HK85 installation

Contents

1 Toolings

Electric drill	Gradienter	Allen key

2 Components

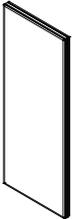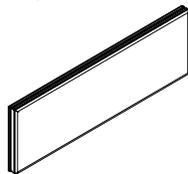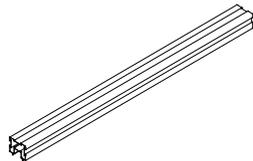|		
Wall starter	Ceiling connection	Bottom connection
Vertical panel	Horizontal panel	Corner pole
Blind	Top bar	
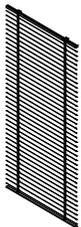
3 Component installation

Typical 1: Partition up to ceiling

3.1 Wall starter installation

3.2 Ceiling connection installation

3.4 Horizontal panel installation

3.5 Vertical panel installation

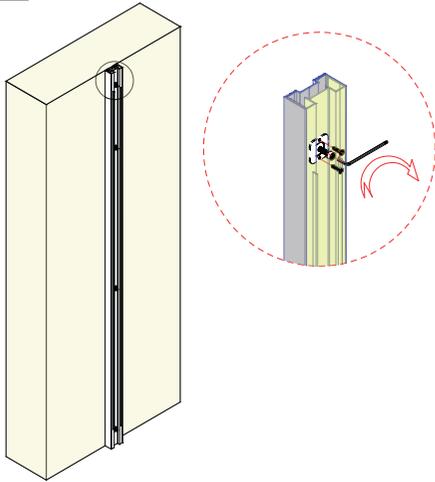3.6 Blind installation

3.2 Bottom connection installation

3.3 Corner pole installation
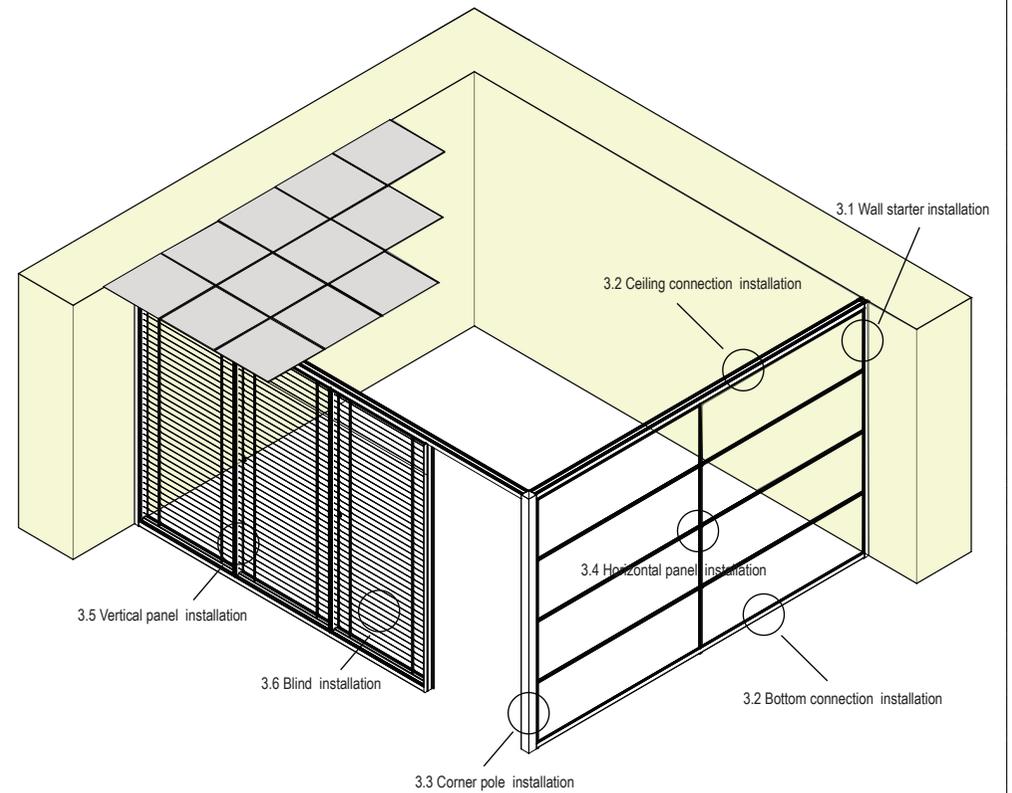
3.1 Wall starter installation & vertical adjustment

1

A — A

A - A

2

3

Regulate the vertical adjusting pole to the vertical position by the M8*30 bolt,and fix it with the side groove by self-tapping screw.

30mm adjustable distance

Push-out the vertical adjusting pole to the vertical position by the M8*30 bolt.
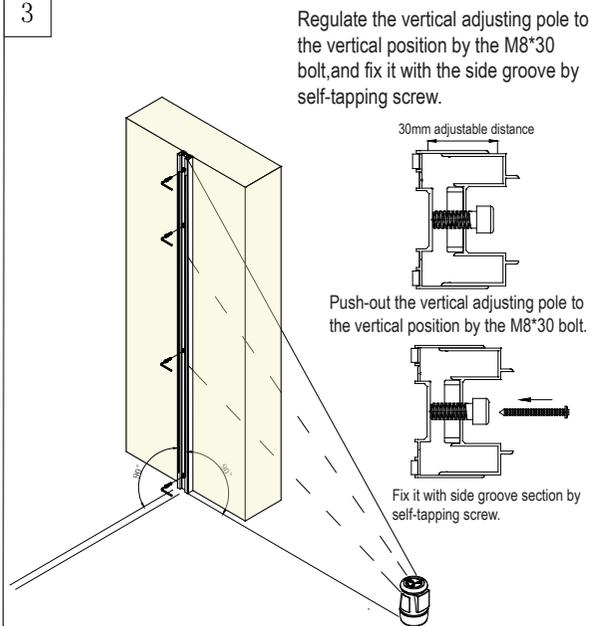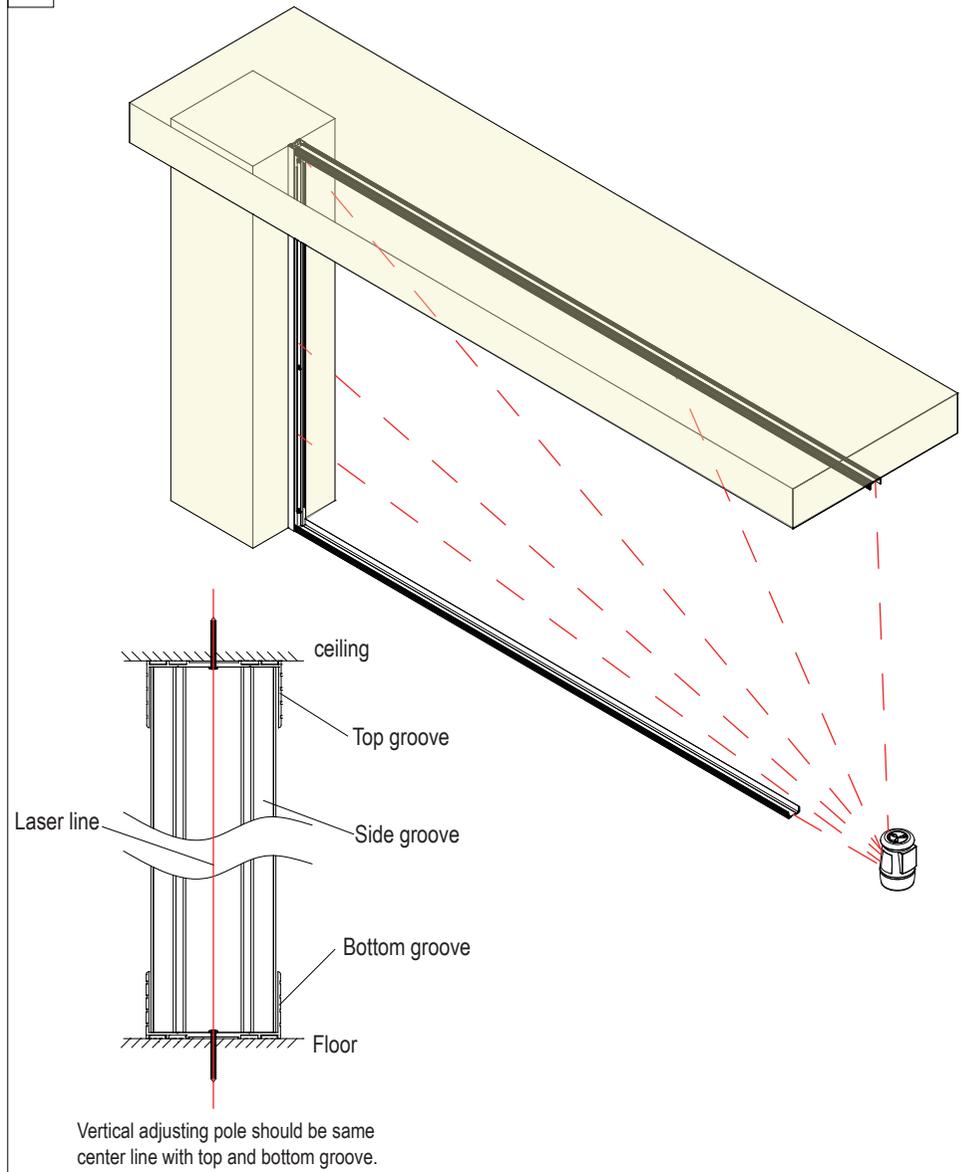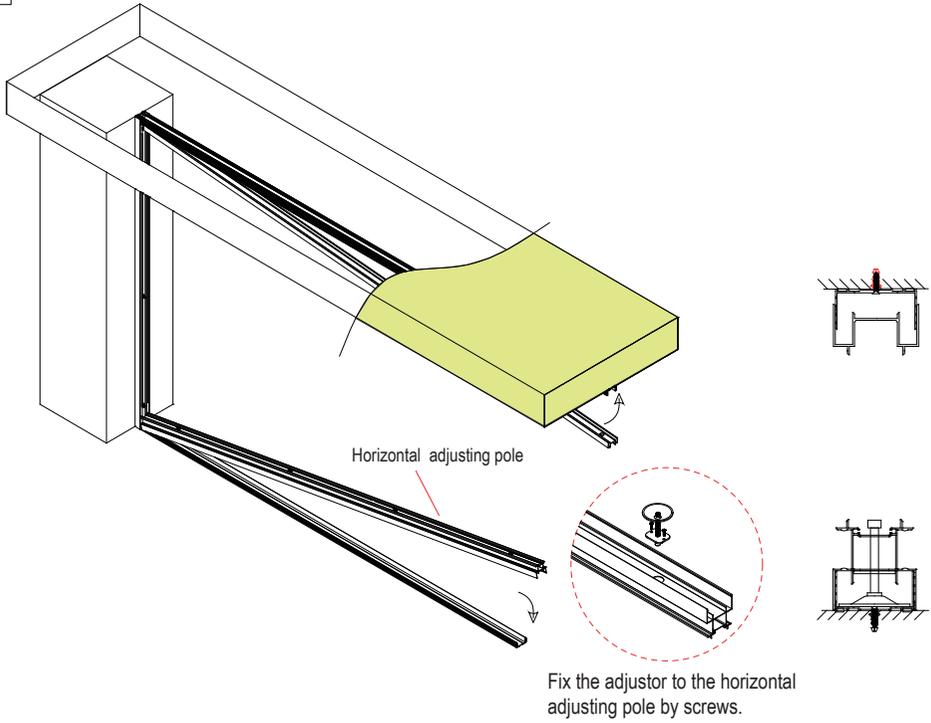
Fix it with side groove section by self-tapping screw.
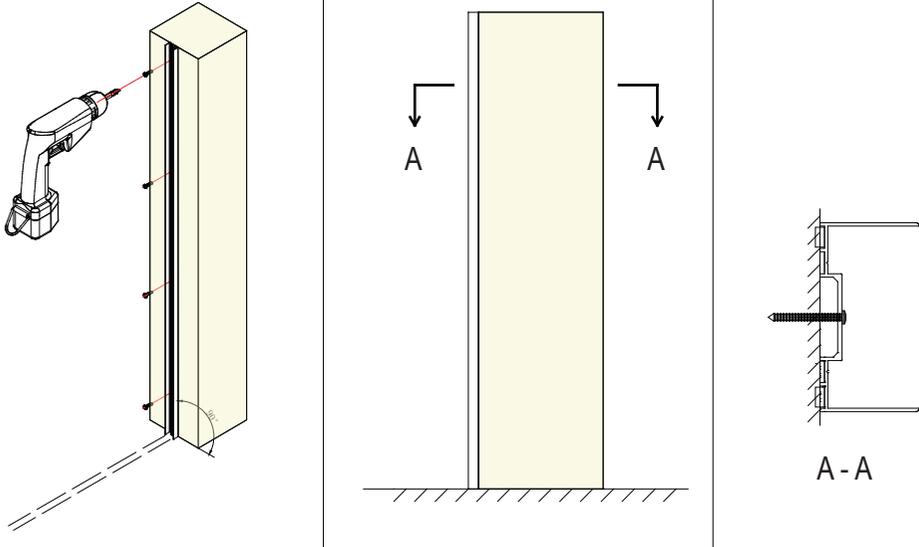
3.2 Top and bottom groove installation & vertical

1

ceiling

Top groove

Laser line

Side groove

Bottom groove

Floor

Vertical adjusting pole should be same center line with top and bottom groove.

2

Horizontal adjusting pole

Fix the adjustor to the horizontal
adjusting pole by screws.

3

cable channel cover

4

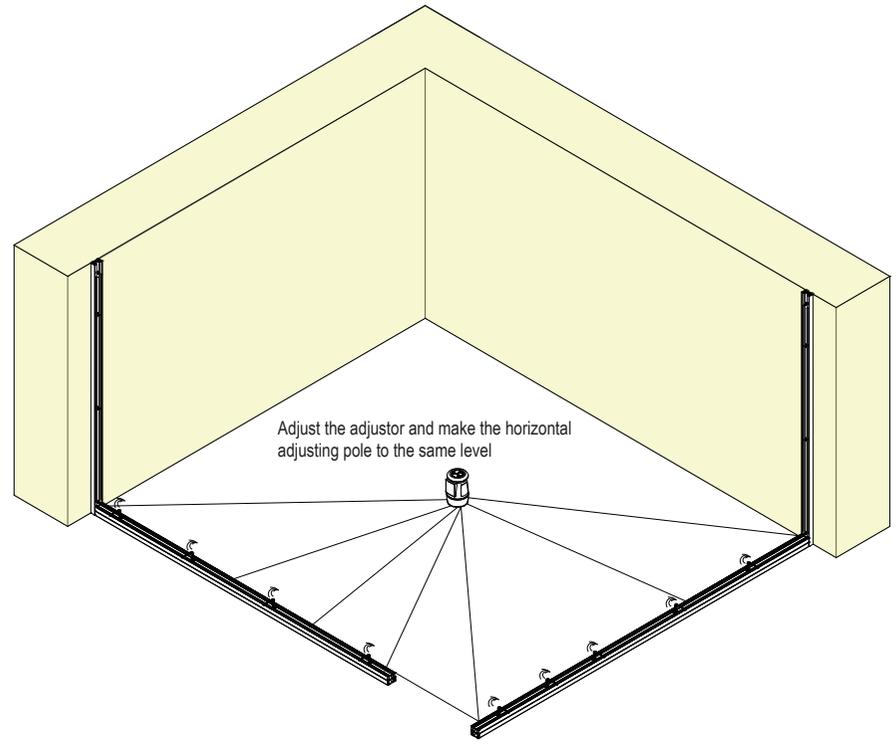Adjust the adjustor and make the horizontal
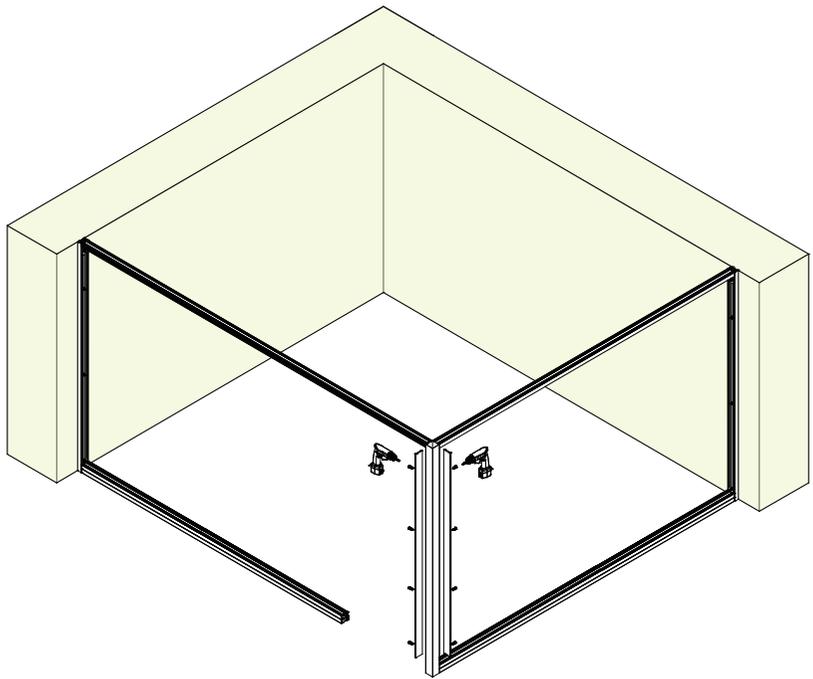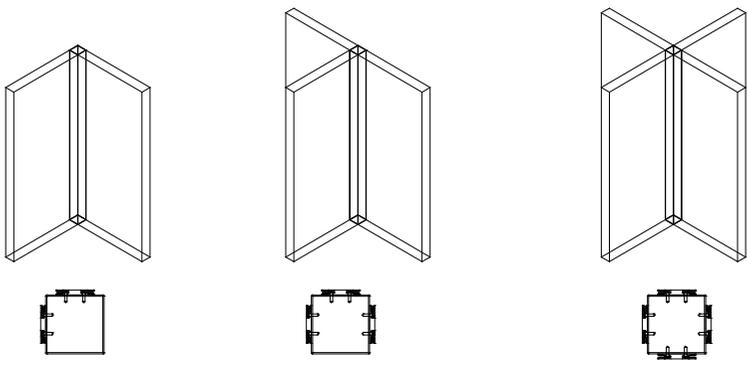adjusting pole to the same level

3
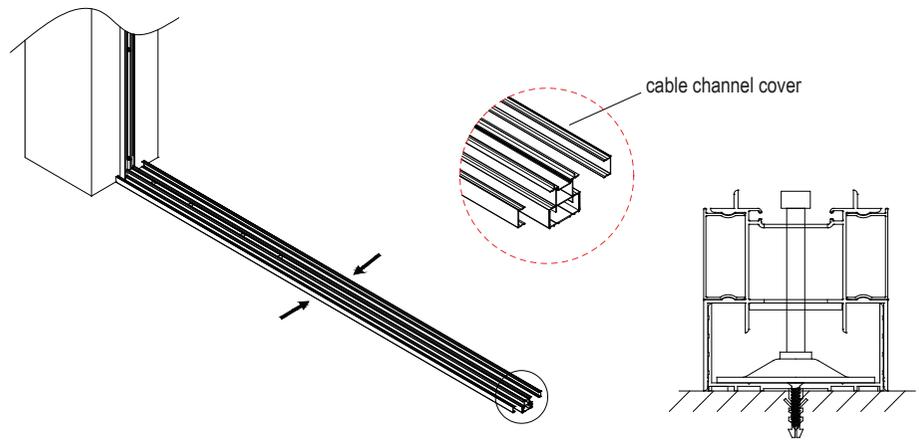
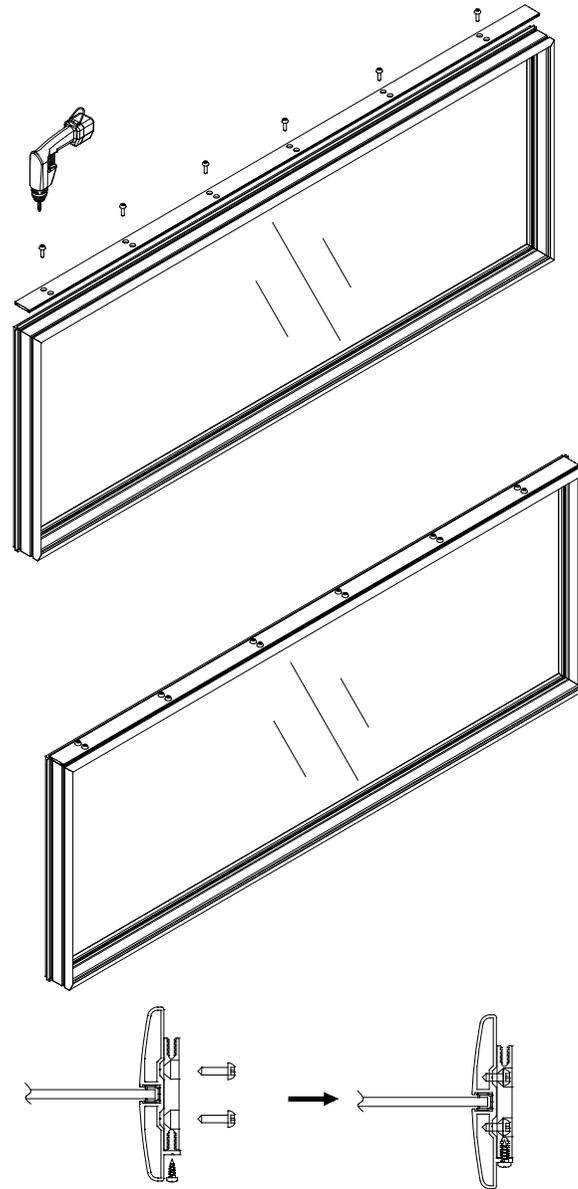## 3.3 Corner pole installation

Different corner pole

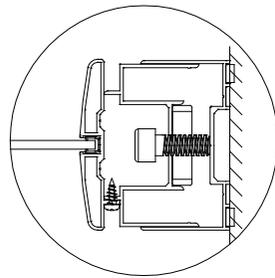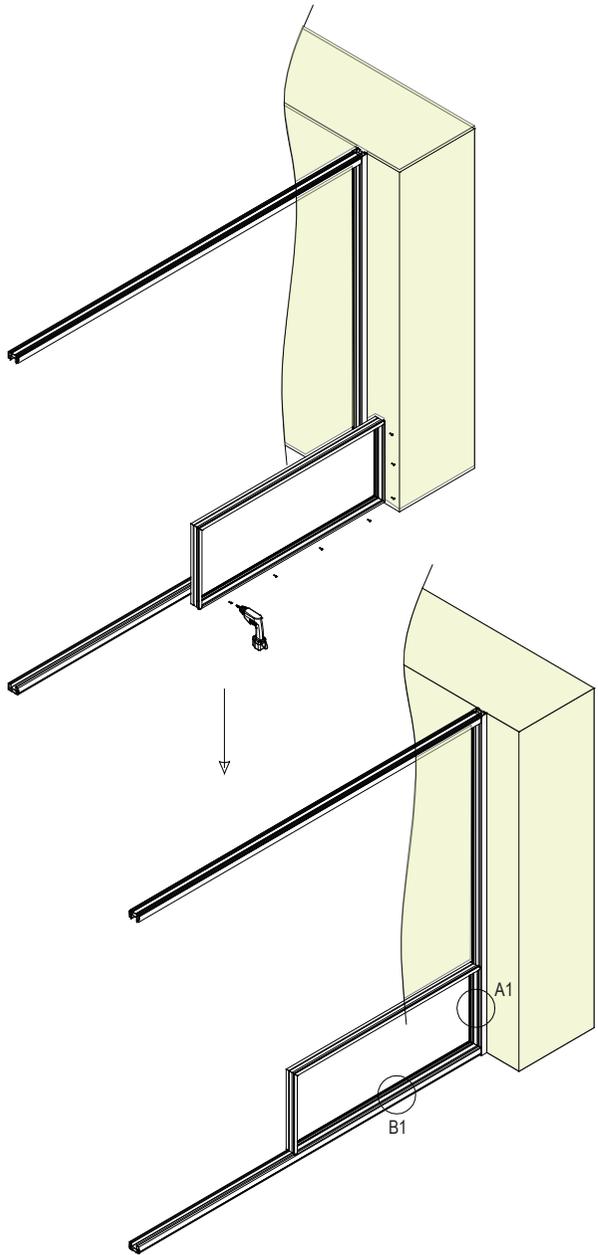2 ways connection system

3 ways connection system

4 ways connection system

3.4 Horizontal panels connection

1

2

Section A1

A1

B1

Section B1

3

A2

B2

Section A2

Section B2

1

2

A3

B3

Section A3

Section B3

3

Section A4

Section B4

1

Folding position

Open position
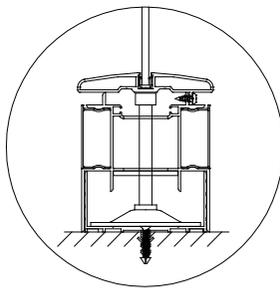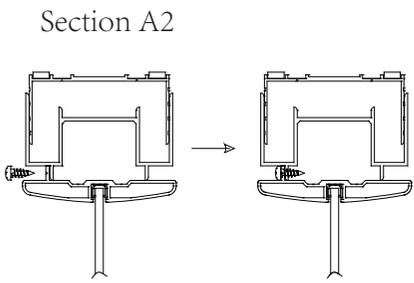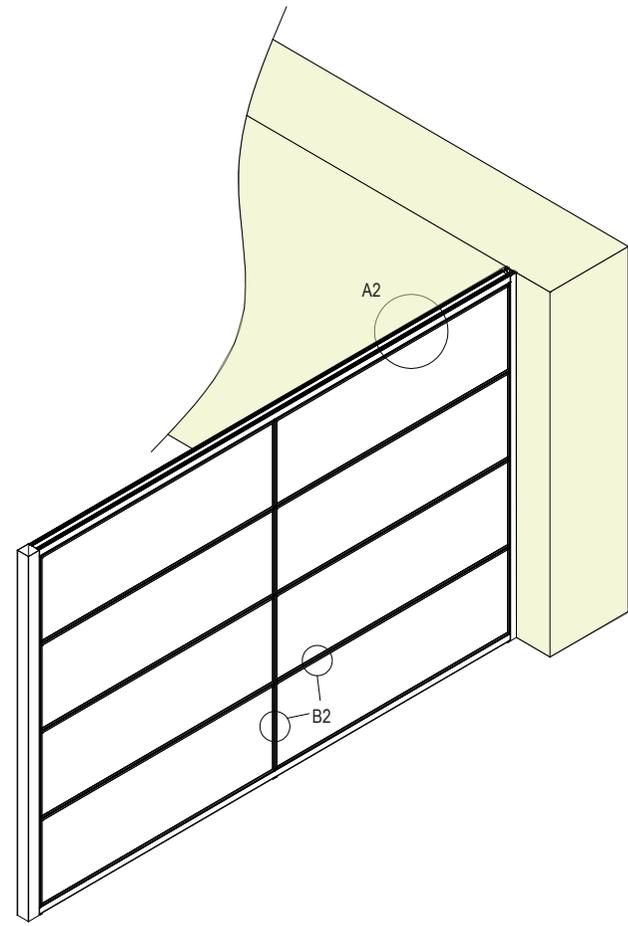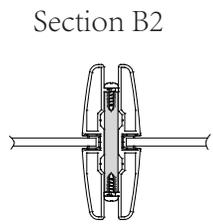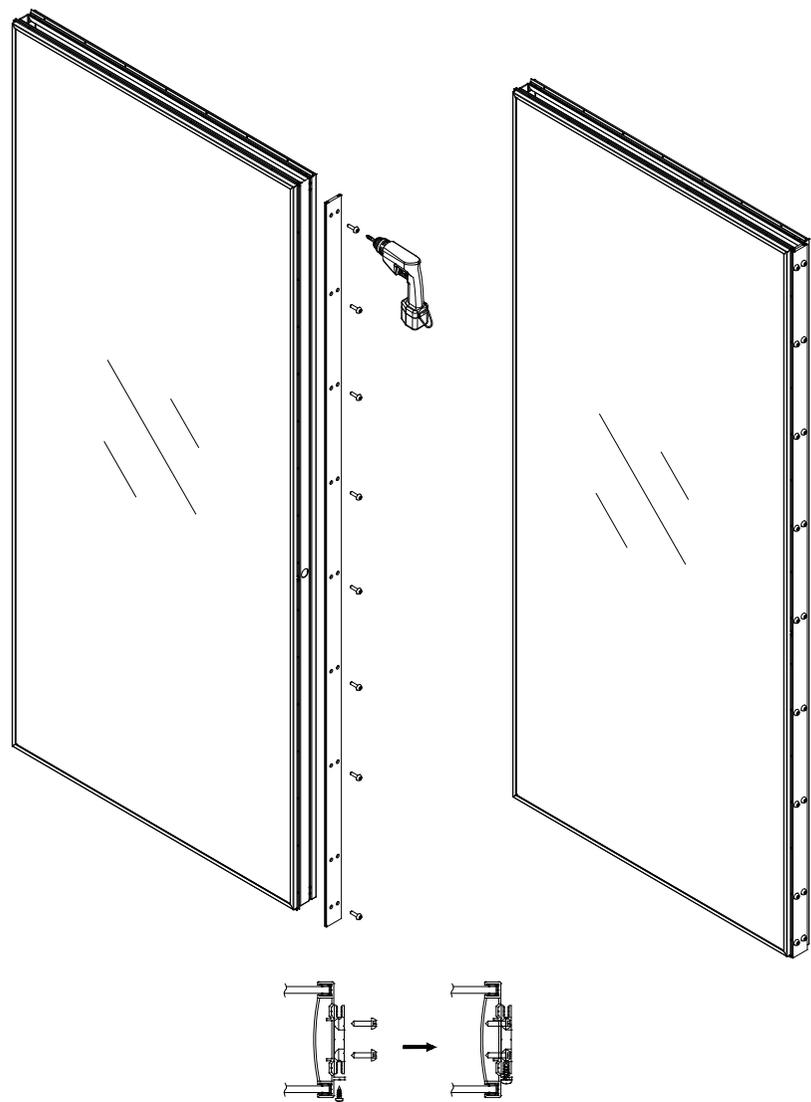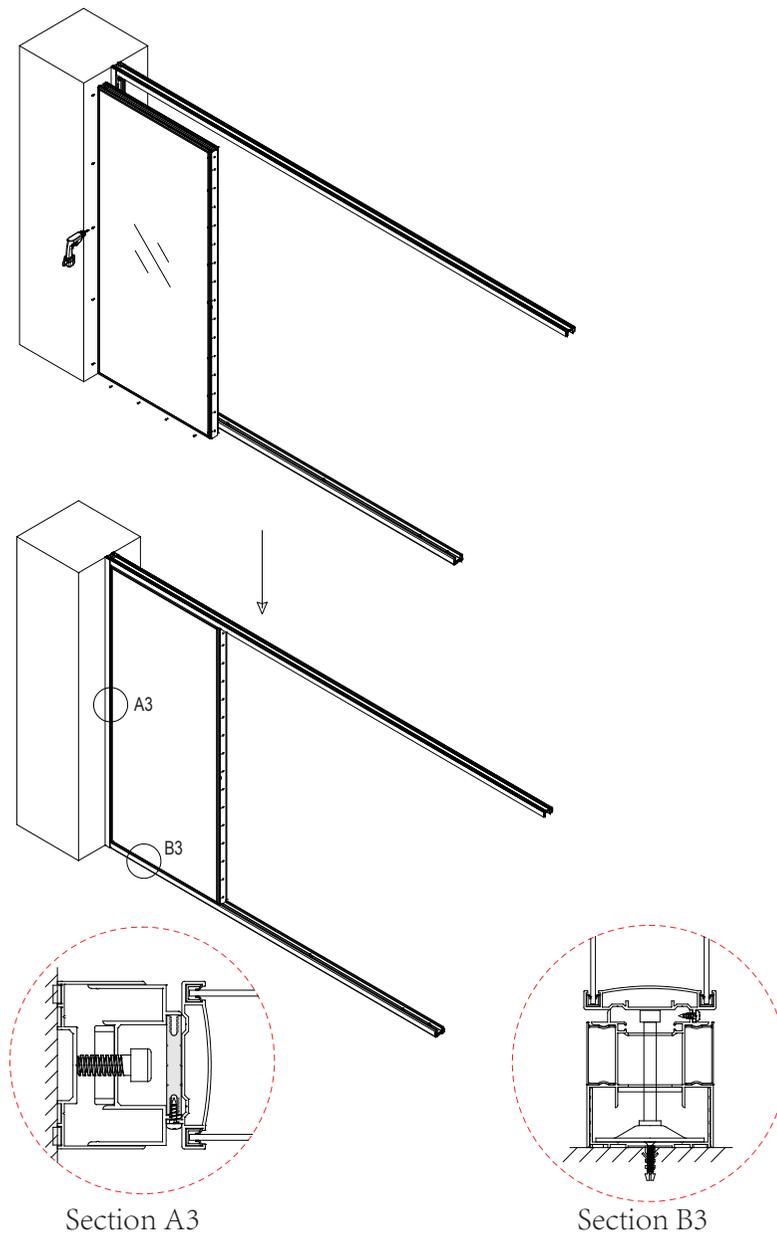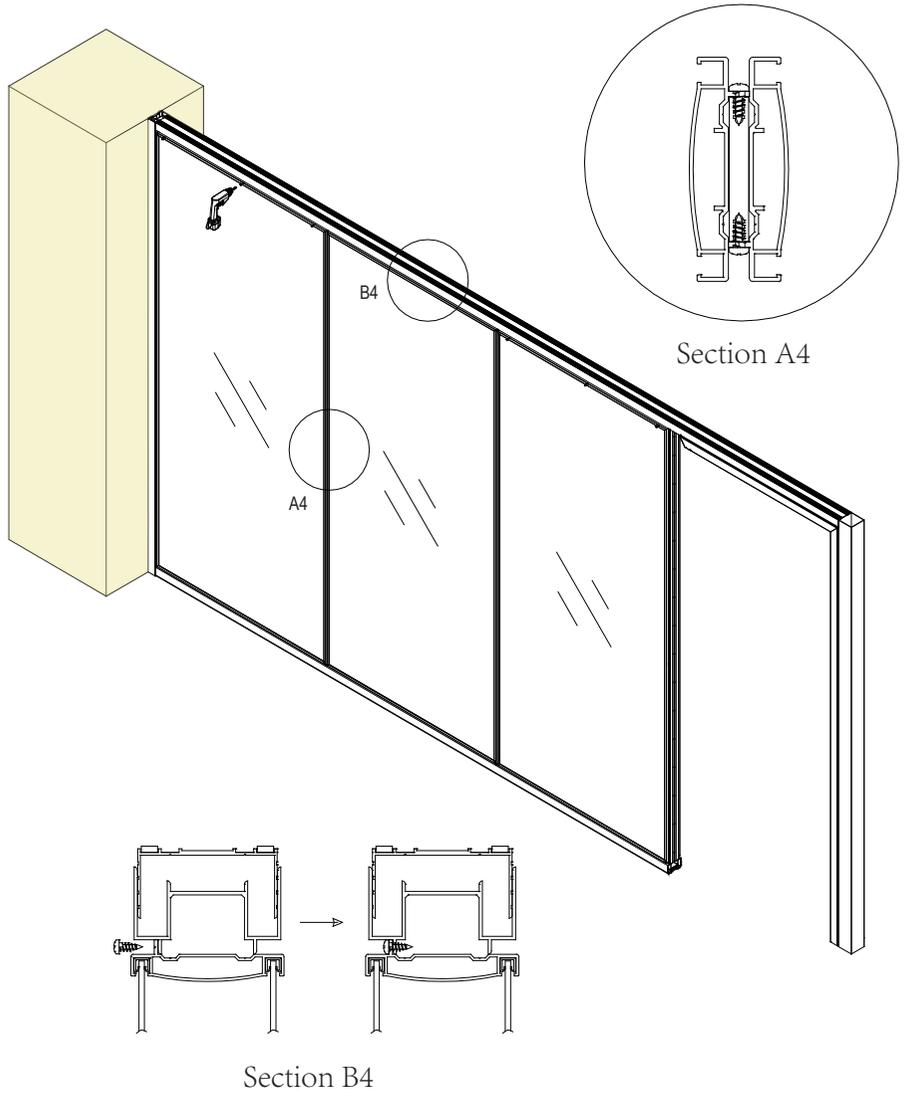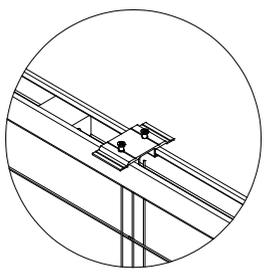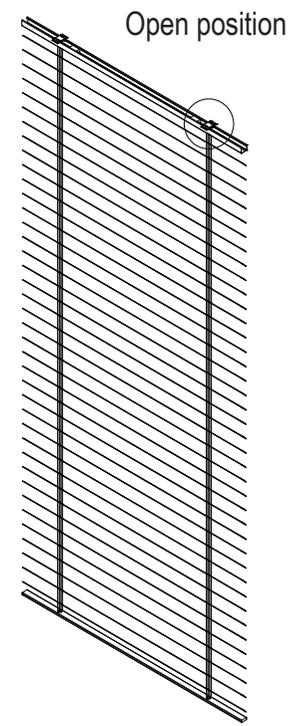
2
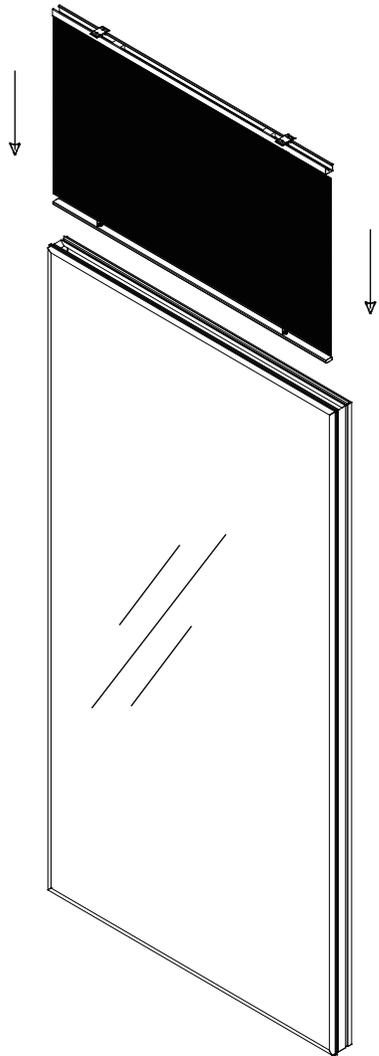
3
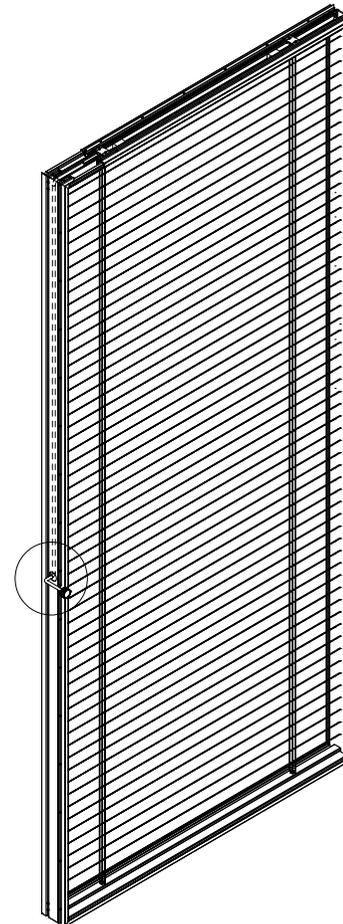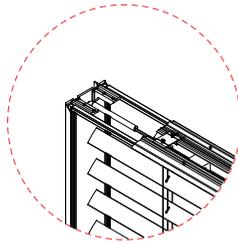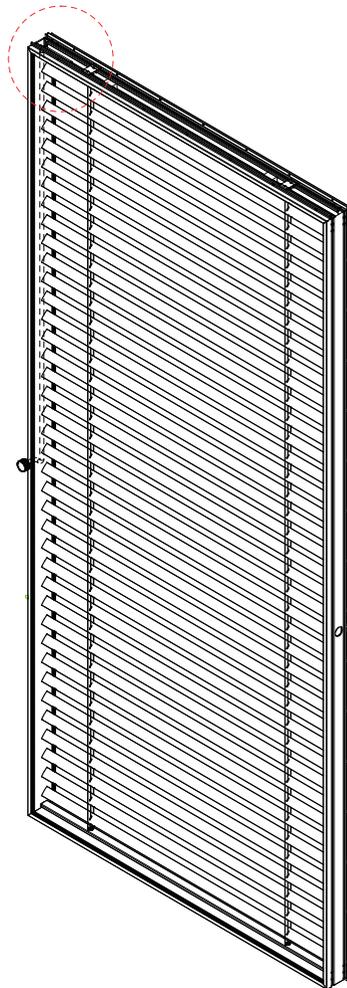
Controlled wire :
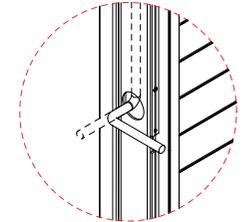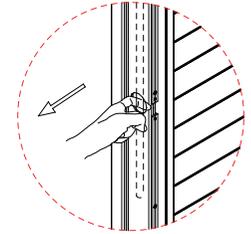
Controller :
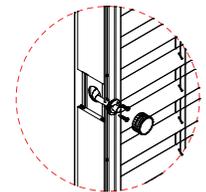
Note: Controller should not be fixed at the corner position.
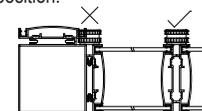
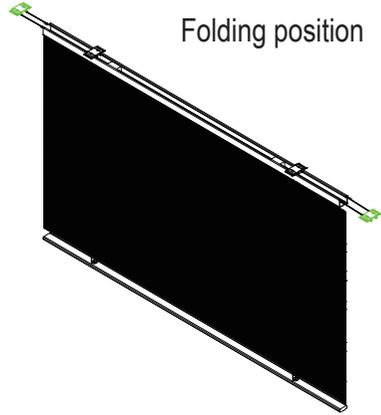## Typical 2: Partitions not up to ceiling
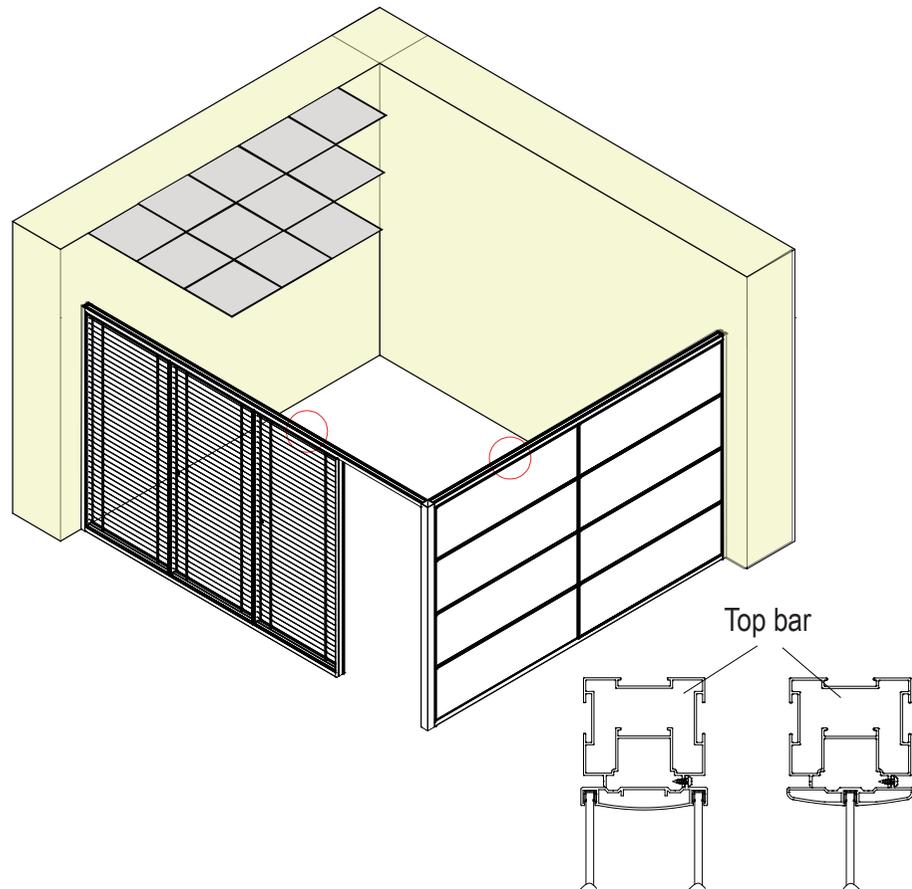
Top bar

Note:

1.The only difference is to use top bar instead of ceiling connection when the partitions are not up to ceiling.

2.Fix the bottom connection,then fix the first panel,then fix the top bar,finally fix othe panels one by one.

① Connection between top bar and wall starter

M8*60 round head bolt
X   1

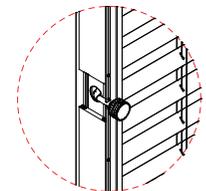② Connection between top bar and corner pole

M8*50 round head bolt
X   2

4　Door Illustration

4.1	Wood swing door illustration

Ⅱ:Door leaf

Ⅳ:Door closer

Ⅰ: Door frame

Hinge

Ⅲ:Coded lock

Ⅰ: Door frame installation
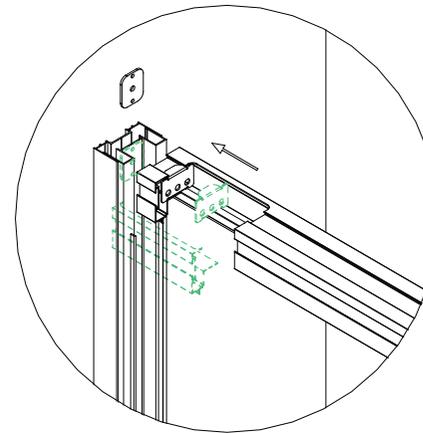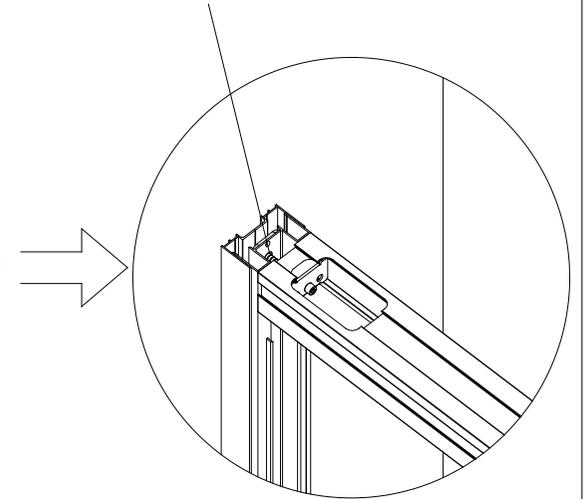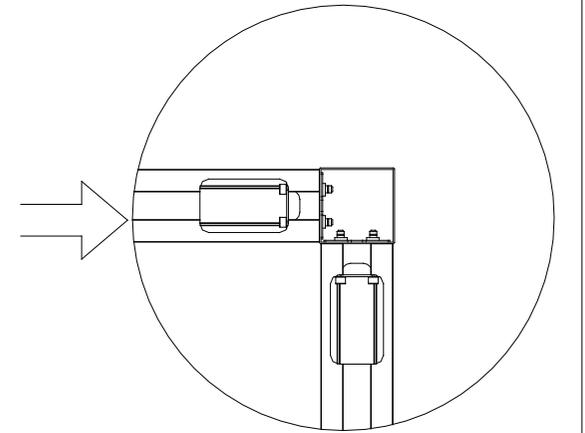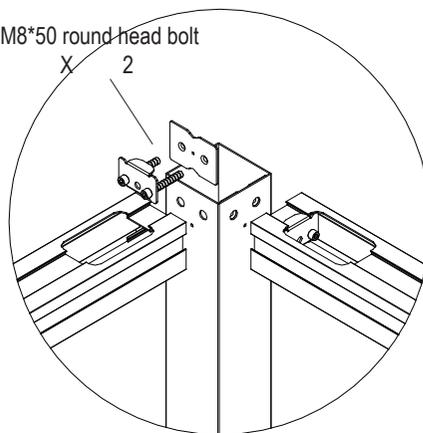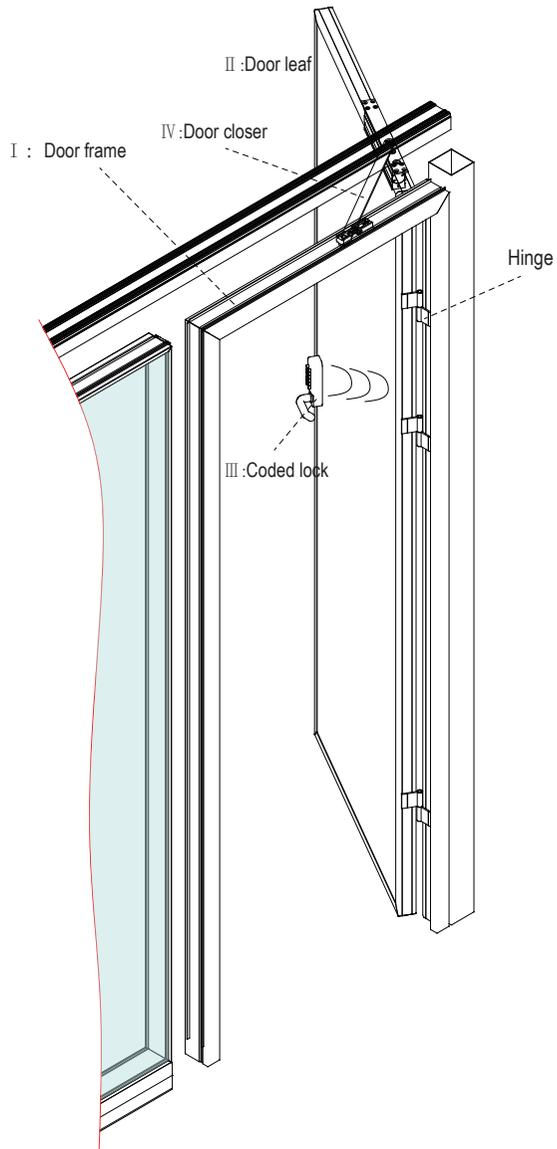
Step 1: Up door frame installation

A

A

A−A

Remark:

① Soft rubber

Insert the soft rubber before door frame fixing

② Locator

Hook

The locator should be fixed near the hinges side.
The hook should be fixed near the lock side.

Locator　　Hook

Insert the hook and locator before fixing the upper door frame.

③ Main corner connector

Sub corner connector

Put the corner connectors.

Step 2：Lock side door frame installation

B

B

B

B–B

Remark:

Plastic strip

①

Soft rubber

Sealing

Insert the soft rubber, before fixing the lock side door frame.
After fixing the lock side door frame, fix the plastic strip then clip the sealing.

②

45°joining

Step 3:Hinge side door frame installation

C

C

C

C-C

Remark:

①

Soft rubber

②

Hinge

Plastic ring

③

Plastic strip

Sealing

Insert the soft rubber before fixing the door frame.
Fix the hinges in the pre-drill holes.Fix the plastic strip and door sealing finally.

Ⅱ: Door leaf installation
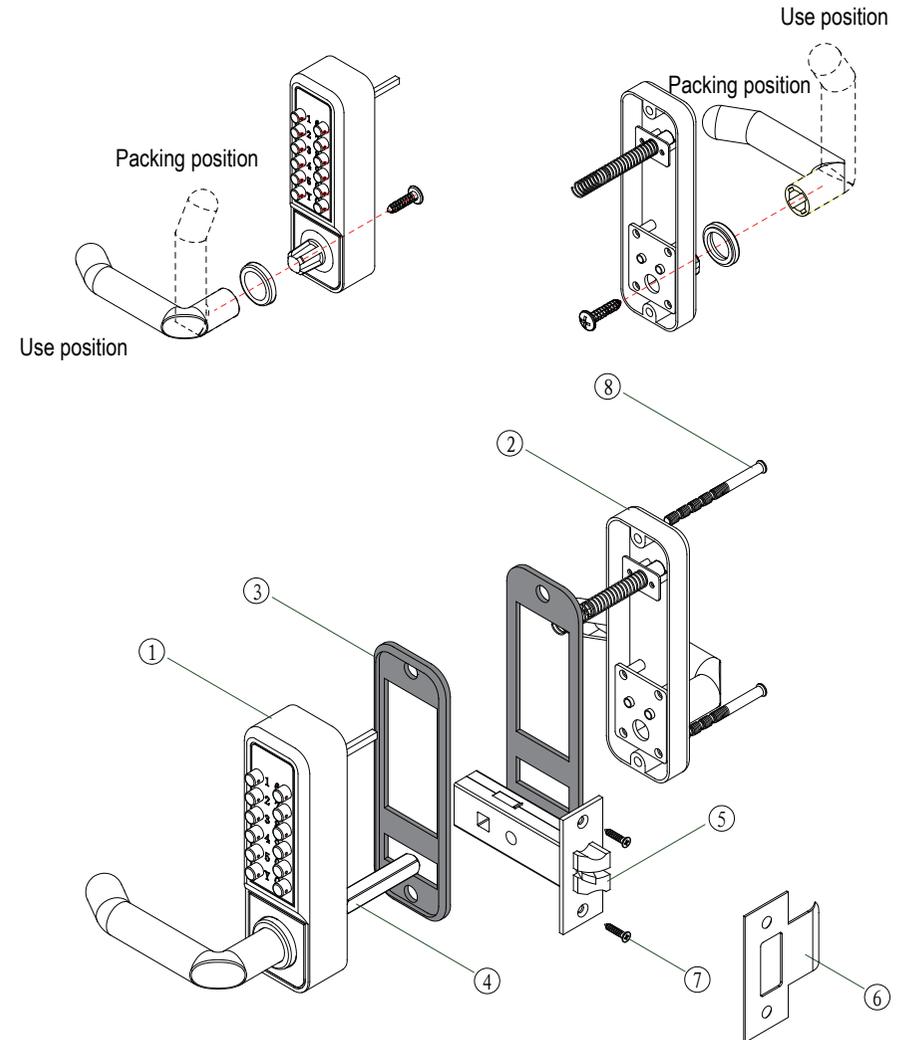
Remark:

①

Plastic ring
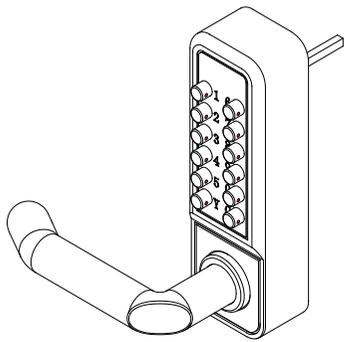
②
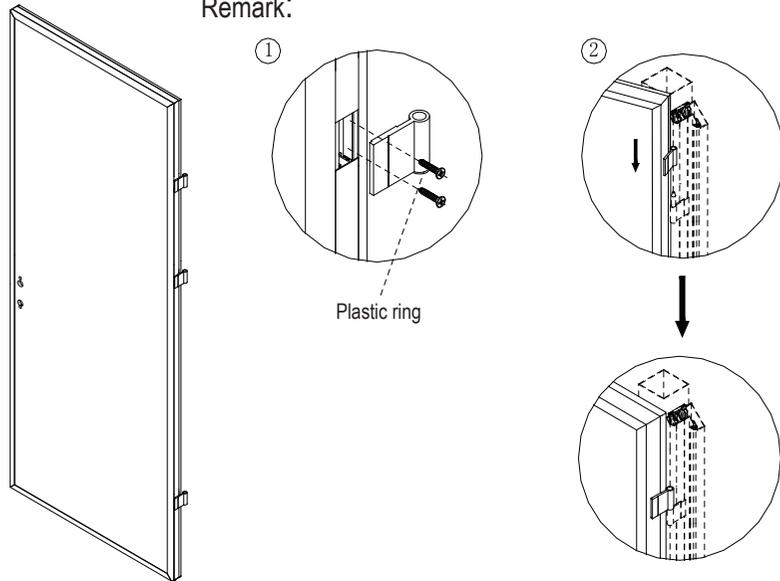
Join the two hinges together to fix the door leaf.

Image :
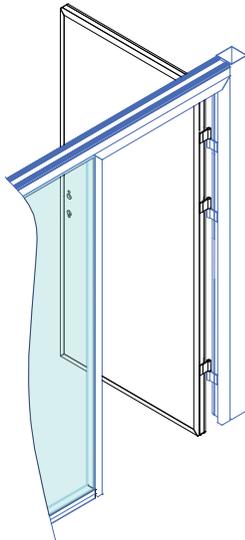
Ⅲ: Coded lock installation

Coded lock break-down :
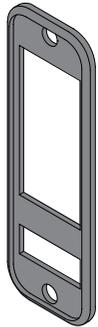
Use position

Packing position

Packing position

Use position

Components list:

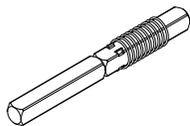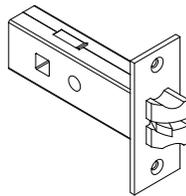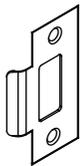
1: External lock
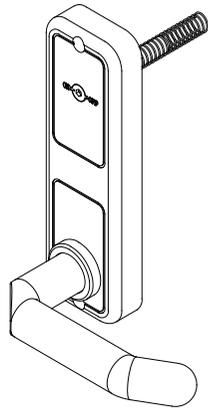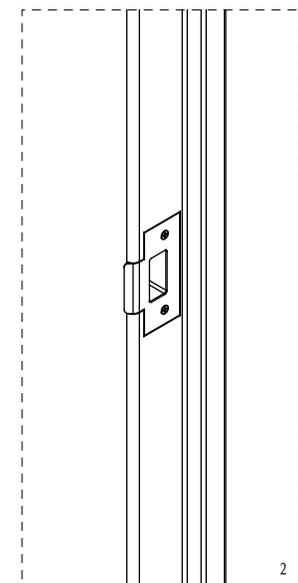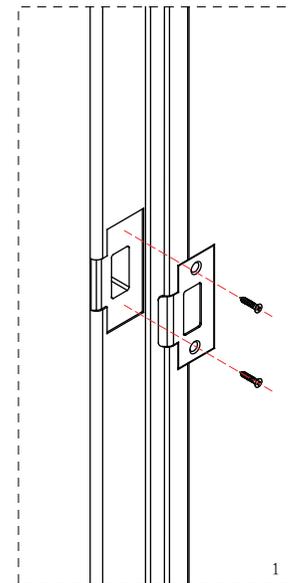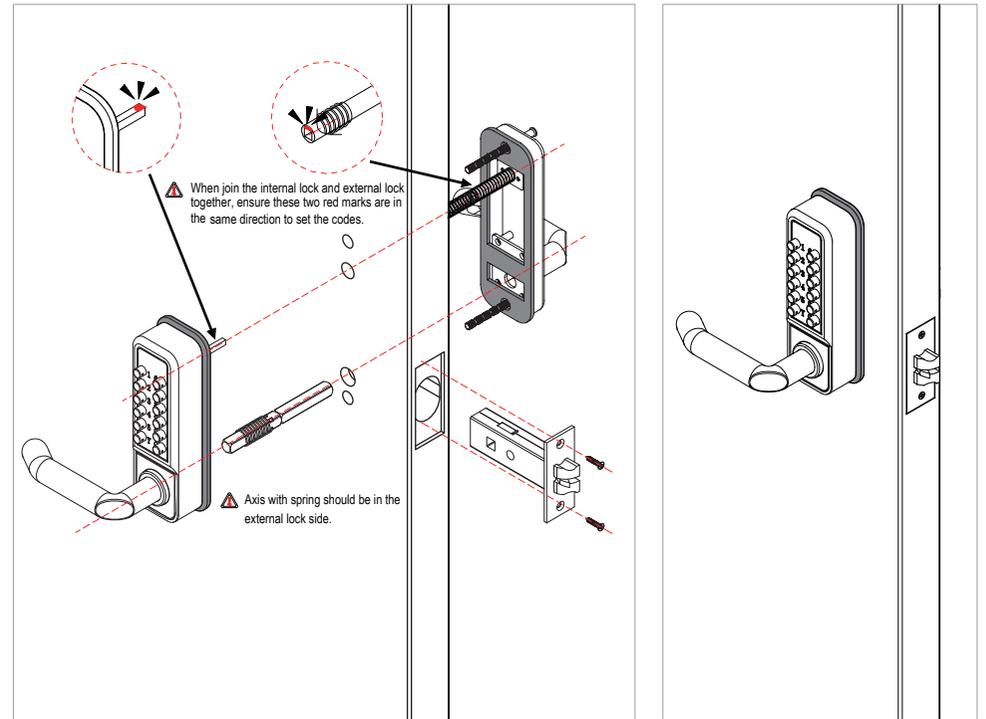

2: Internal lock

×2

3: Plastic mat

4: Axis

5: Strike plate

6: Stopper

×4

7: Self-tapping screw

×2

8: Long screw
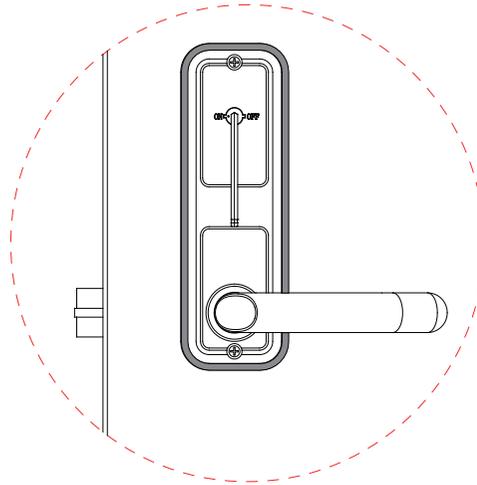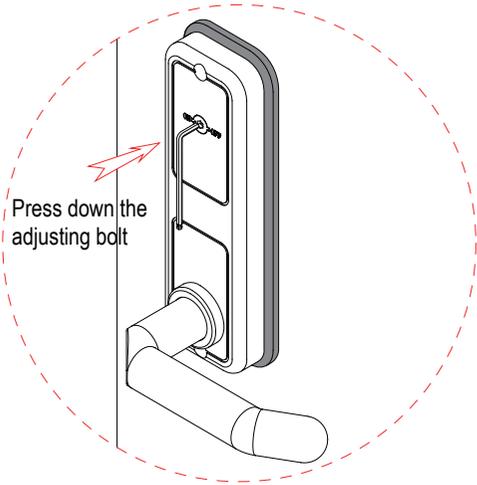

CRV-3mm

9: Allen key

⚠ When join the internal lock and external lock together, ensure these two red marks are in the same direction to set the codes.
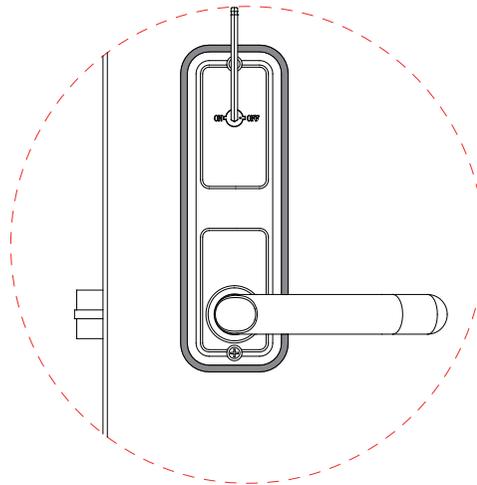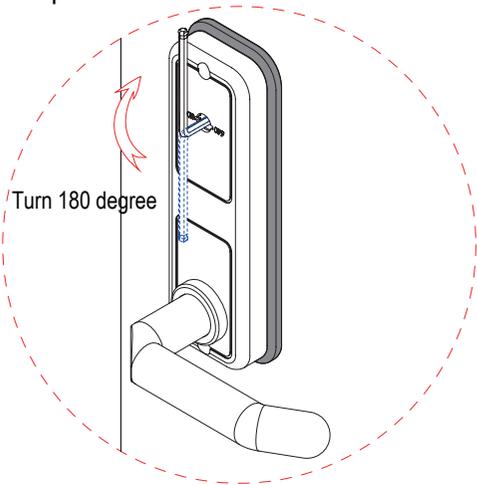
⚠ Axis with spring should be in the external lock side.

1

2

13

How to set the codes for the coded lock?

Step 1:

Press down the
adjusting bolt

Step 2:

Turn 180 degree

Turn the red point from "on" to "off"

Select the numbers, and turn it
180°,make all the red points in
the same horizontal position.

Turn 180 degree

Step 4:

Turn 180 degree

Turn the red point from "off" to "on"

14
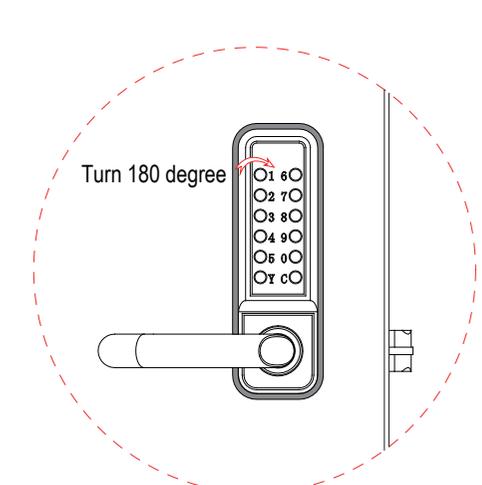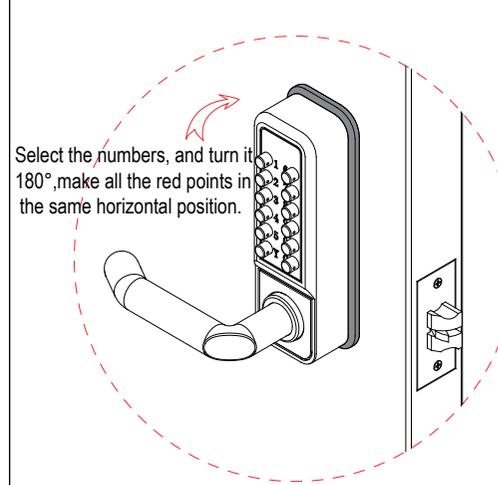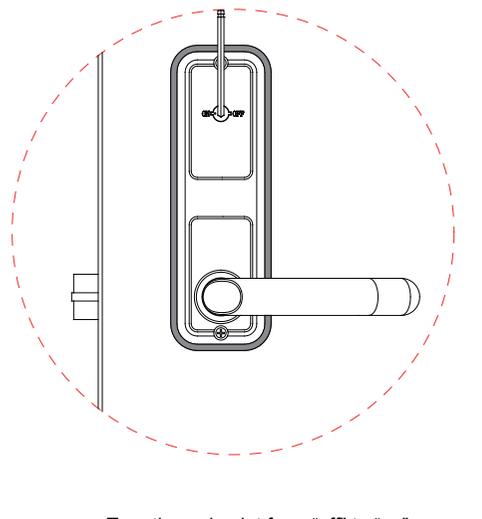
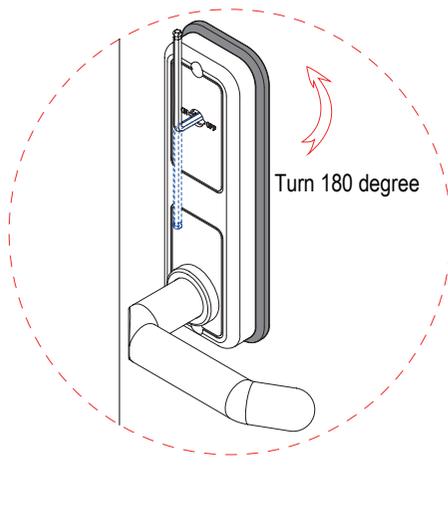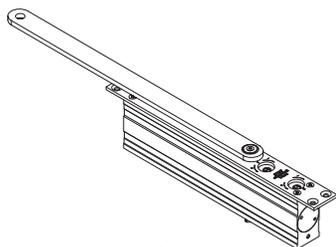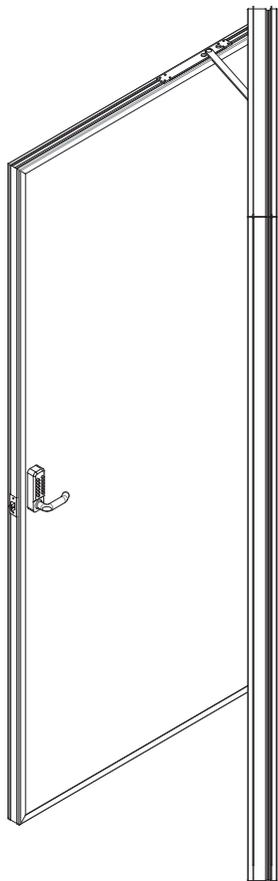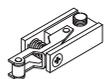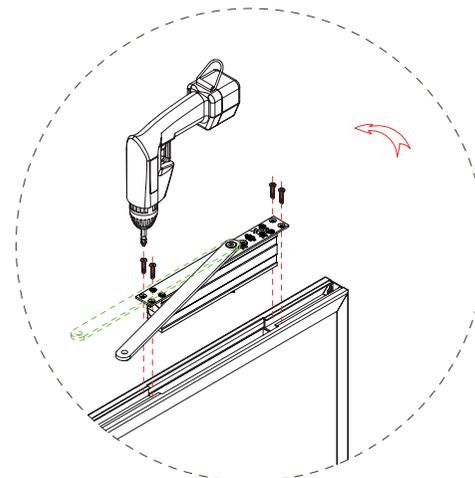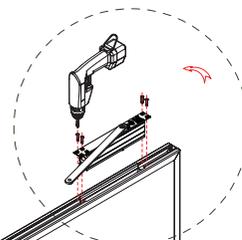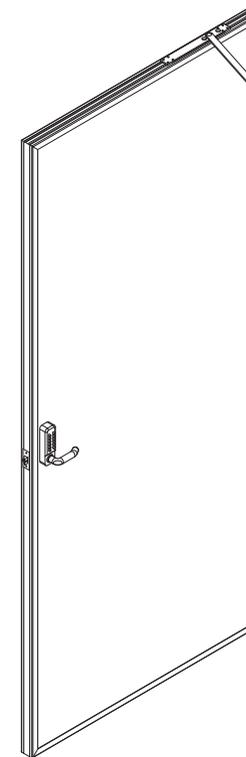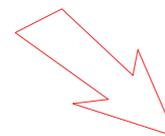# Ⅳ:Door closer installation

Components list:

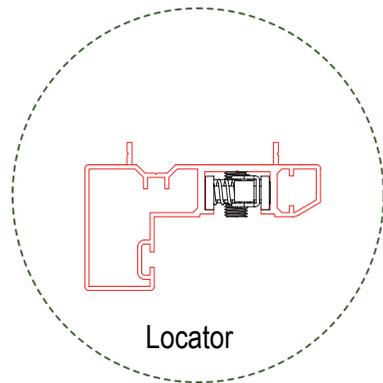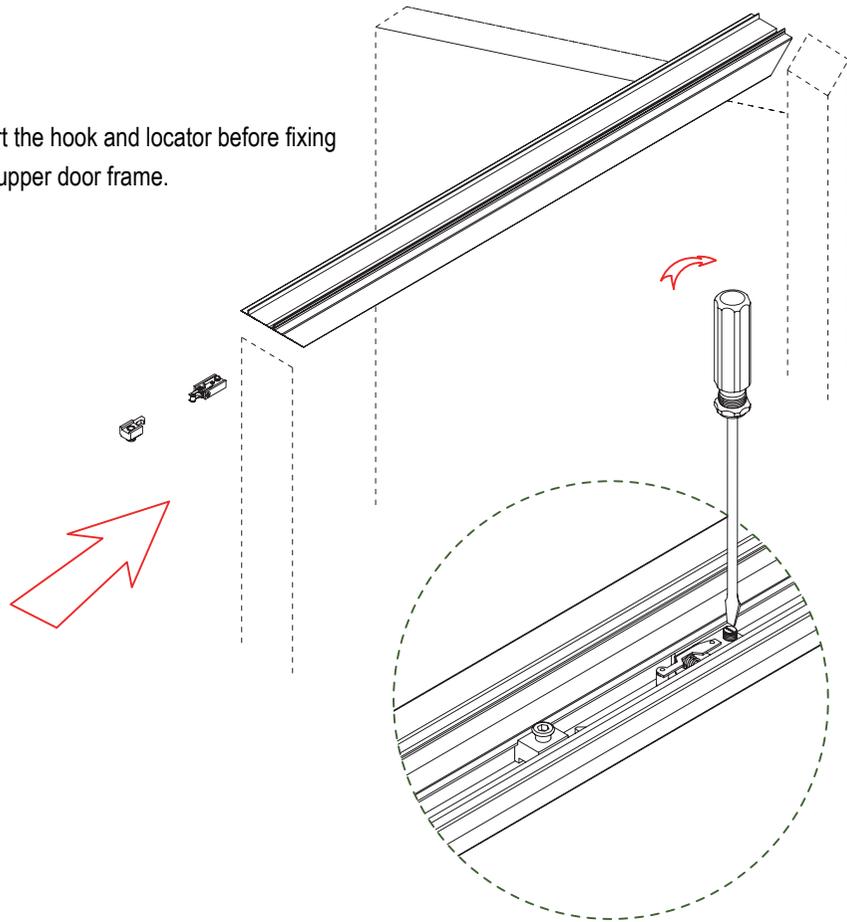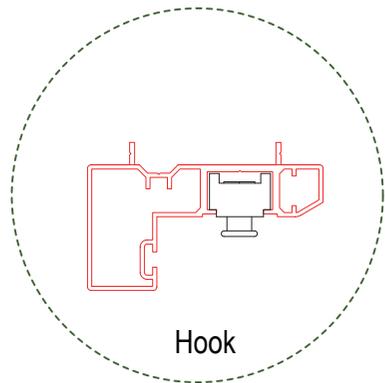Door closer
X 1

Hook
X 1

Locator
X 1

screw
X 4

Fix the door closer with the door leaf

Insert the hook and locator before fixing
the upper door frame.

Locator

Hook

Uplift the door leaf, and join the hinges together
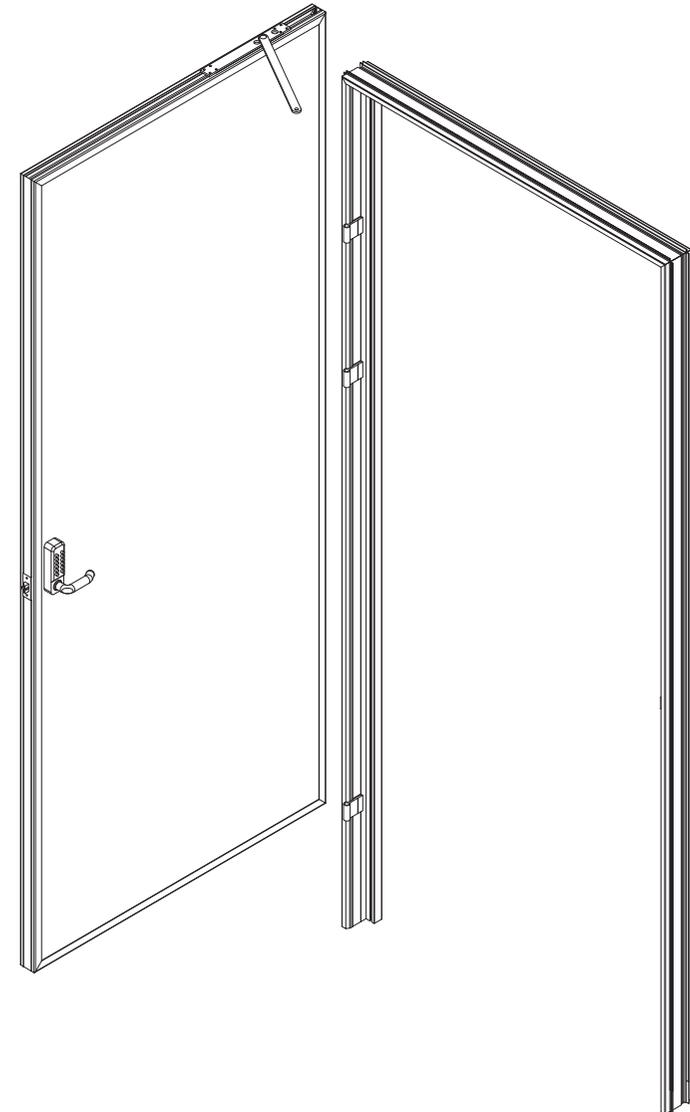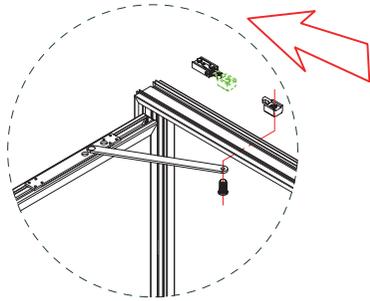
Loose the screw, fix the bracket with the hook.

Closed position

Opened position
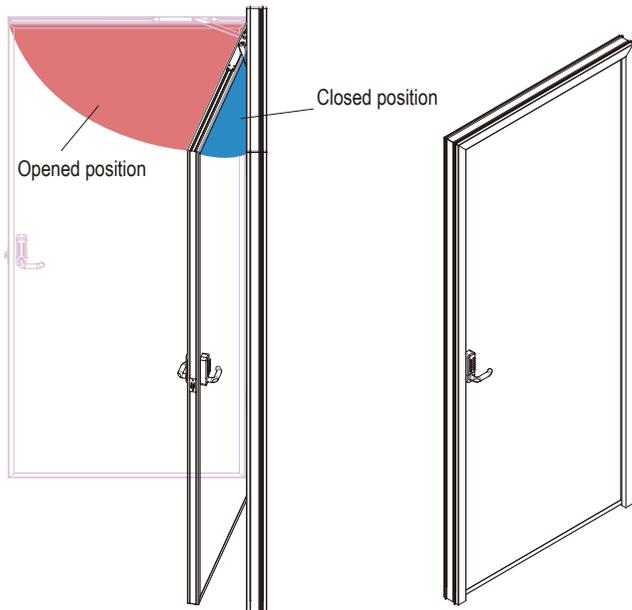
How to adjust the door closer?

To control step 1

Counterclockwise
means tight

Clockwise
means loose

速度调节阀
SPEED
ADJUSTING
VALVE

Counterclockwise
means tight

Clockwise
means loose

To control step 2
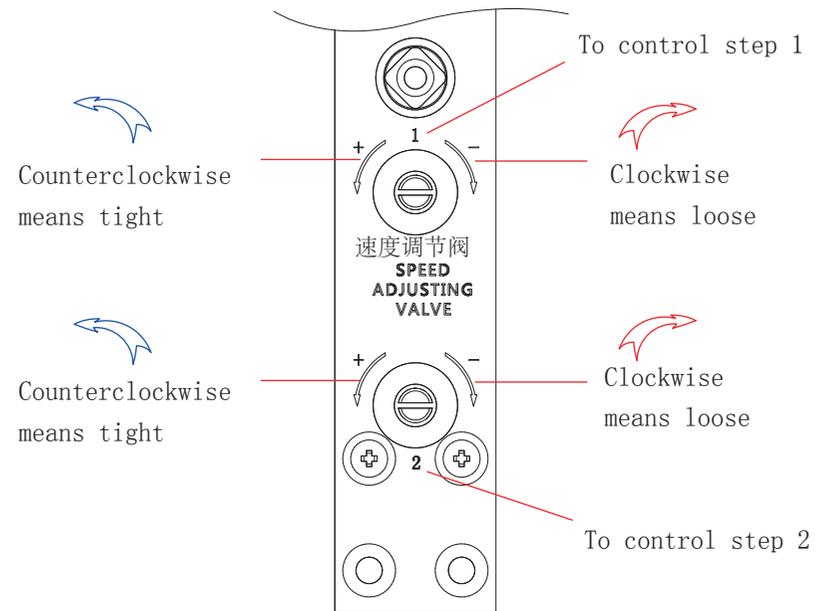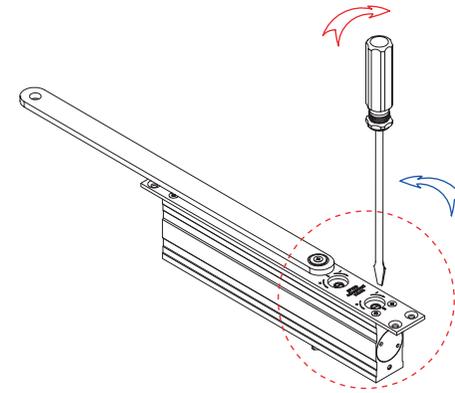
Please do careful when adjuste the screw,
the Hydraulic oil may leakage if you
adjuste too much !

Ⅱ :Hinge

Ⅰ :Door

Glass Door
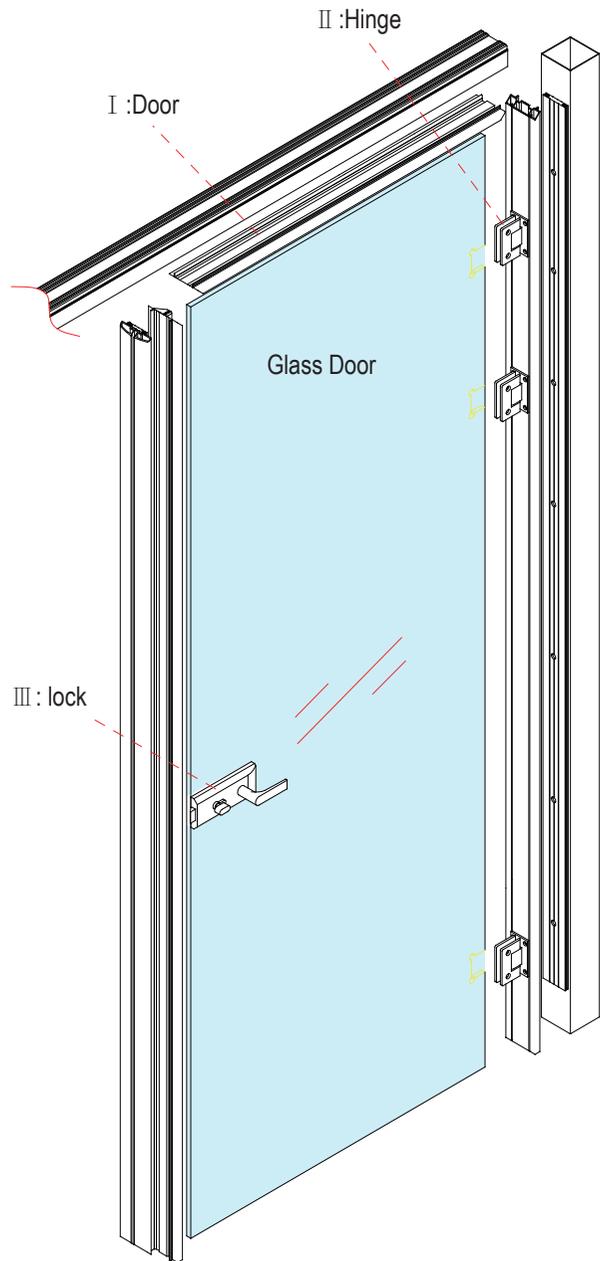
Ⅲ : lock
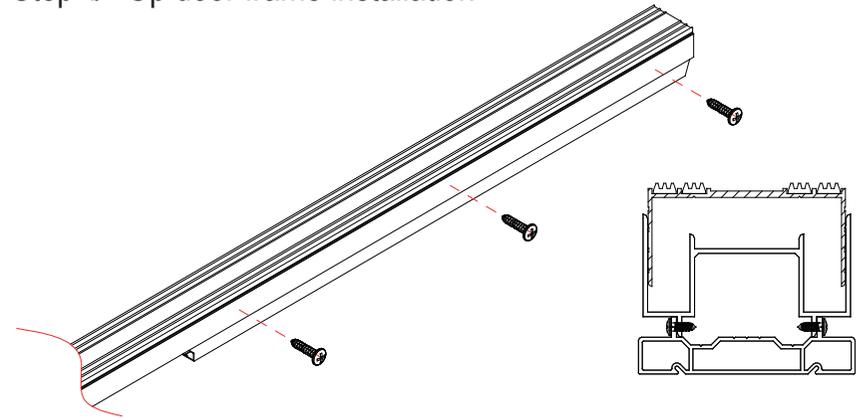
Ⅰ: Door frame installation

Step 1: Up door frame installation

Step 2: Lock side door frame installation

Section

18

Step 3:Hinge side door frame installation
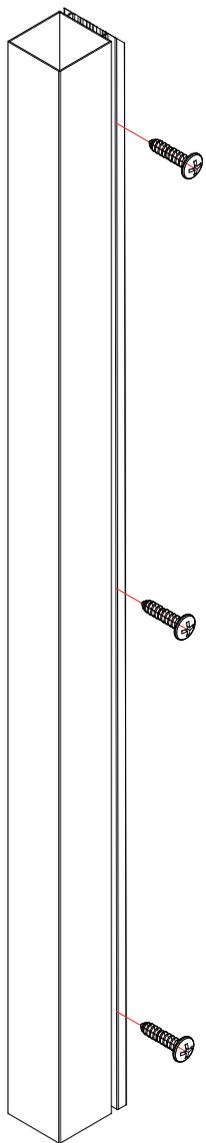
45°joining:

Section

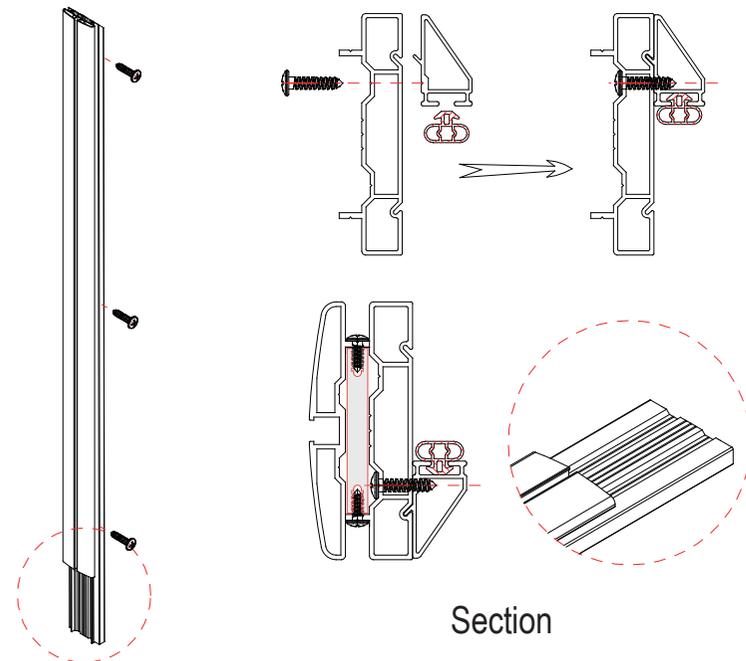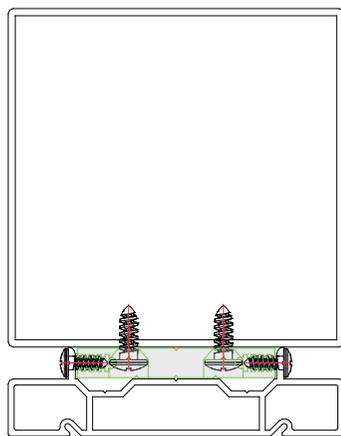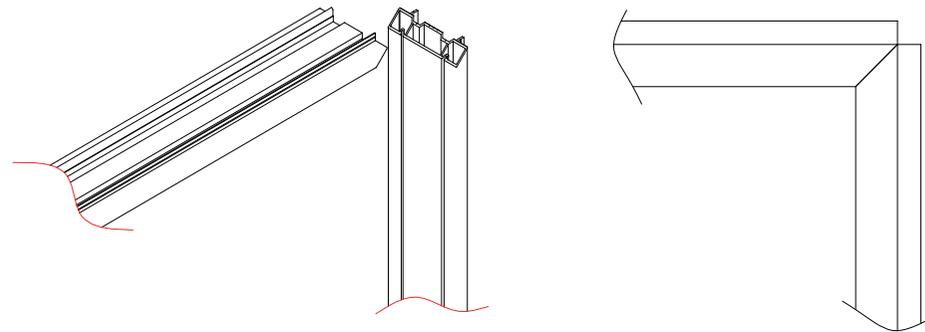## Ⅱ： Hinge installation
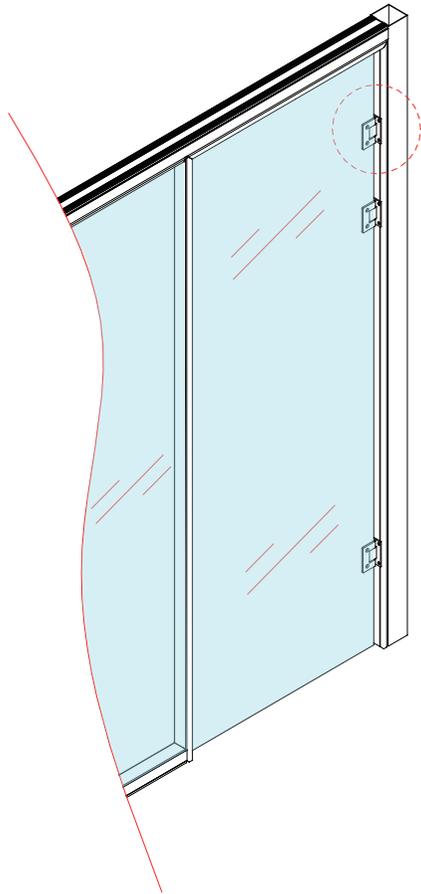
plastic mat(inside and outside)
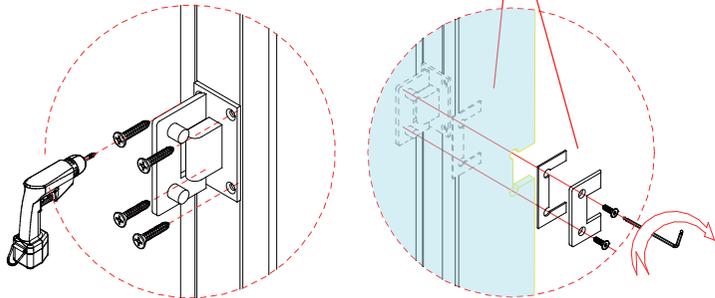
Ⅲ： Lock installation

Step 1: Lock body installation

Lock for left and right

plastic mat(inside and outside)

M5*8 positioner srcew
X 2

M5*6 positioner screw
X 1

M5*8 positioner screw
X 1

Step 2: Lock mat installation

M4x16 counter sunk
self-tapping screw
X 2

M4x5 counter sunk screw
X 1

corner pole

connector

B

door frame(panel side)

roller

positioner

glass panel 1

glass panel 2

sealing
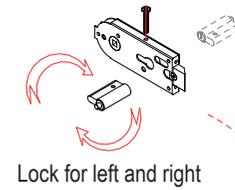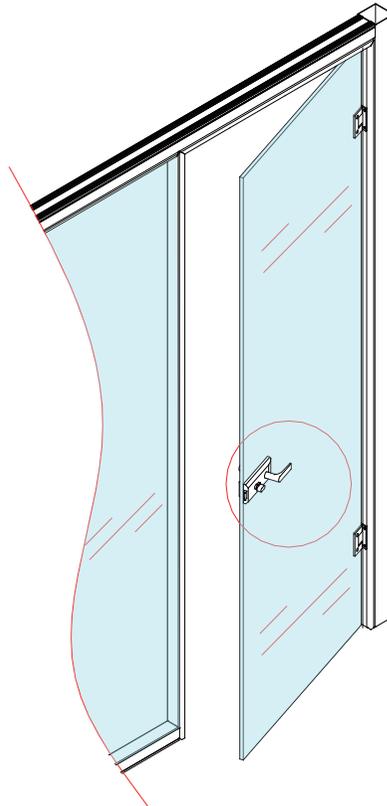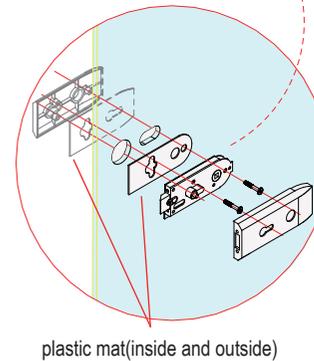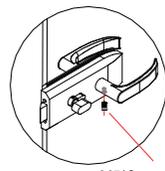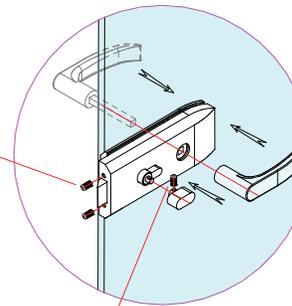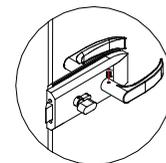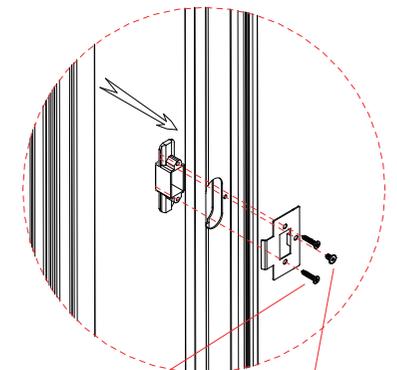
C

glass 3

door frame(lock side)

A

D

E
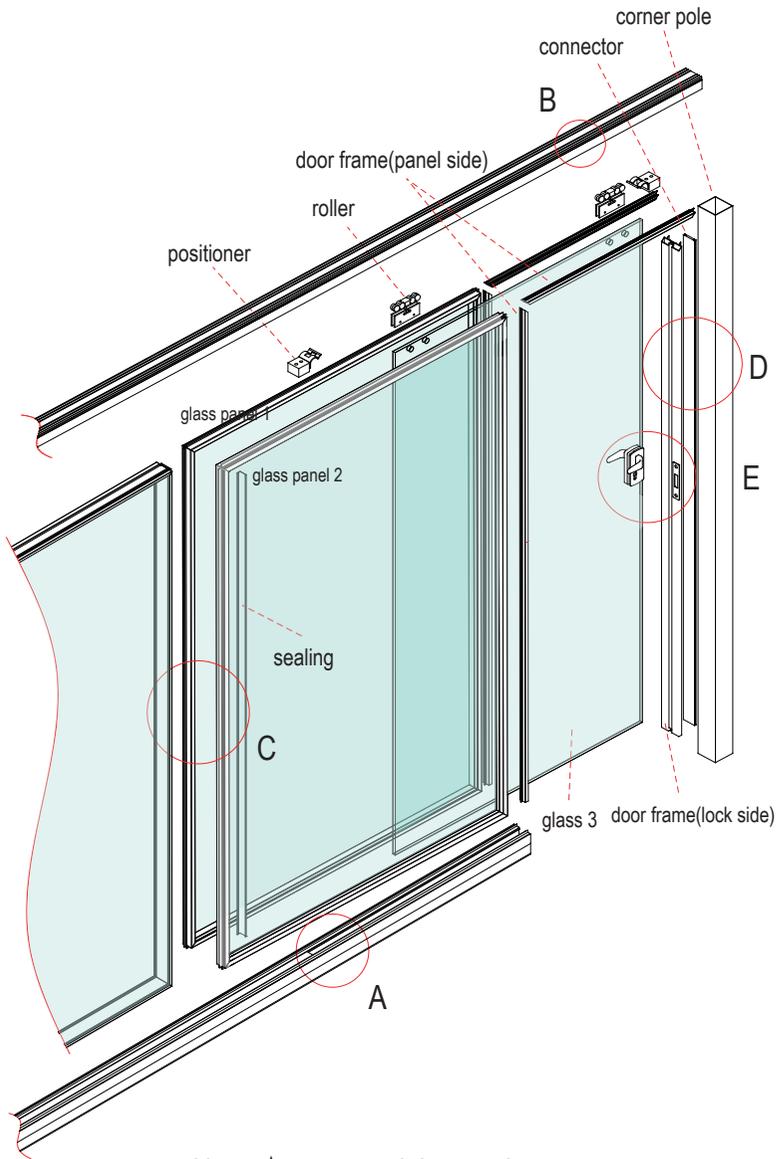
Note:★pay special attention

A bottom channel assembling

Step 1

bottom sliding channel

bottom groove

Step 2

adjusting pole

brush

with M6*45 round head screw for level adjusting

slider

section

★：fixing by M4*12 screw after level adjusting

M4*30 counter-sunk screw with plastic insert

Step 3

gap

section

cable channel cover

B top channel assembling:

top sliding channel

adjusted pole-B

top groove

M4*30 counter-sunk screw

M4*30 counter-sunk screw with plastic insert

★：screw to the ending

section

C Door frame assembling：

no brush here

45° cutting

section

with brush here

M4*12 self-tapping screw

A1

B1

B1

B1---B1

A1

A1---A1

Step 1

C1

C1

C1

C1---C1

★： use 50mm wide connector

Step 2

D1

D1

D1---D1

M5*25 self-tapping screw
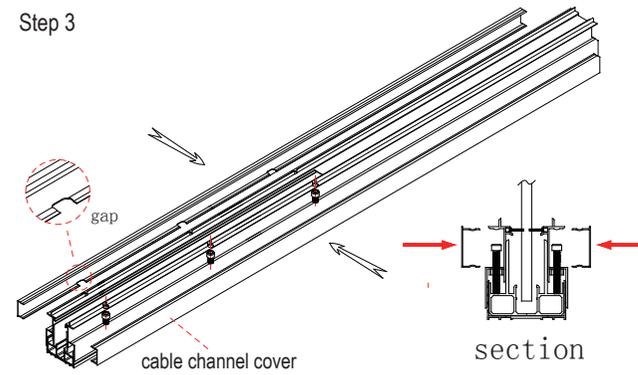X 2

★： adjust the glass level from here

plastic mat (one inside,one outside)

M6*12 socket head screw
X 2

Step 3

E1

E1

E1---E1

Step 4

brush

F1---F1

G1

G1

F1

F1

G1---G1

Step 5

D: right door frame assembling:

45° cutting

M4*12 self-tapping screw

M4*30 self-tapping screw
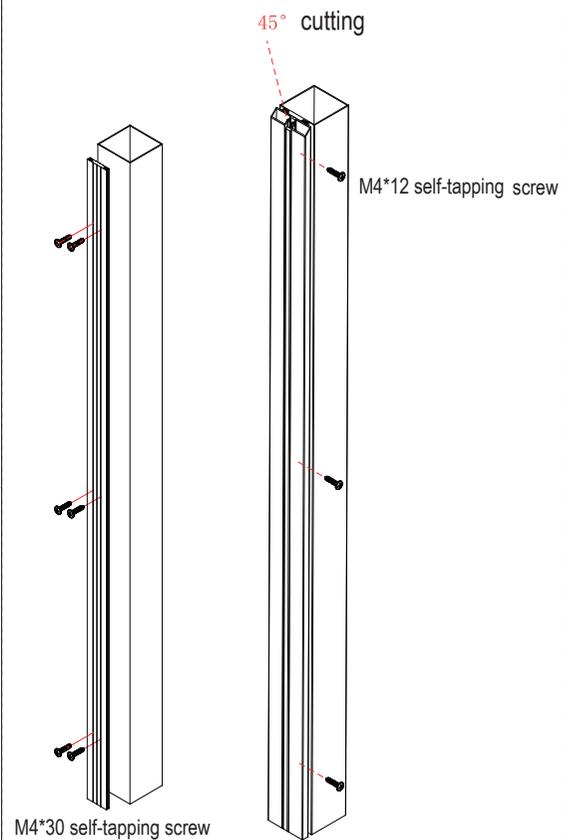
★: connection pole is longer than requirement cut it into right size accordingly

Cushion plastic

section

E: Lock assembling
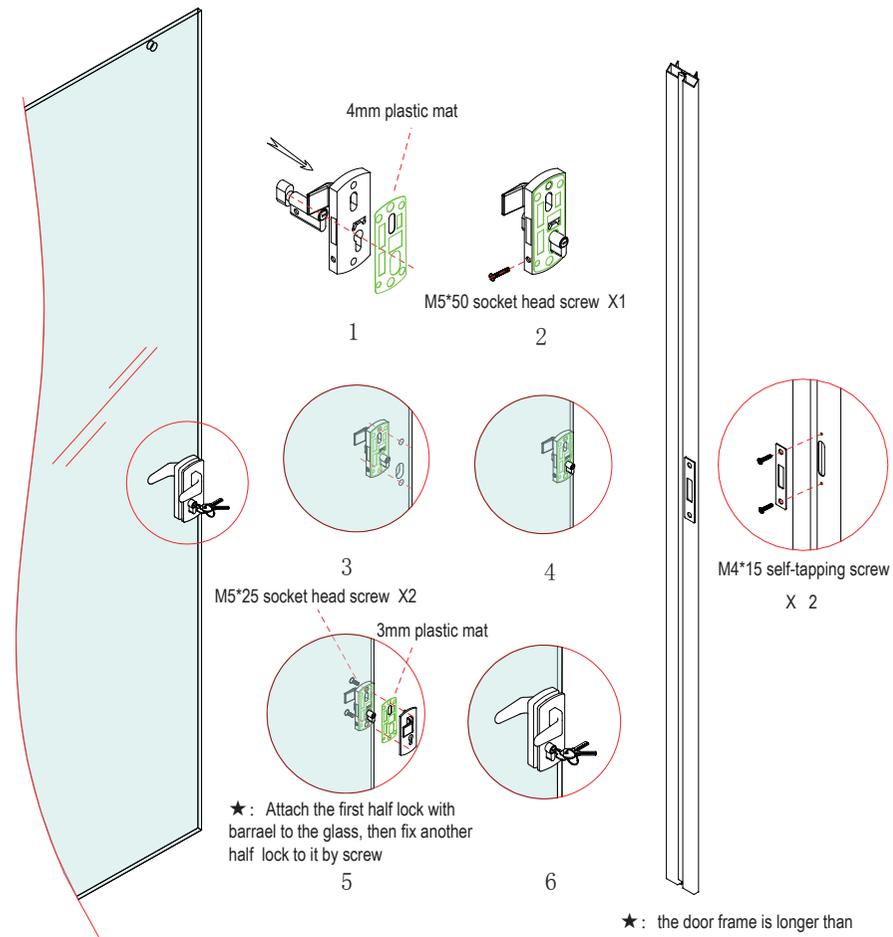
4mm plastic mat

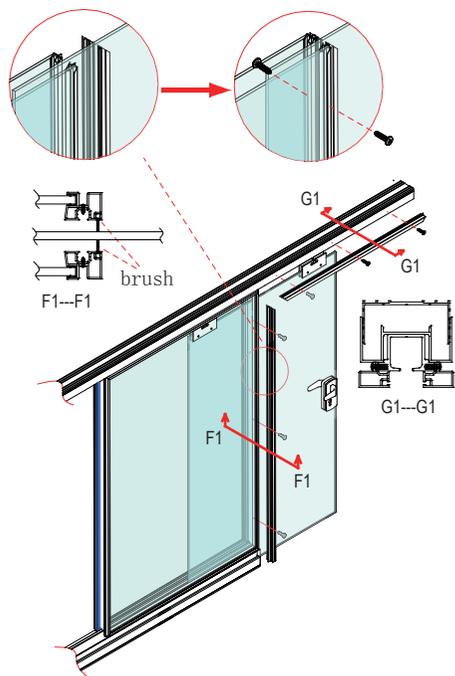M5*50 socket head screw X1

1

2

M5*25 socket head screw X2

3

4

3mm plastic mat

★: Attach the first half lock with barrael to the glass, then fix another half lock to it by screw

5

6

Locking tab assembling:

M4*15 self-tapping screw

X 2

★: the door frame is longer than required.Cut it into right size from bottom.