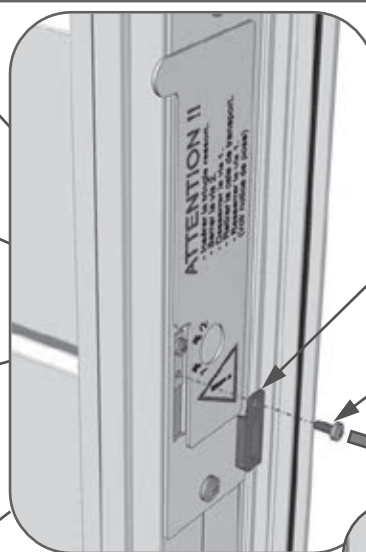


IMPORTANT : Place an obstacle in the wicket gate's path, to prevent its closure. Leave it there until completing the « box operation tests ».

Reinsert the cable



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

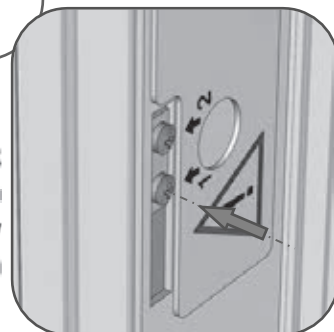


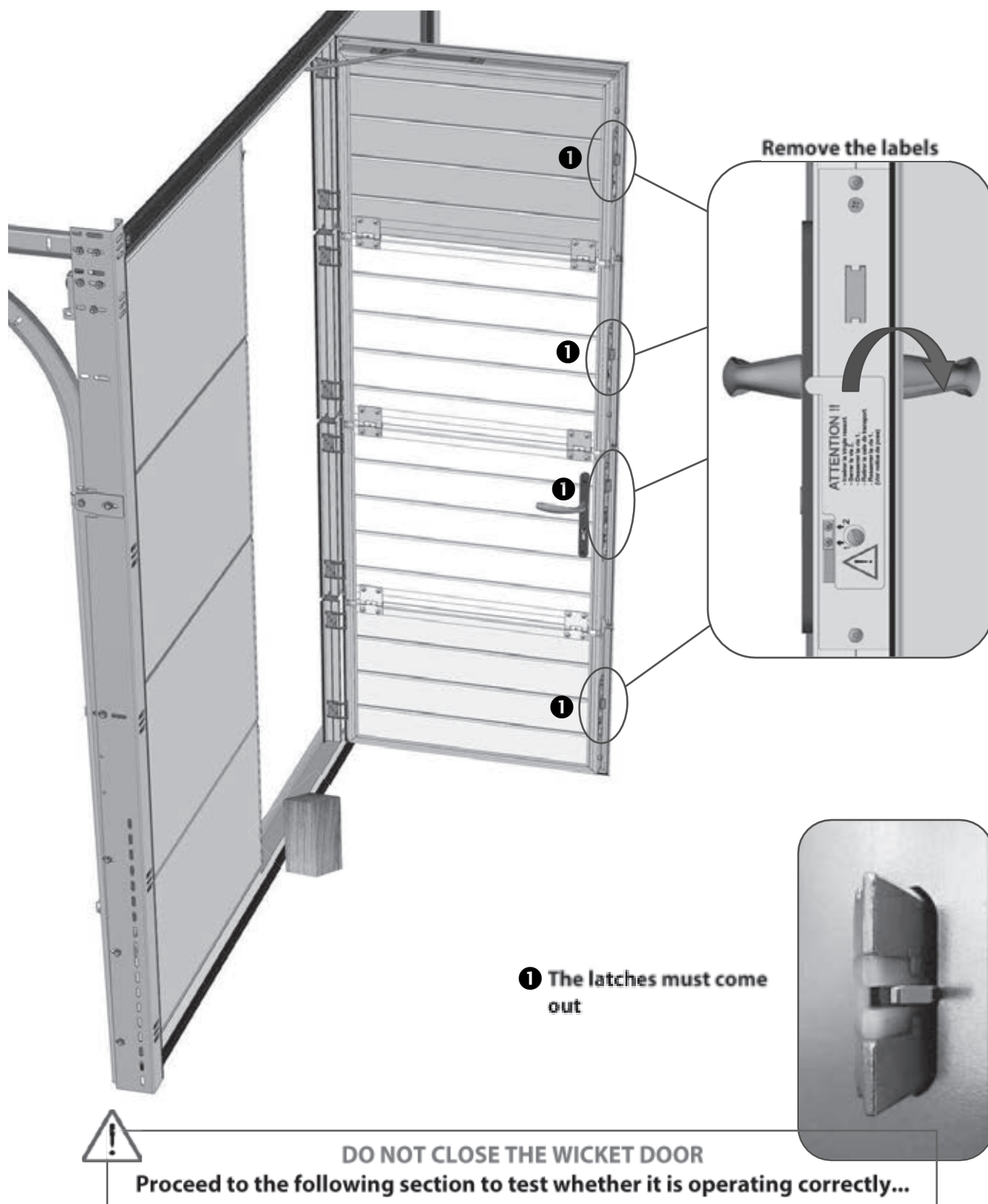
A - Remove the locking shim

Locking shim

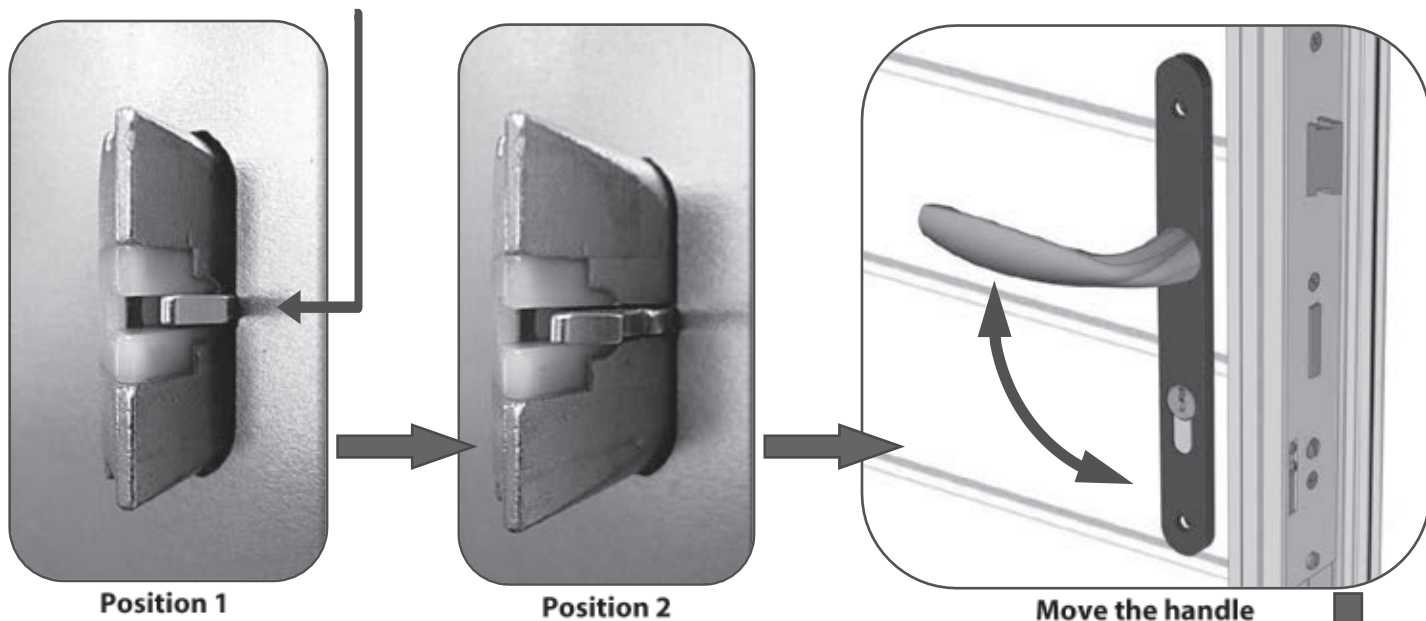
TB Phillips screw M3x6

B - Screw back in and fully tighten





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



IMPORTANT:

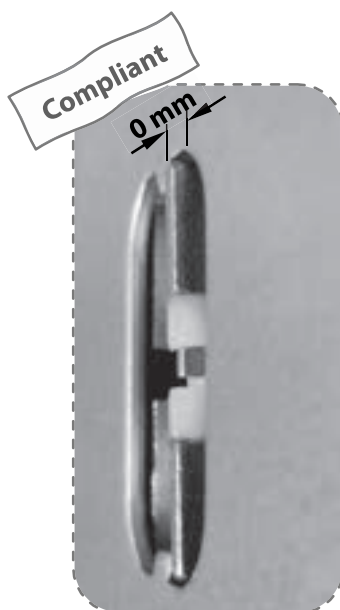
All the latches must go in and come out simultaneously and then return to POSITION 1.

Repeat the test 2 to 3 times...

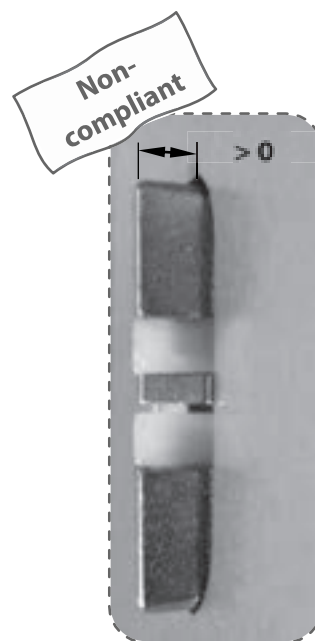
Test 2 :



**Move the handle
and hold it down**



**The latches must
be flush**



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



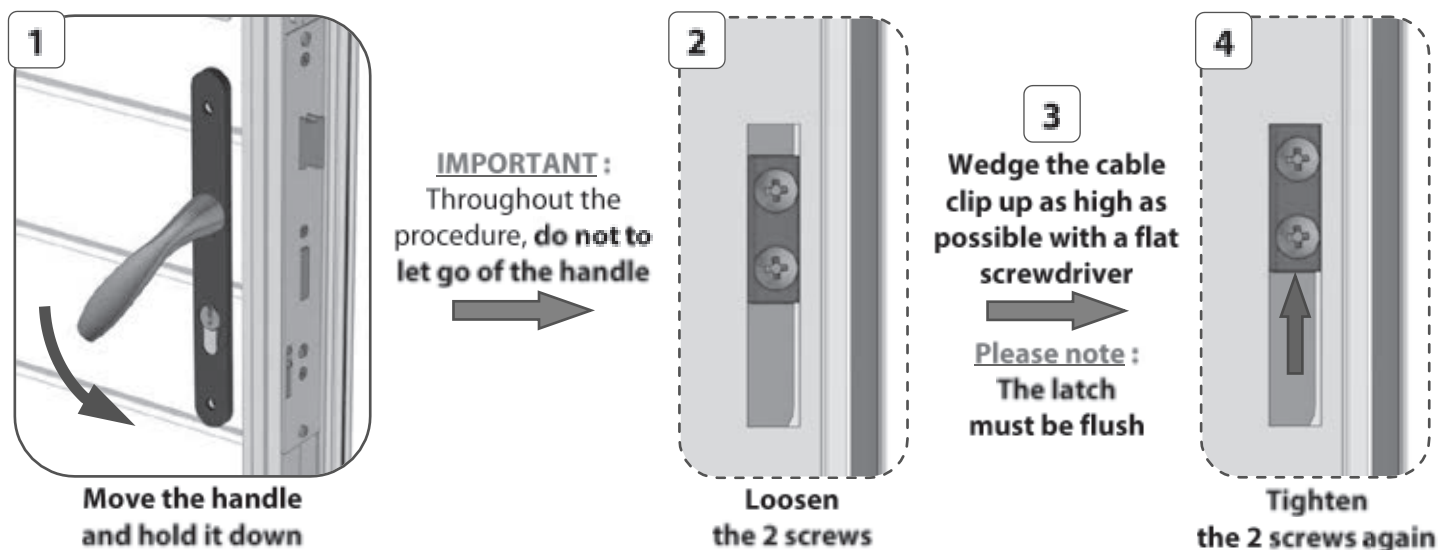
**If the latches are not all functioning correctly,
do not shut the wicket door, call Customer Services.**

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 :



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

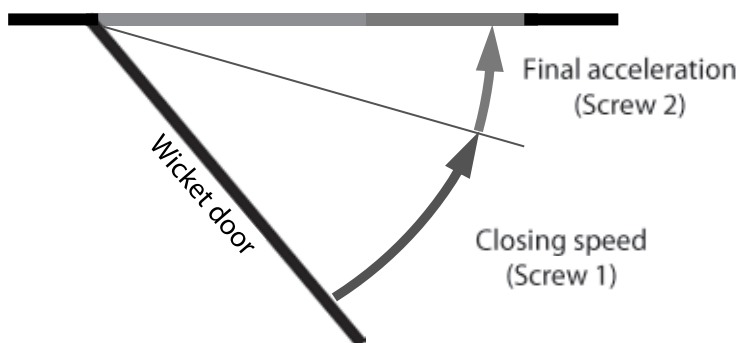
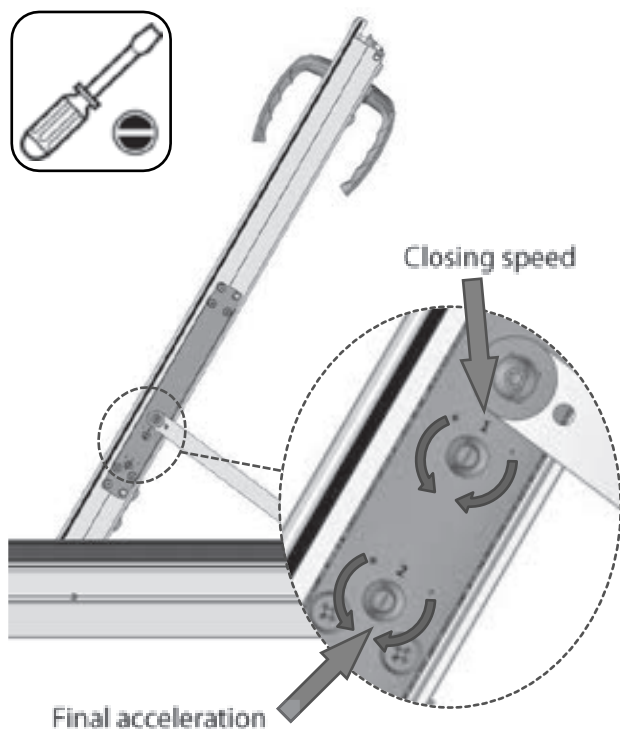
Please note : If the **wicket door becomes stuck** after closure, refer to the " **Solution** " section on the following page.

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





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

Identify the blocked part inside :

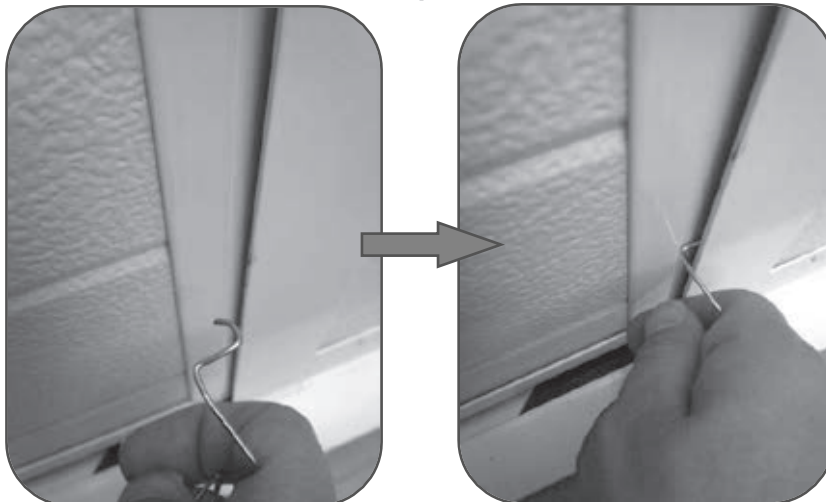
Lower the handle and gently push the door on each panel to identify the blocked area.

Make the hook



Actual size

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



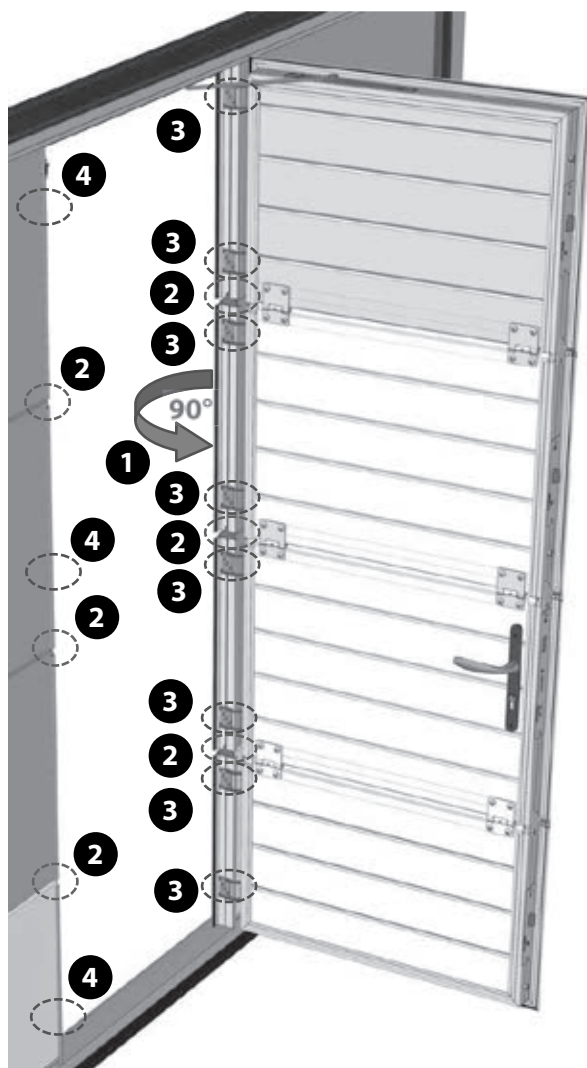
Then carry out the steps below, to hook one of the locks while holding the handle down.





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

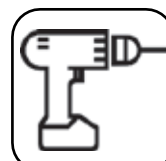
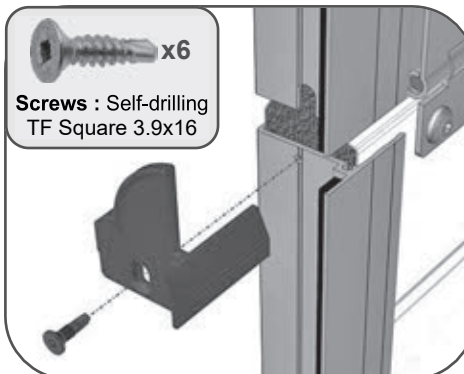
Finishes: Plugs, split hinges and strike plates



2

PLUGS

Assemble them on the frame



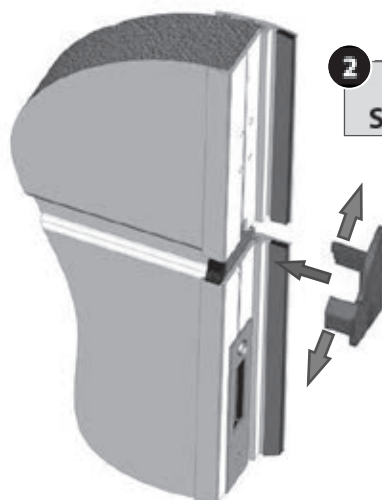
SPECIFIC CASE

2

PLUGS :

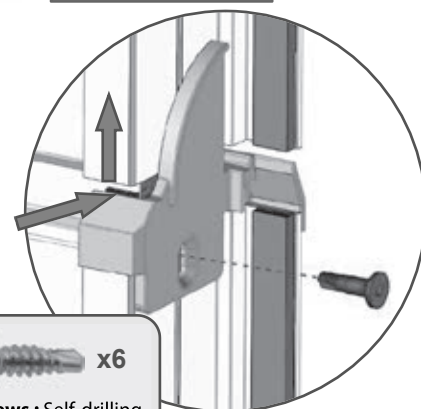
Single-grooved panel

Move the guides away slightly



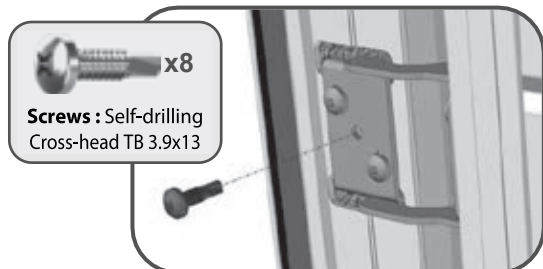
Fragile part

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



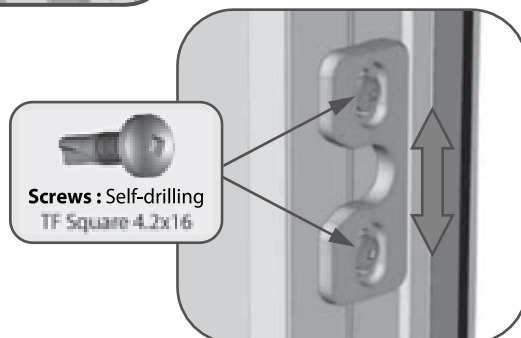
3

SPLIT HINGES



4

STRIKE PLATES

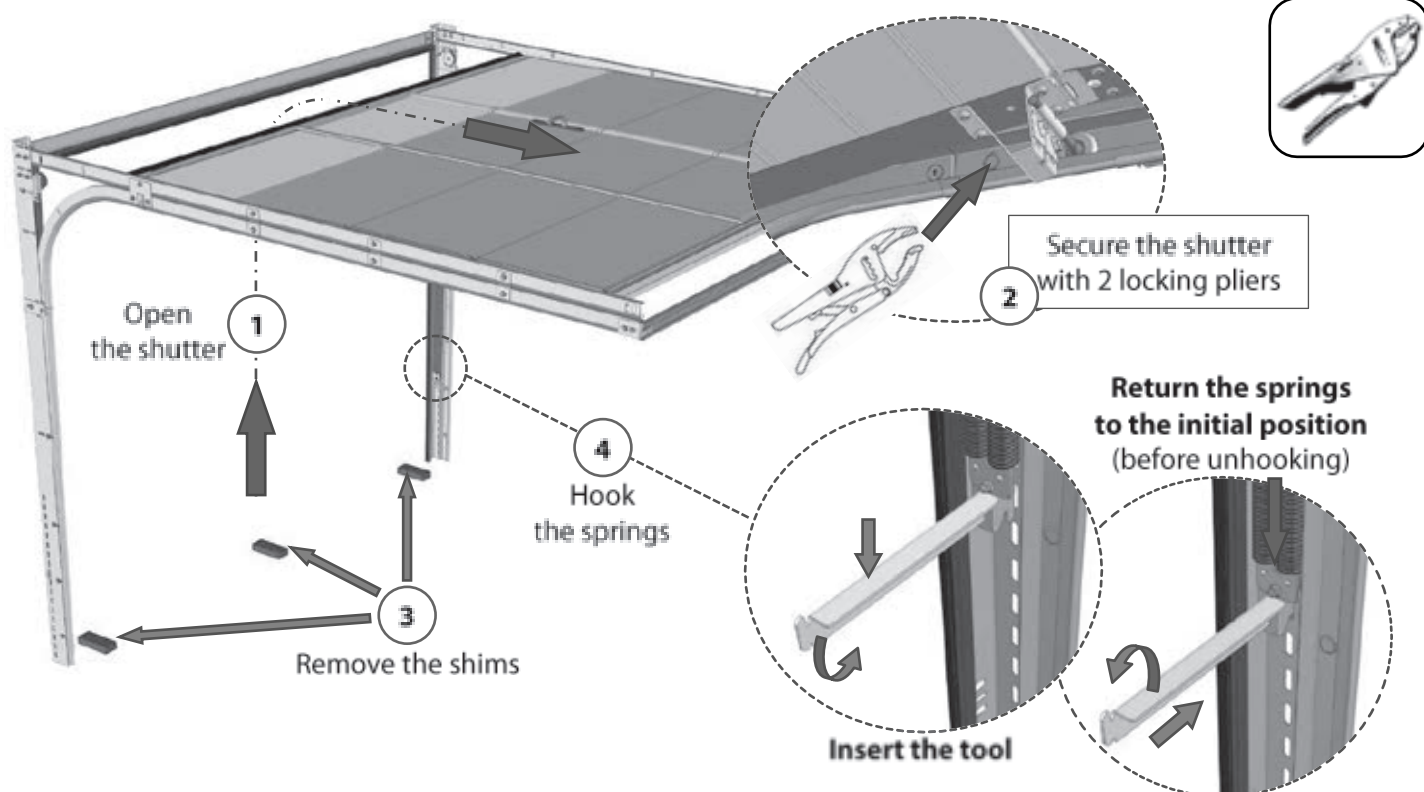


Tighten the screws so that the strike plates move slightly.
close and reopen the wicket door; the strike plates will move into position
Fully tighten the screws.



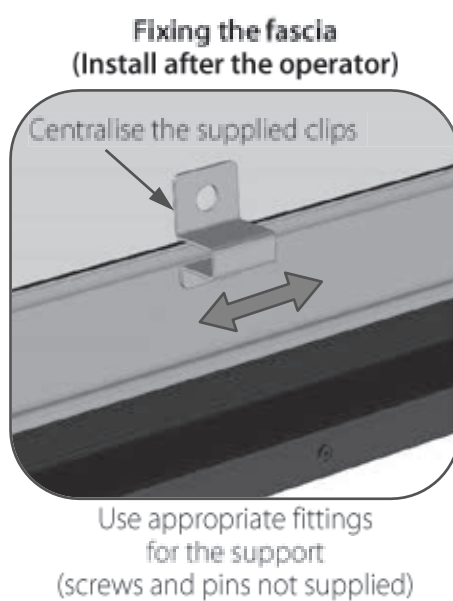
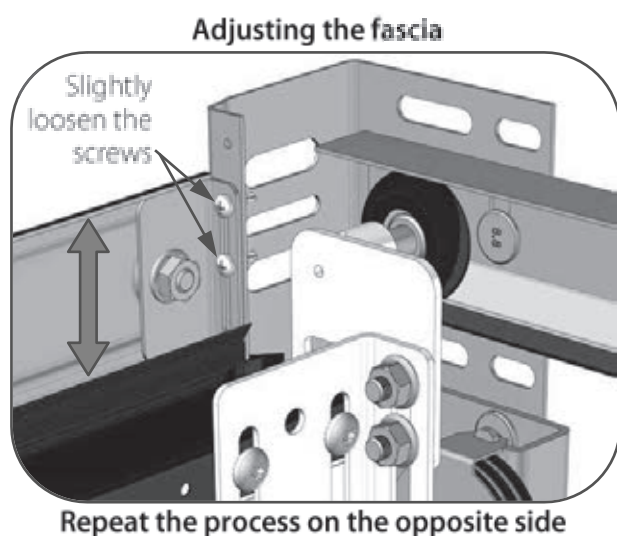
TENSIONING THE DOOR

Hooking the springs

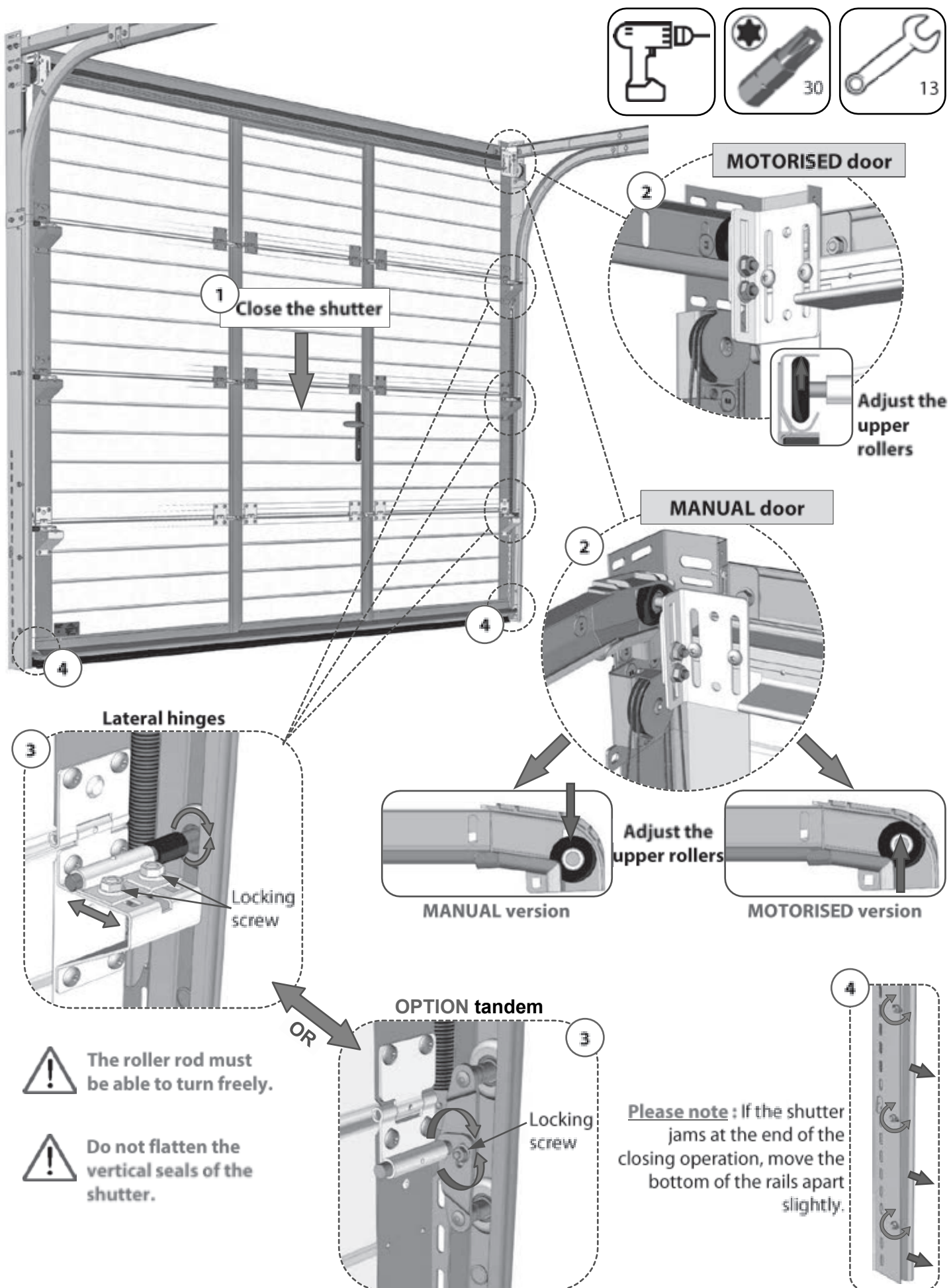


10. FINAL ADJUSTMENTS & OPTIONAL EXTRAS

ADJUSTING & FIXING THE FASCIA



ADJUSTING THE ROLLERS



Checking the balance

CHECKING THE BALANCE



Remove the **locking pliers**.

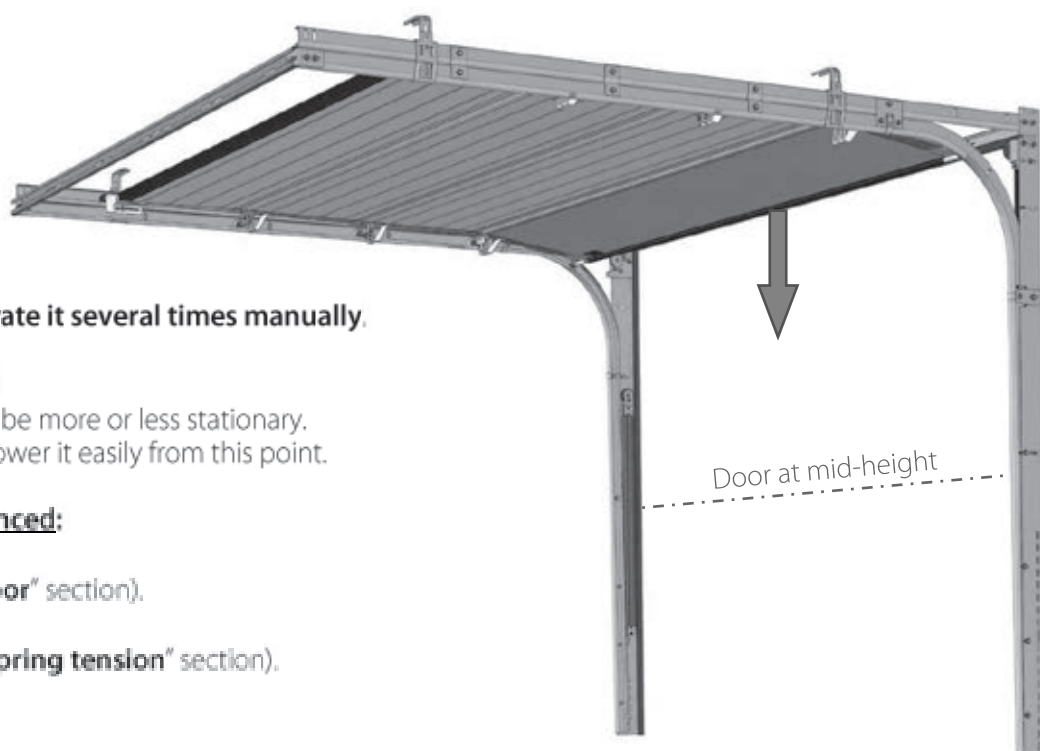
Gently close the door and **operate it several times manually**.

The shutter 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 shutter is not well-balanced:

- Raise and secure the door.
(refer to the "**Opening the door**" section).
- Tighten or loosen the springs
(refer to the "**Adjusting the spring tension**" section).



ADJUSTING THE SPRING TENSION



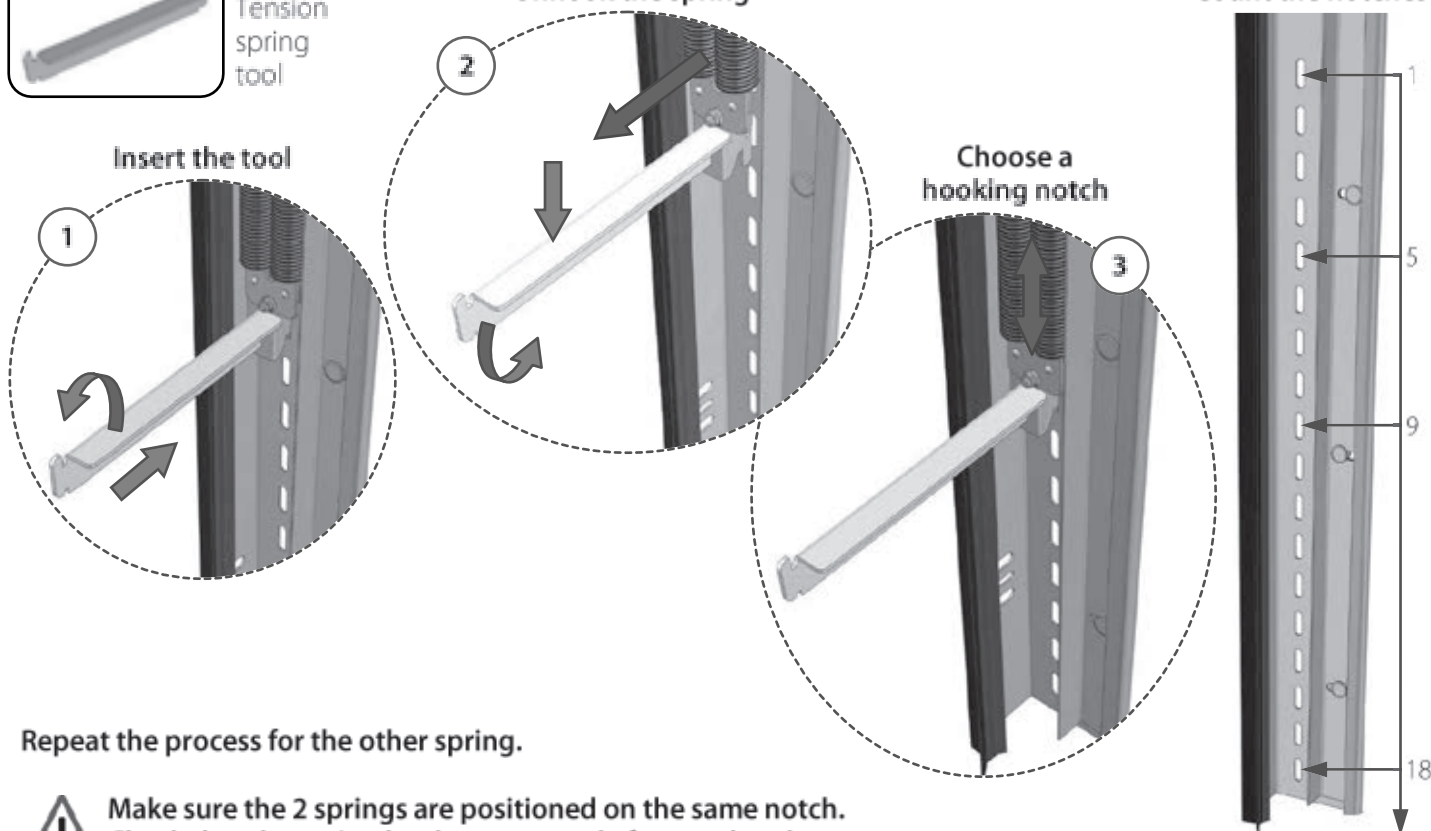
Tension
spring
tool

Insert the tool

Unhook the spring

Choose a
hooking notch

Count the notches



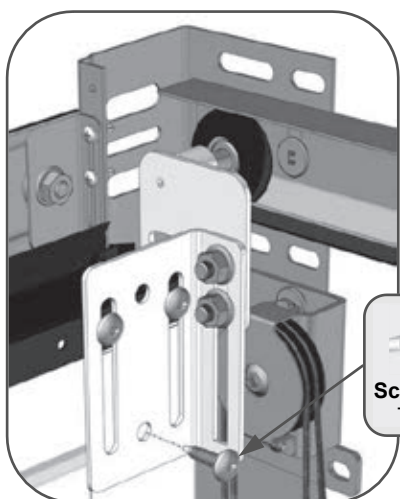
Repeat the process for the other spring.



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**" section above.

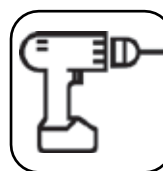
FIXING THE UPPER ROLLER SUPPORTS



Add

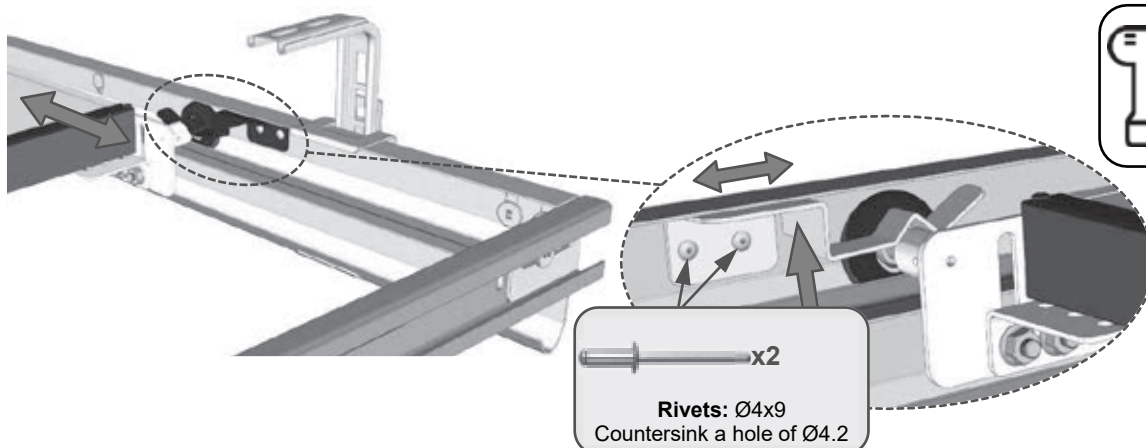
x1

Screws: Self-drilling
TB Torx 6.3x25



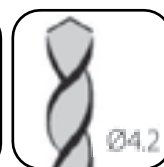
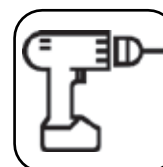
Repeat the process on the opposite side.

FIXING THE END POSITION CLIPS (MANUAL DOOR)



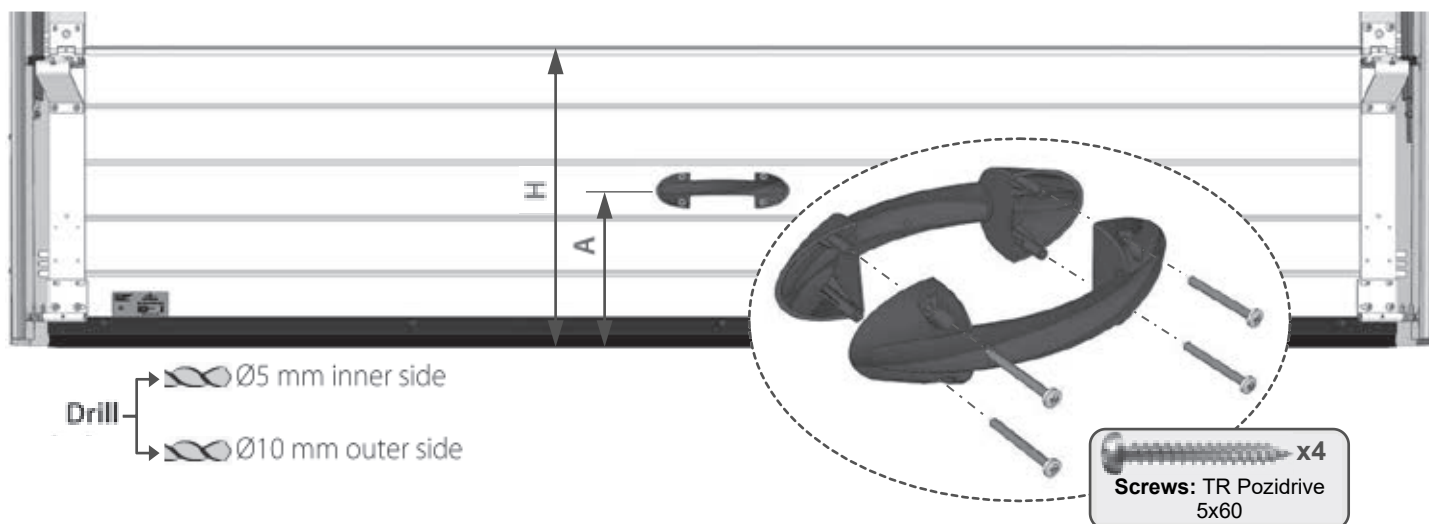
x2

Rivets: Ø4x9
Countersink a hole of Ø4.2



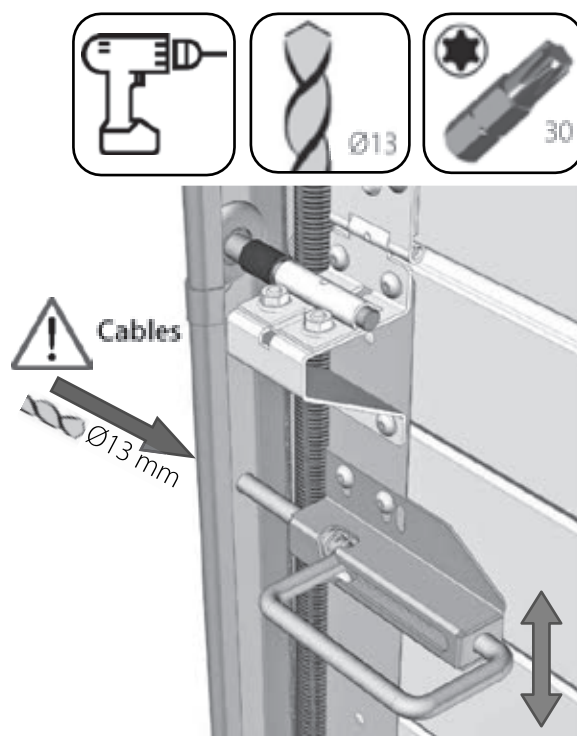
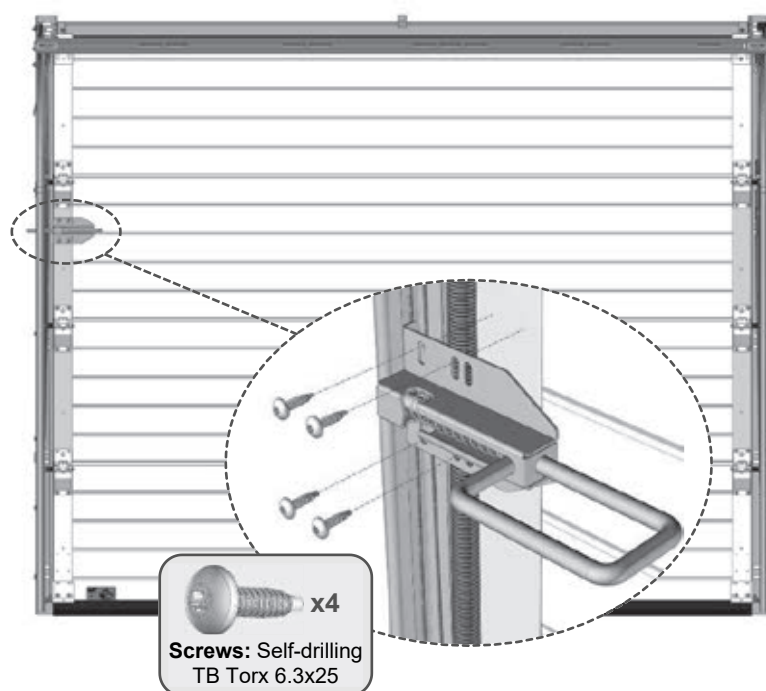
ASSEMBLING THE HANDLES (OPTIONAL EXTRA)

On the bottom panel: Max. handle position: $A = H / 3$



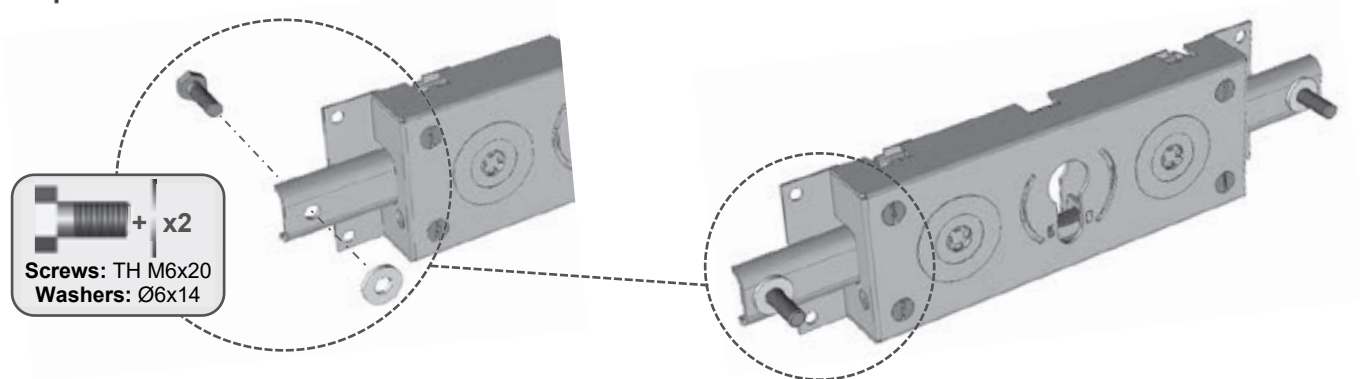
ASSEMBLING THE SLIDE BOLT (OPTIONAL ON MOTORISED DOORS)

On 2nd middle panel:

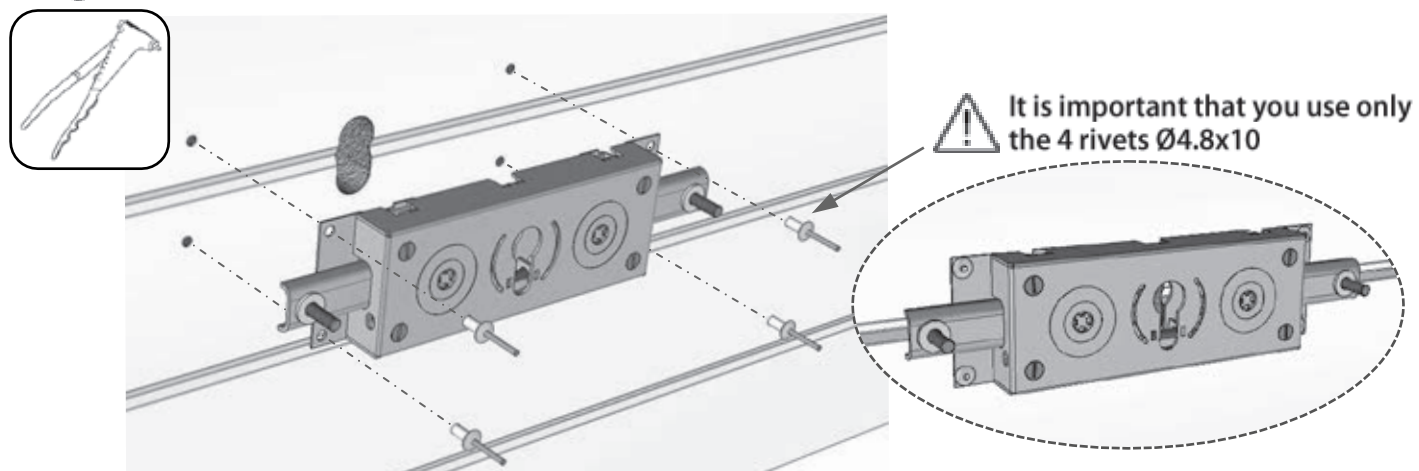


INSTALLING THE LOCK (OPTIONAL EXTRA)

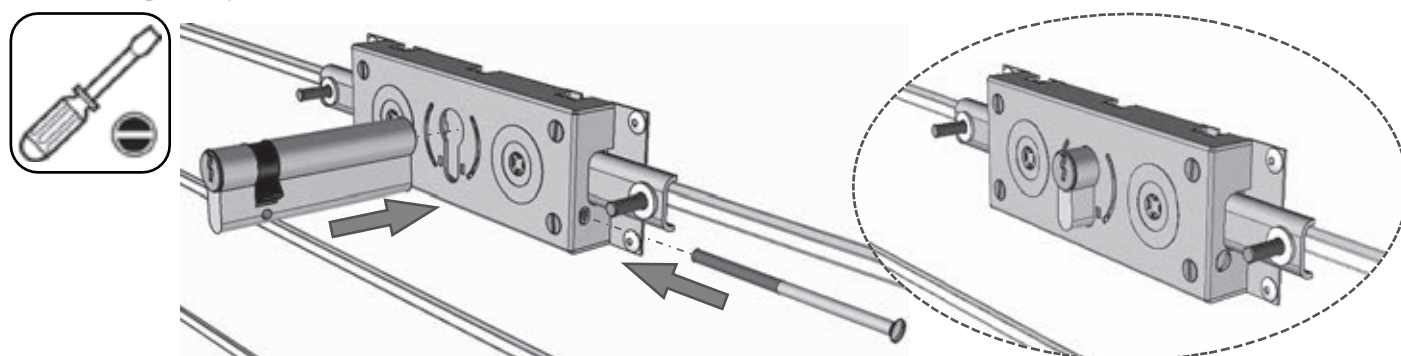
Prepare the lock:



Fixing the lock:



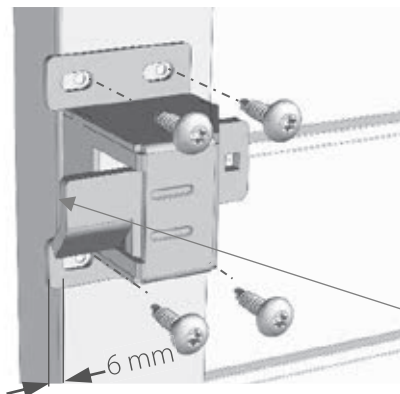
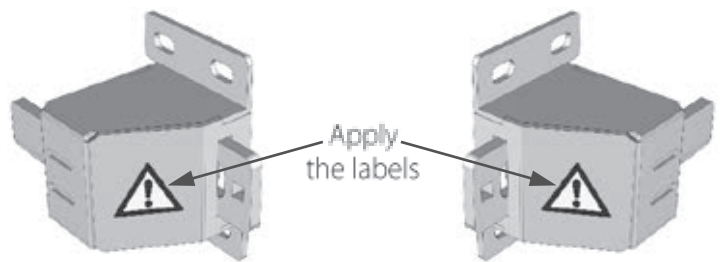
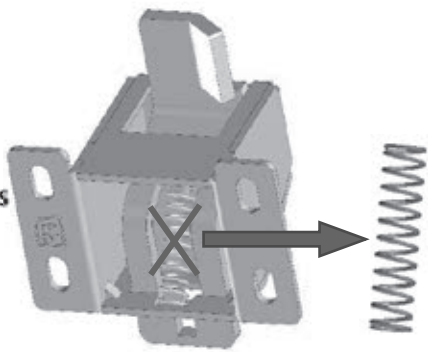
Assembling the cylinder:



Preparing the latches (left and right):

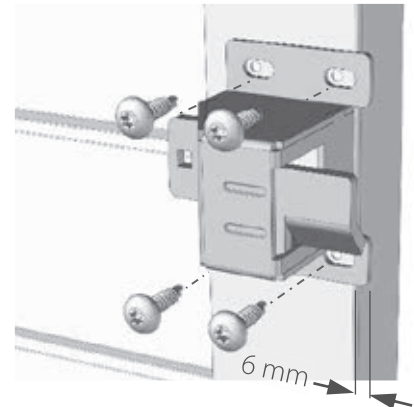
IMPORTANT

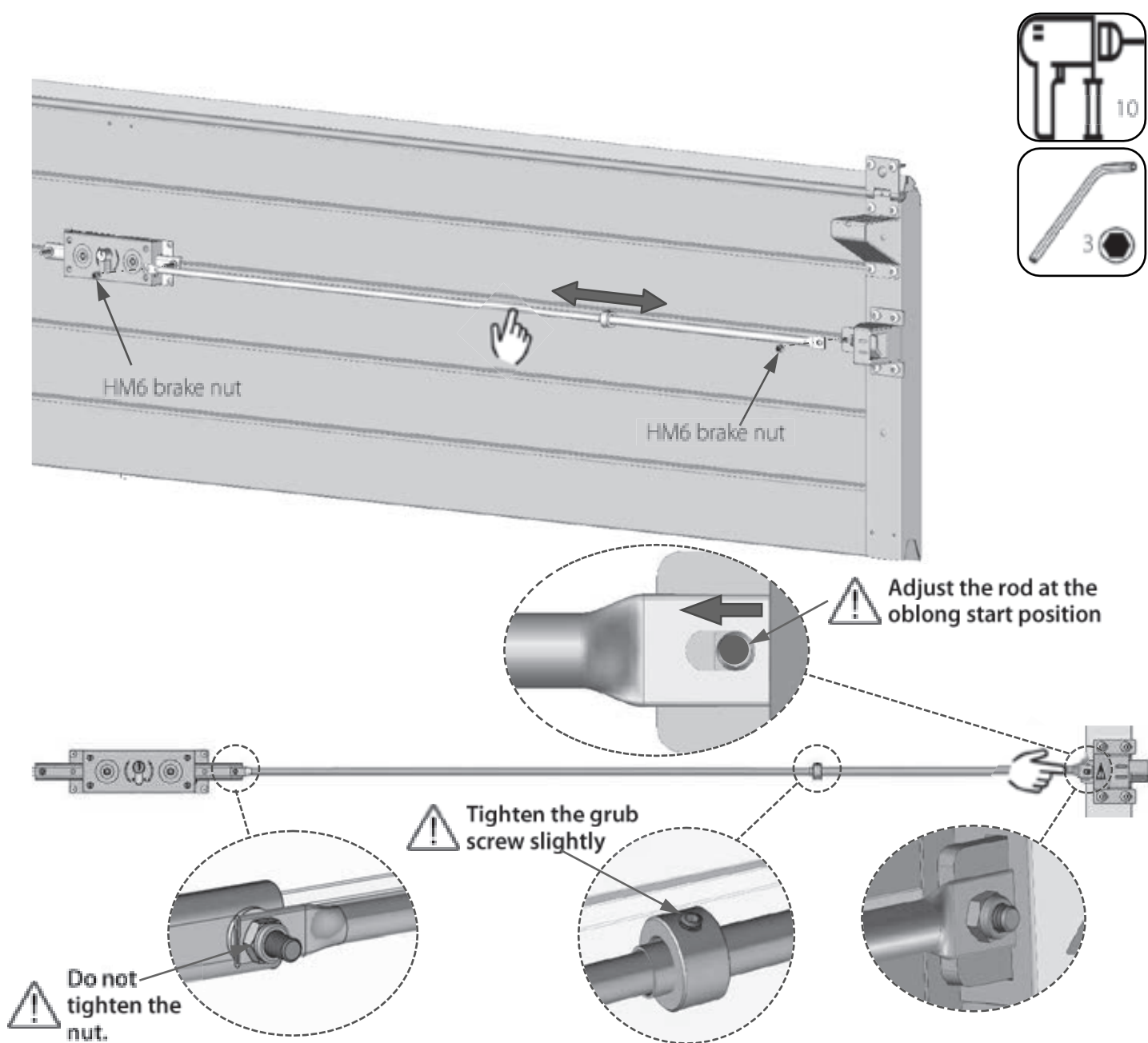
Remove the
springs from the
left and right bolts



**Screws: Self-drilling
TB Torx 6.3x25**

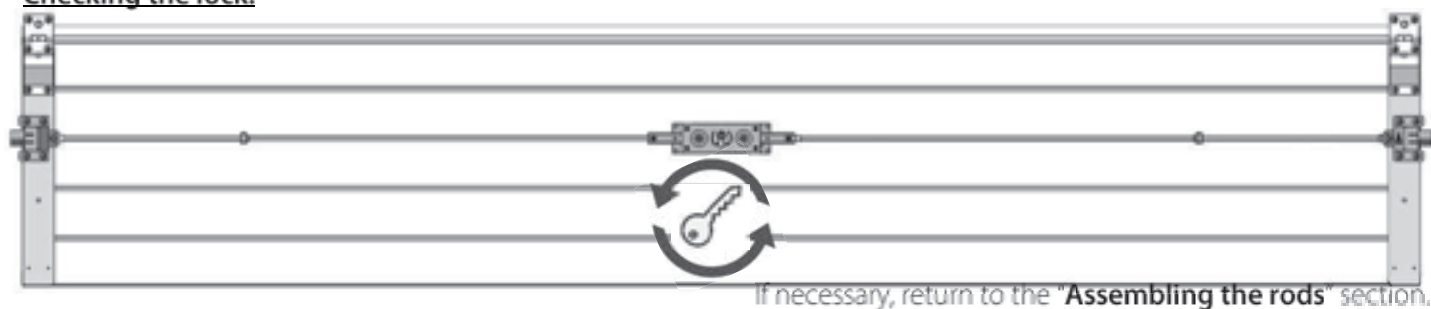
Hang the latches
over the end cap
by about 6mm.





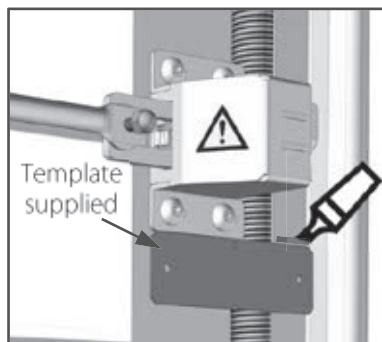
Repeat the procedure for the second rod.

Checking the lock:

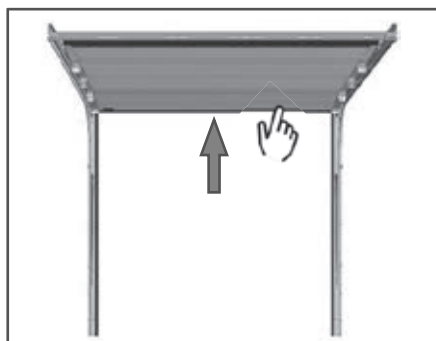


POSITIONING THE LOCK PLATES

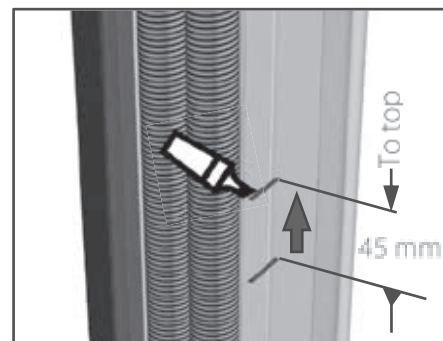
1- Mark out (on the 2 latches)



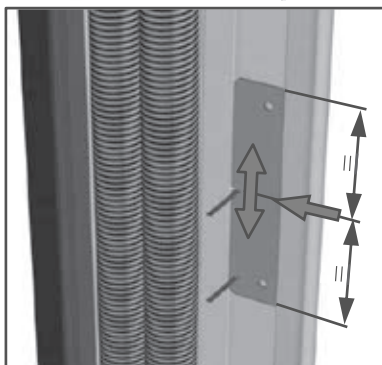
2- Open the door



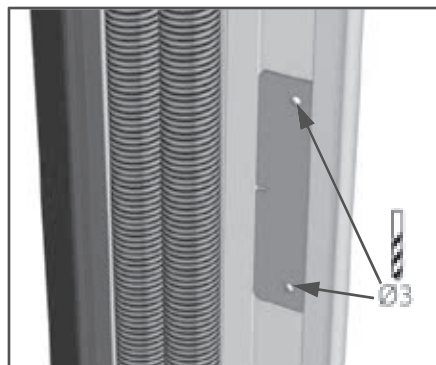
3- Offset the marking



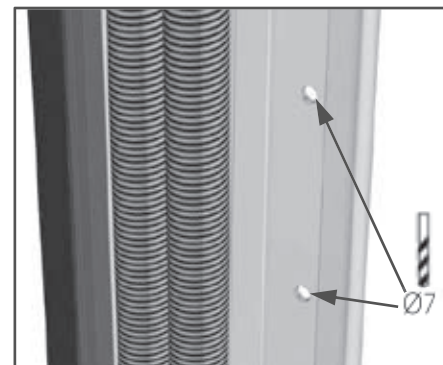
4- Position the template



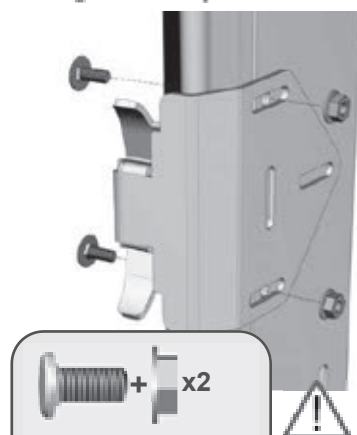
5- Mark out the drill holes



6- Drill the holes



Fixing the lock plates:

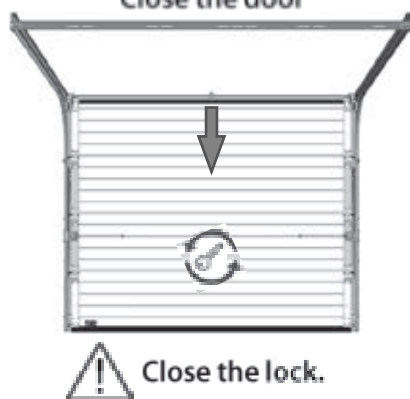


Screws: TRPCCM 6x16
Nuts: HM 6
(with notched base)

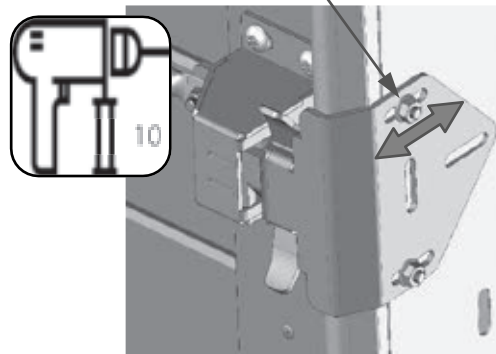


Do not fully tighten the nuts.

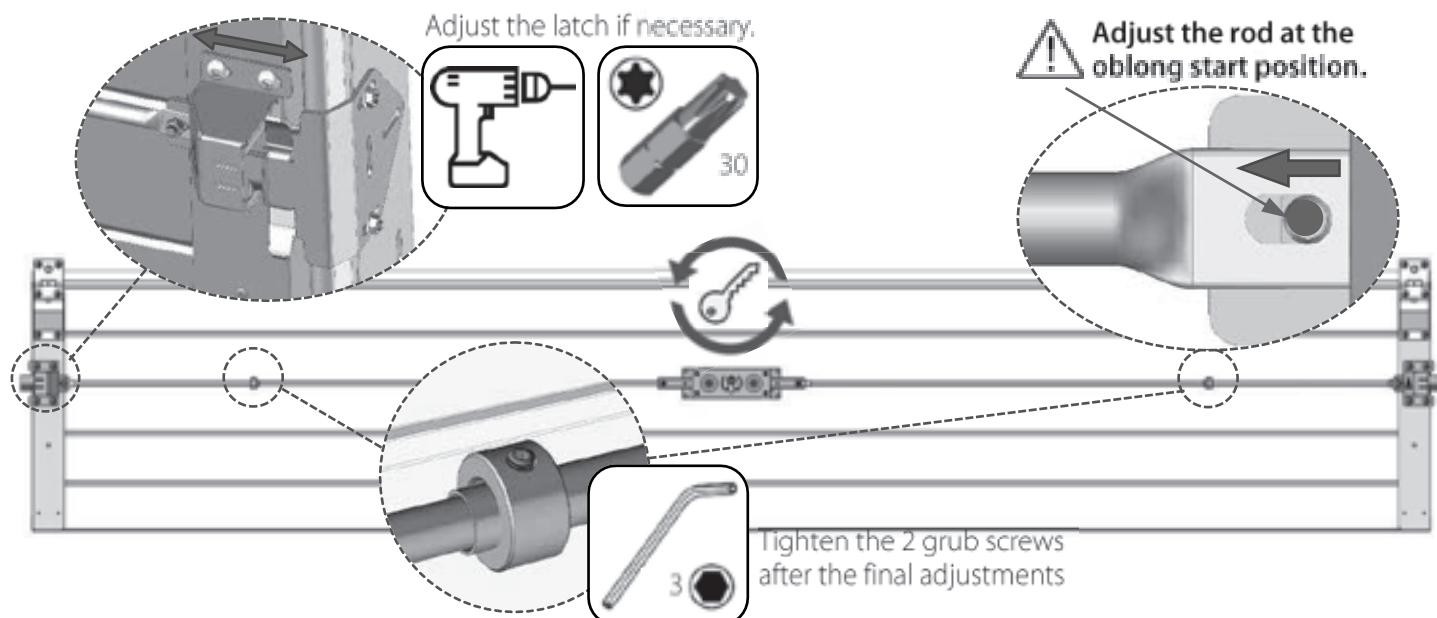
Close the door



Adjust the lock plates
Tighten the nuts after adjusting

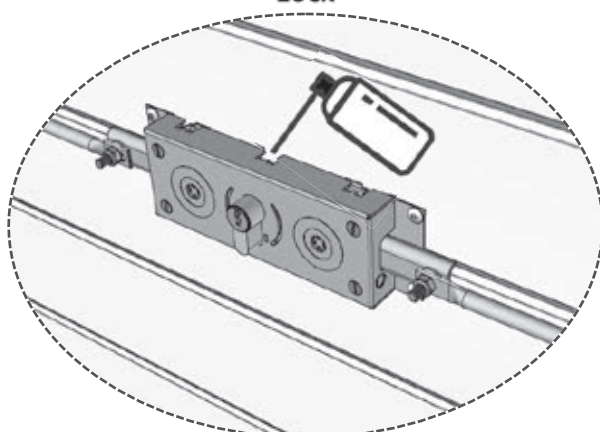


Allow some play between the strike plate and the latch.

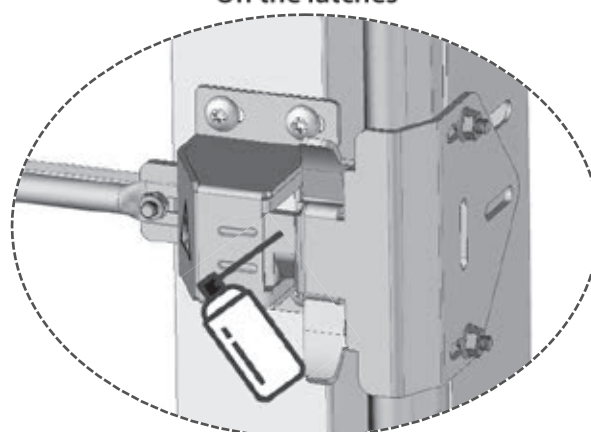


Lightly grease the lock and the 2 latches:

Lock



On the latches

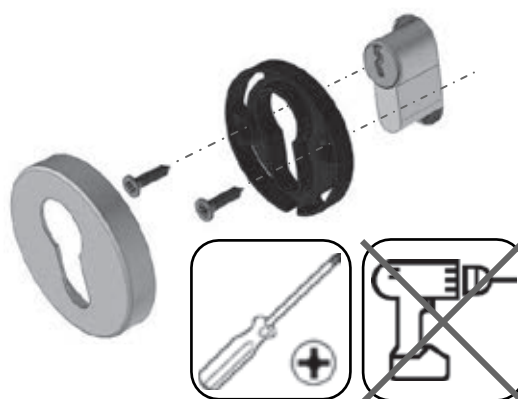
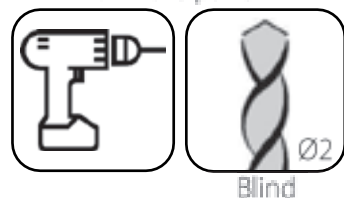


IMPORTANT:

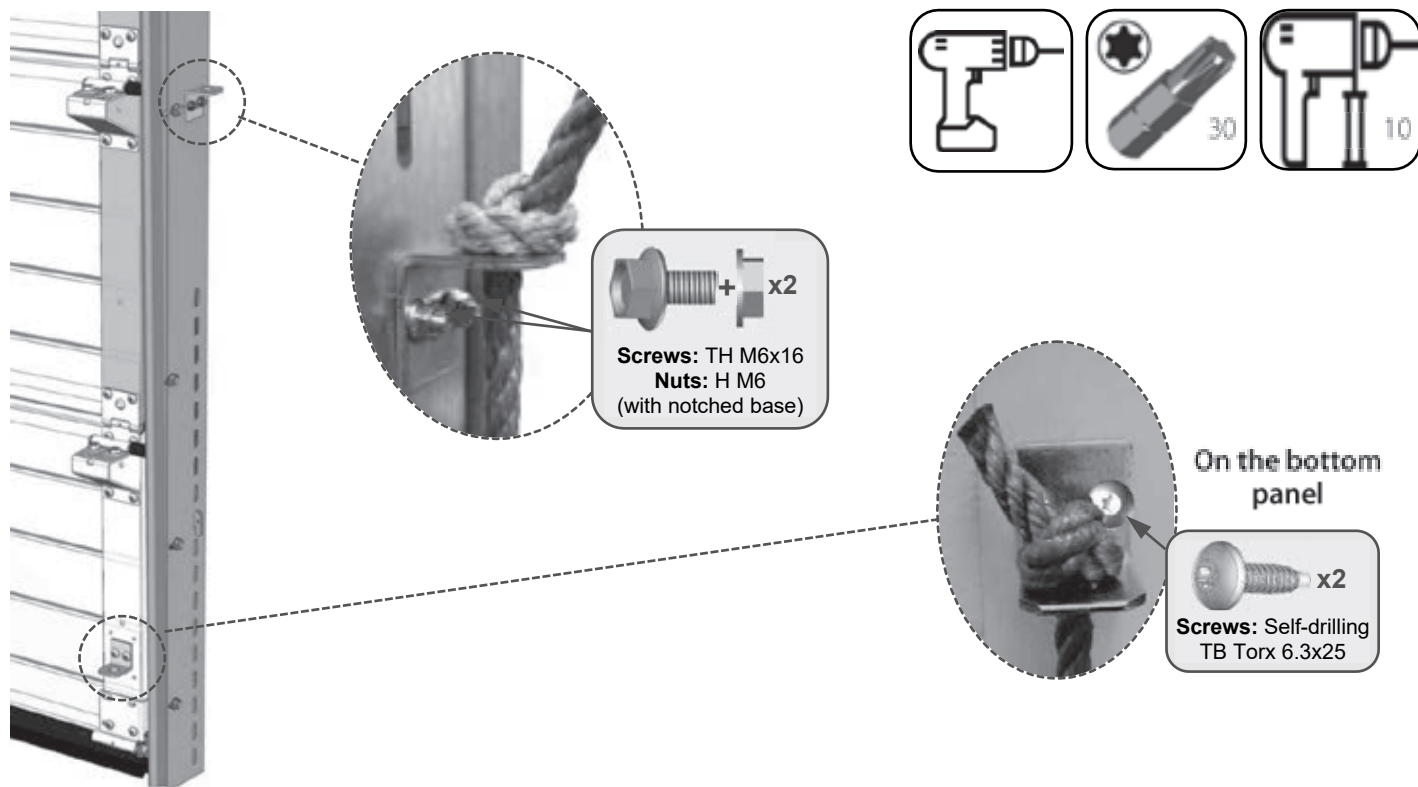
If you feel a rough spot, check the installation of the latches, rods and locking plates.

Fixing the cover plate:

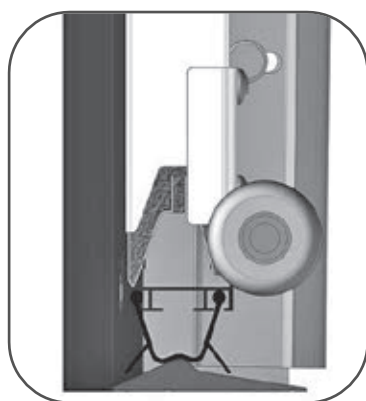
Drill the panel



INSTALLING THE PULL CORD (MANUAL DOOR)

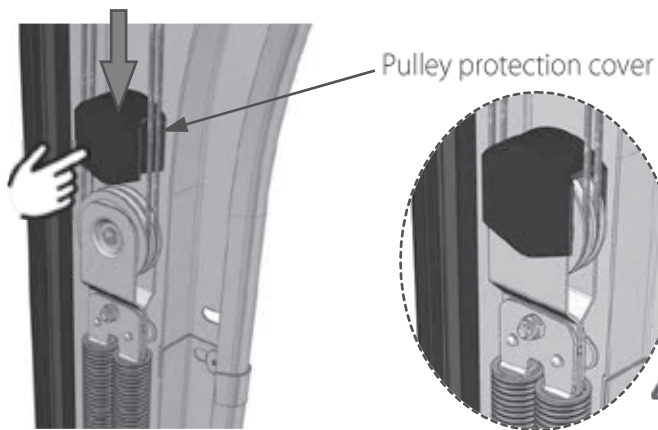


SECEUROSEAL WEATHER SEAL (OPTIONAL)



Weather seal section
to be glued to the floor between the rails.
Refer to SeceuroSeal Installation Instructions.

ASSEMBLING THE SPRING PULLEY COVERS (OPTIONAL)

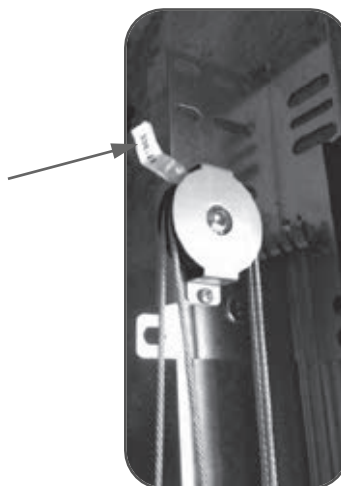


Pulley covers are not supplied if the rails are equipped with the protection cover option.

REMOVING THE COVER LABELS



Remove the cable labels



[1] Releasing the motorisation

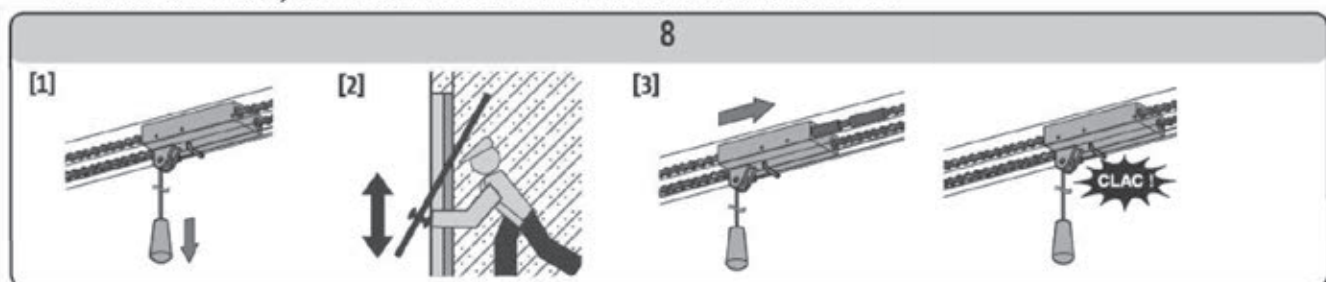
Pull on the cord until door drive system is released.

[2] Manual manipulation of the door

This is possible as the drive system is released.

[3] Re-engaging the motorisation

Move the door manually until the drive mechanism re-locks on the transmission rail.



When releasing the motorisation, sudden movements may occur if the door is incorrectly balanced which may be dangerous. Only use the cord to release the motorisation. Never use the cord to manipulate the door manually. It is essential that the motorisation is re-engaged before any new commands.

11. SET THE LIMITS

- i. Instructions on how to set up the operator and the door's limits are provided in the accessory box, you can also access them digitally using this QR code or link: www.sws.co.uk/fitting-instructions



12. COMMISSIONING

Final Checks

- i. Remove any protective plastic coverings.
- ii. Wipe panels with damp cloth.
- iii. Touch-up any small scratches.
- iv. Check all electrical & operating equipment is installed and functioning correctly and complete UKCA marking label and paperwork.

N.B. Check the front of the panels to make sure that it is not rubbing on the lintel.

This will take a few moments to occur.

If you wish to demonstrate how to operate the door manually immediately after opening the door press either the stop button on the handset or simulate a power cut by switching off the power to the operator.

Upon completion it is your responsibility to train the customer how to operate the door correctly and safely and provide them with the operating and maintenance instructions supplied.

13. TECHNICAL ASSISTANCE

If you require any on site technical assistance including repair or maintenance queries please call 01524 772400 or email technical@swsuk.co.uk.