

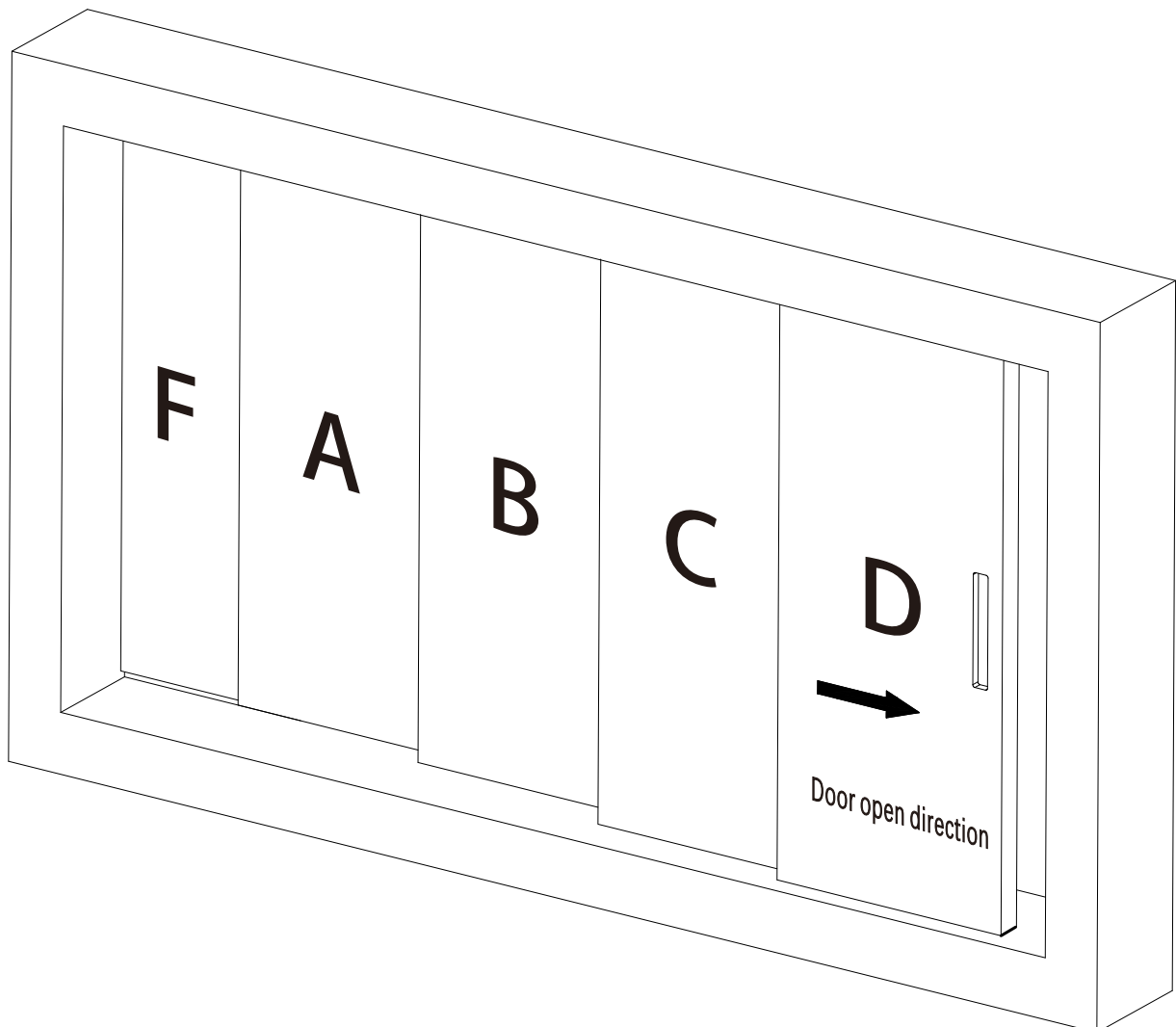
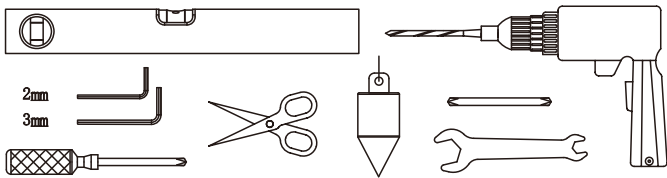
Telescopic Sliding Frameless Glass 4 Door System Installation Instructions

Installation Instructions:

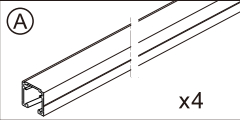
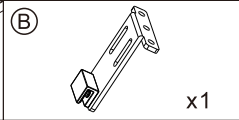
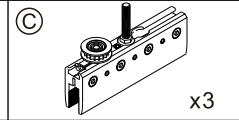
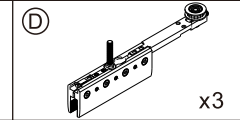
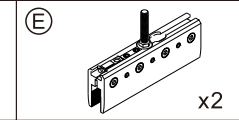
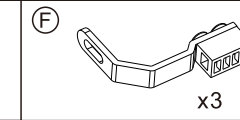
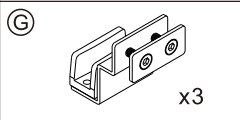
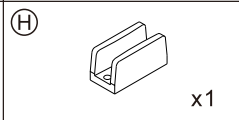
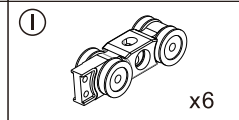
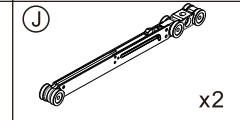
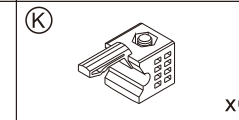
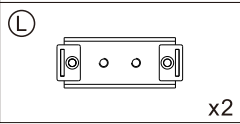
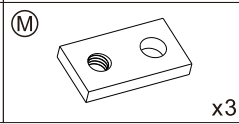
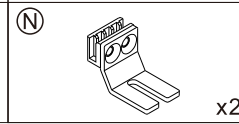
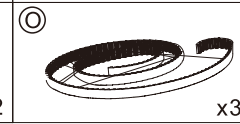

Notice:

1. This system can not be installed in all hidden slot, must have enough space to install.
2. The rail must be installed on steel girders or reinforced concrete in enough strong.
3. Please clean the inside of rail without any foreign matter, then put roller hardware inside.
4. We suggest customer ask serviceman to inspect the sliding door if it is used frequently.

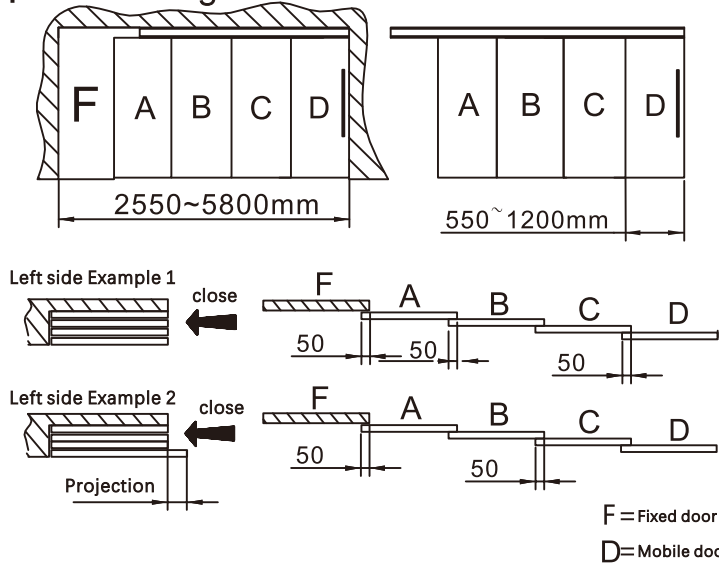
Installation Tools:



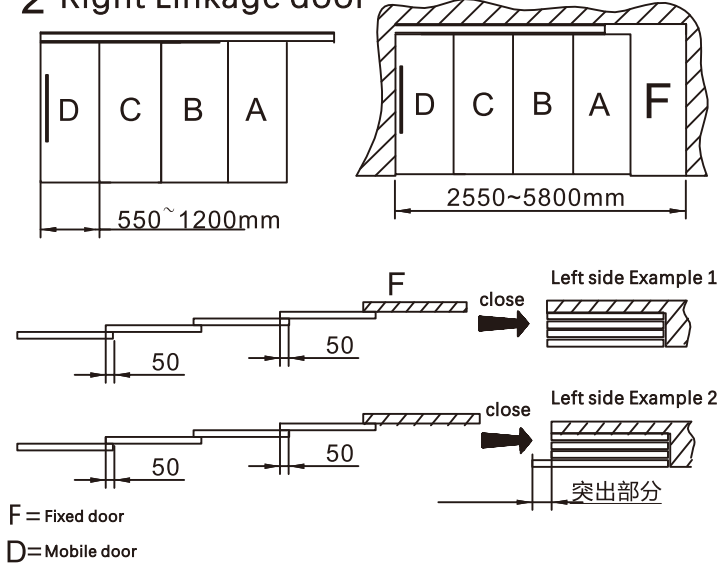
Accessories list

 A x4	 B x1	 C x3	 D x3	 E x2	 F x3
 G x3	 H x1	 I x6	 J x2	 K x6	
 L x2	 M x3	 N x2	 O x3	 P x3	

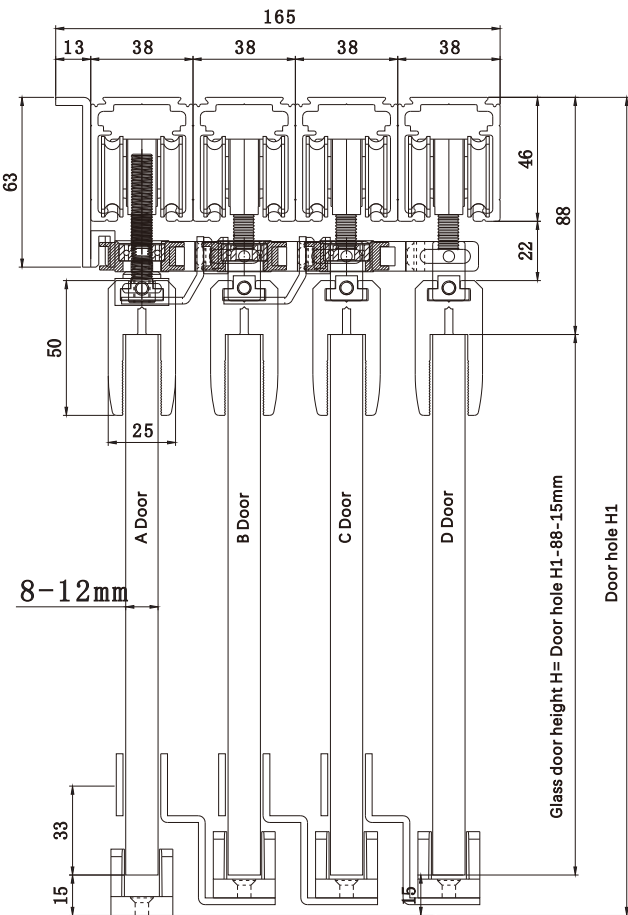
1 Left Linkage door



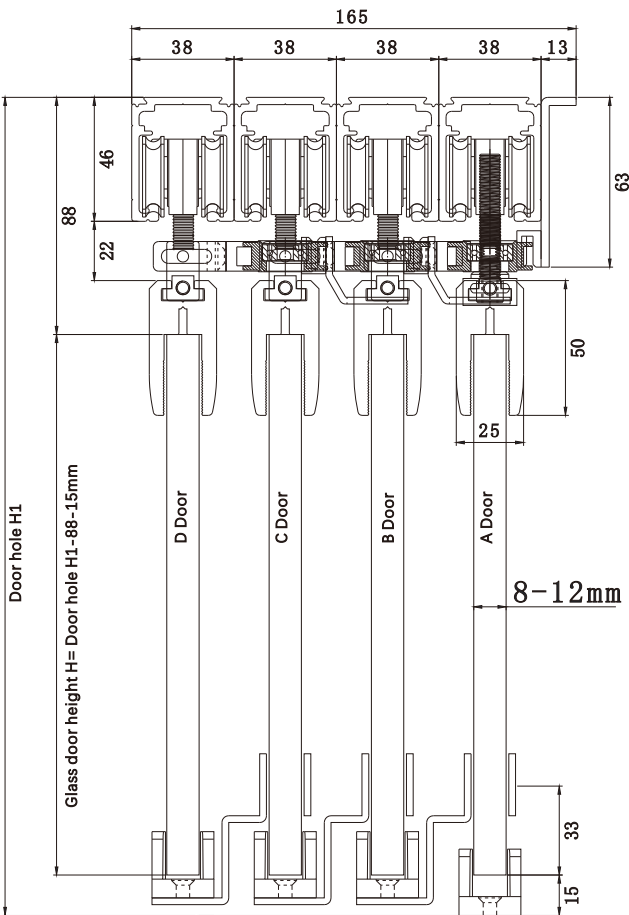
2 Right Linkage door



3 Left Linkage door diagram

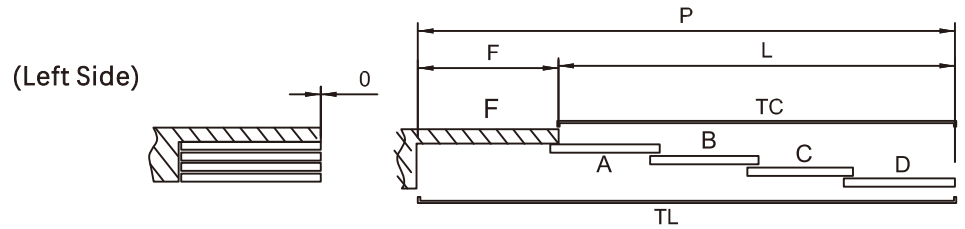


4 Right Linkage door diagram



5 Calculation formula of door's width

The calculation of Left side example 1 and Right side 1 is the same.



$$L = \frac{(P \times 4) - 200}{5}$$

$$C = (L/4) + 50$$

$$B = (L/4) + 50$$

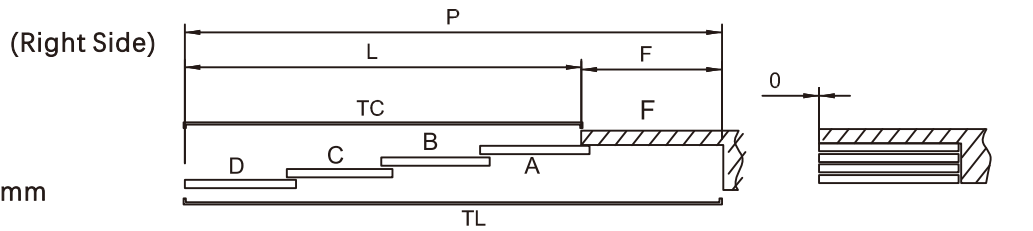
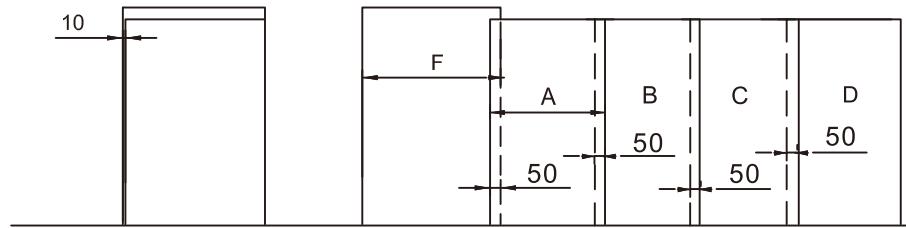
$$A = (L/4) + 50$$

$$F = (L/4) + 60$$

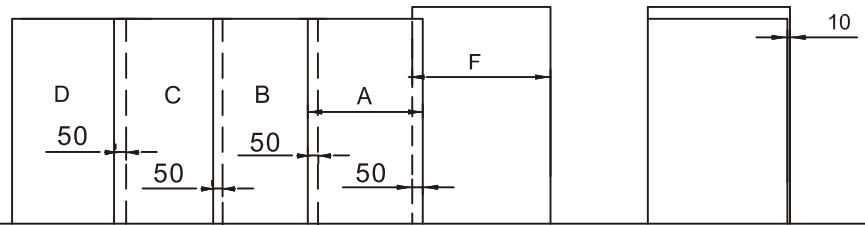
$$P = L + F$$

$$TC = L$$

$$TL = P$$

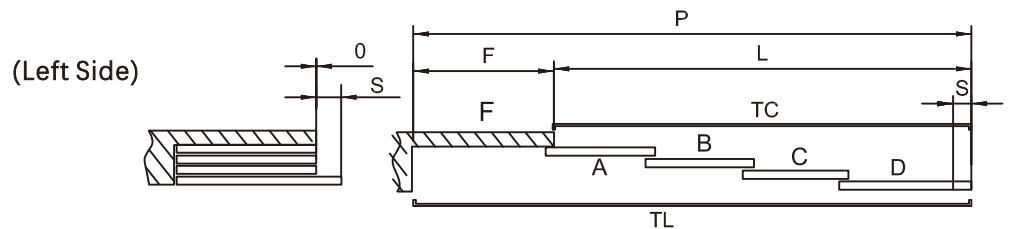


Door height = door hole - 103mm



6 Calculation formula of door's width

The calculation of Left side example 2 and Right side 2 is the same.



$$L = \frac{(P \times 4) + S - 200}{5}$$

$$Z = L - S$$

$$C = (Z/4) + S + 50$$

$$B = (Z/4) + 50$$

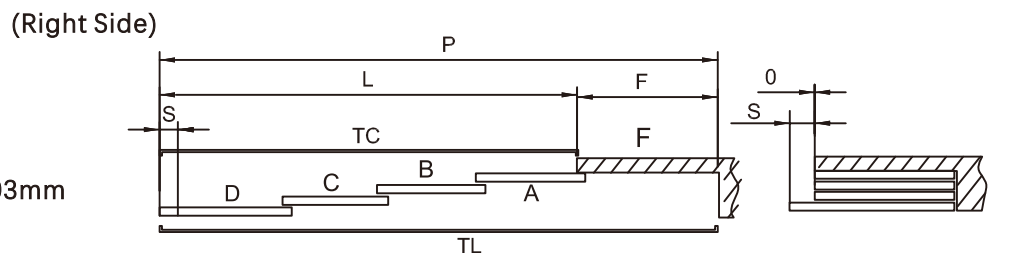
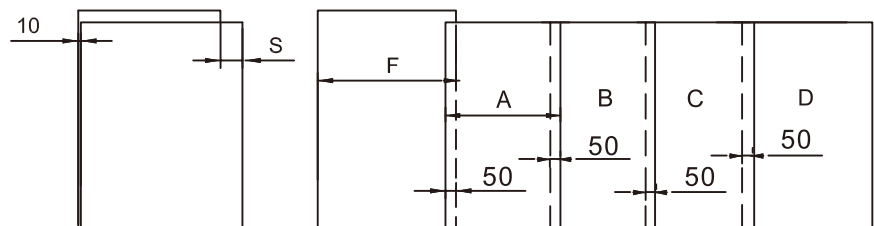
$$A = (Z/4) + 50$$

$$F = (Z/4) + 60$$

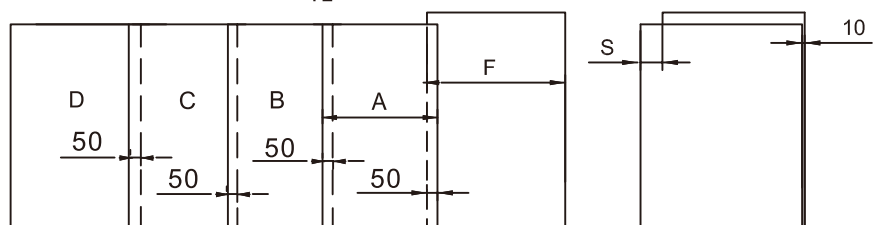
$$P = L + F$$

$$TC = L$$

$$TL = P$$



Door height = door hole - 103mm



5-1 Example of the door's dimensions calculation

The calculation of Left side example 1 and Right side 1 is the same

$$L = \frac{(P \times 4) - 200}{5} \quad P = 3200 \text{ mm}$$

$$L = \frac{(3200 \times 4) - 200}{5} = 2520 \quad L = 2520 \text{ mm}$$

(Left Side)

$$C = (L/4) + 50$$

$$B = (L/4) + 50$$

$$A = (L/4) + 50$$

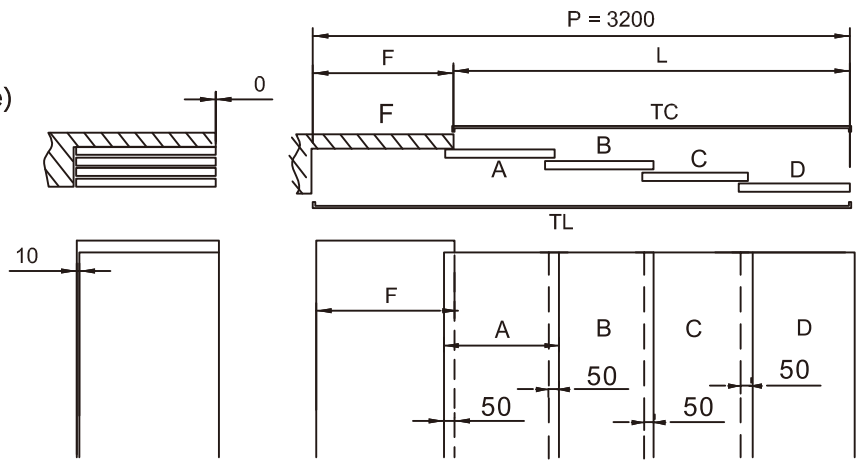
$$F = (L/4) + 60$$

$$C = (2520/4) + 50 = 680 \text{ mm} \quad \underline{C = 680 \text{ mm}}$$

$$B = (2520/4) + 50 = 680 \text{ mm} \quad \underline{B = 680 \text{ mm}}$$

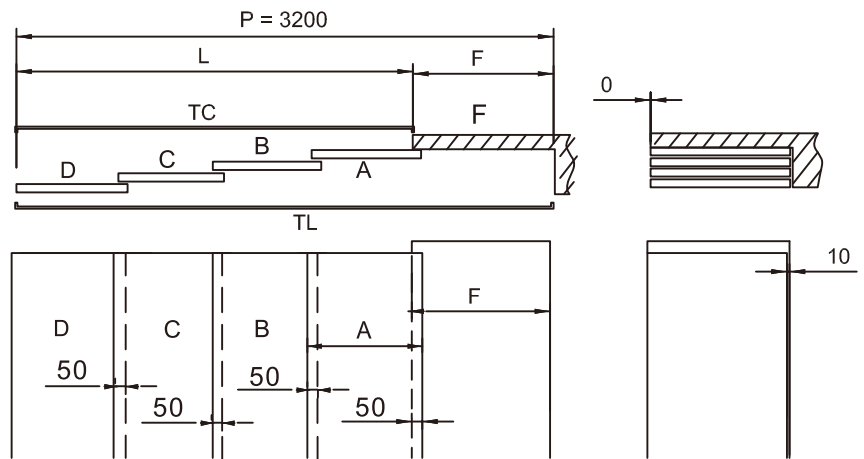
$$A = (2520/4) + 50 = 680 \text{ mm} \quad \underline{A = 680 \text{ mm}}$$

$$F = (2520/4) + 60 = 690 \text{ mm} \quad \underline{F = 690 \text{ mm}}$$



(Right Side)

Door Hole Height = 2400 mm
 Door height = door hole - 103 mm
 Door height = 2400 - 103 mm = 2297 mm



6-1 Example of the door's dimensions calculation

The calculation of Left side example 2 and Right side 2 is the same

(Left Side)

$$L = \frac{(P \times 4) + 80 - 200}{5} \quad P = 3200 \text{ mm}$$

$$L = \frac{(3200 \times 4) + 80 - 200}{5} = 2536 \quad L = 2536 \text{ mm}$$

$$Z = L - S \quad Z = 2536 - 80 \quad Z = 2456 \text{ mm}$$

$$C = (Z/4) + S + 50$$

$$B = (Z/4) + 50$$

$$A = (Z/4) + 50$$

$$F = (Z/4) + 60$$

$$C = (2456/4) + 80 + 50 = 744 \text{ mm} \quad \underline{C = 744 \text{ mm}}$$

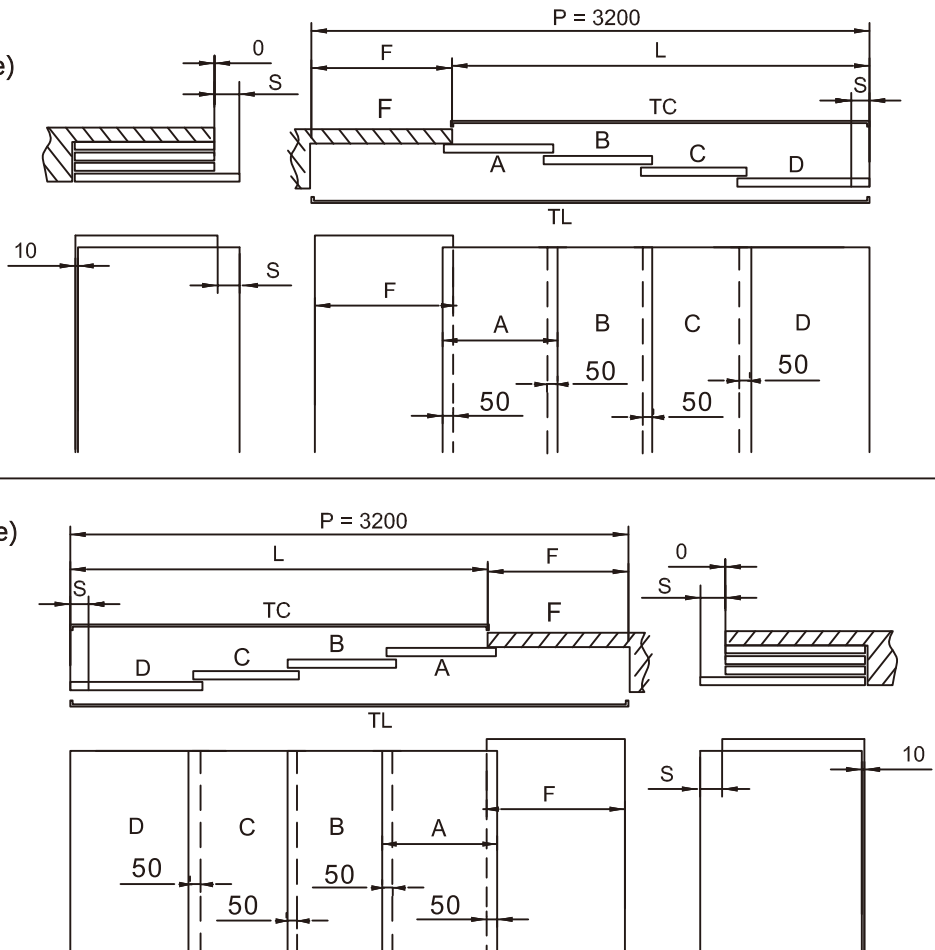
$$B = (2456/4) + 50 = 664 \text{ mm} \quad \underline{B = 664 \text{ mm}}$$

$$A = (2456/4) + 50 = 664 \text{ mm} \quad \underline{A = 664 \text{ mm}}$$

$$F = (2456/4) + 60 = 674 \text{ mm} \quad \underline{F = 674 \text{ mm}}$$

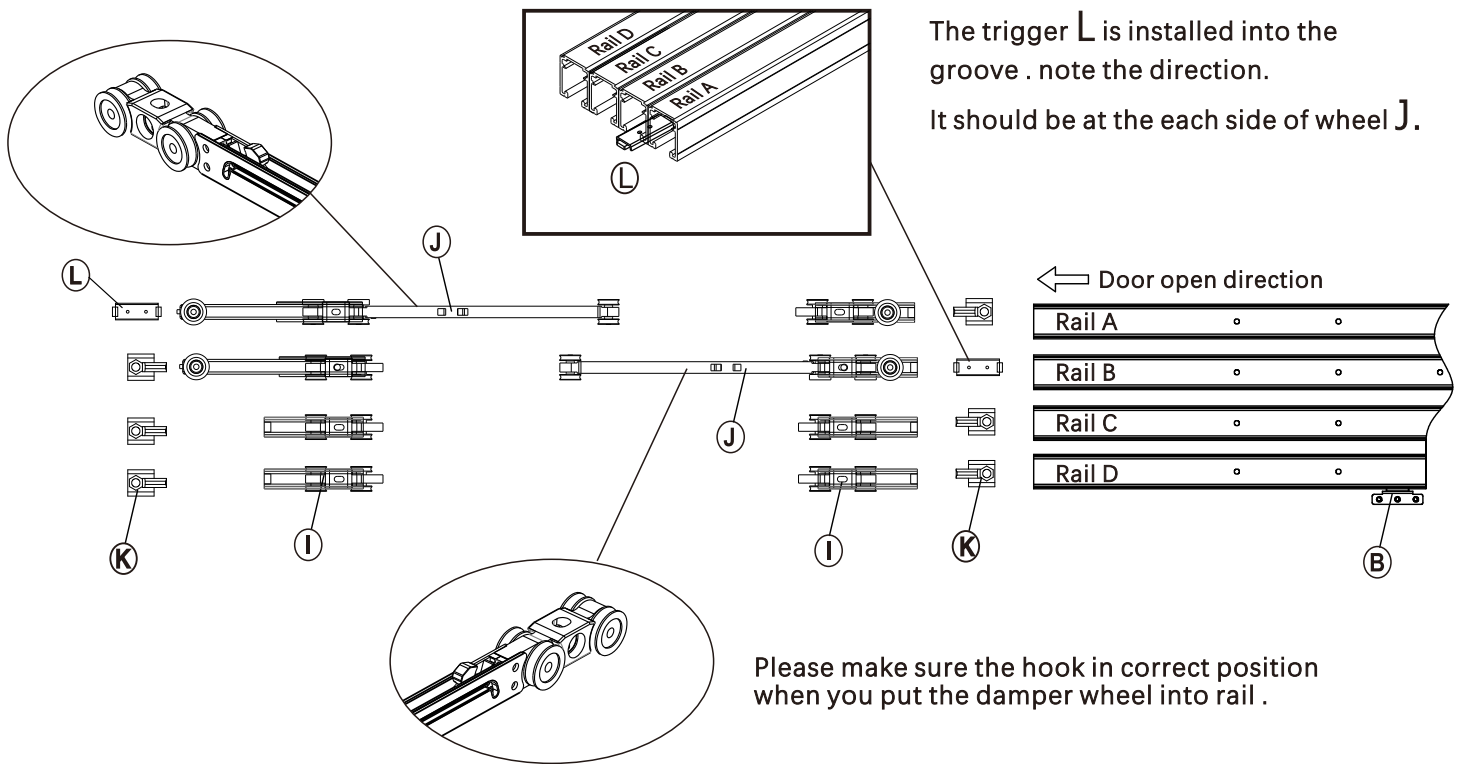
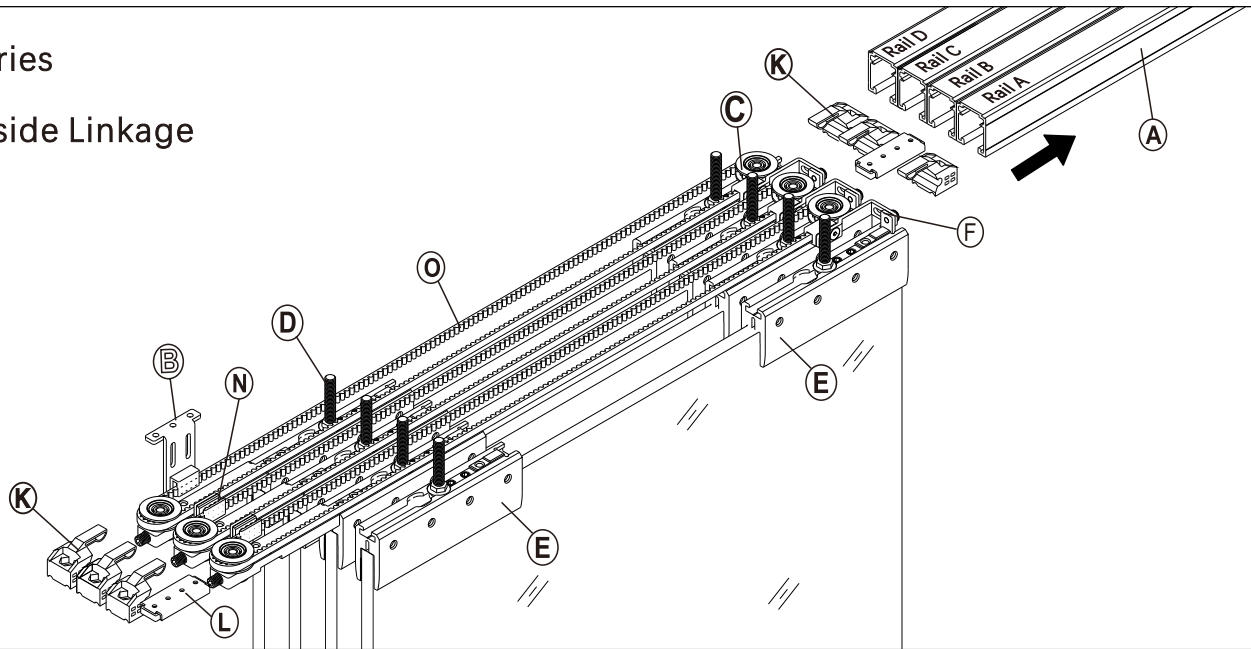
(Right Side)

Door Hole Height = 2400 mm
 Door height = door hole - 103 mm
 Door height = 2400 - 103 mm = 2297 mm

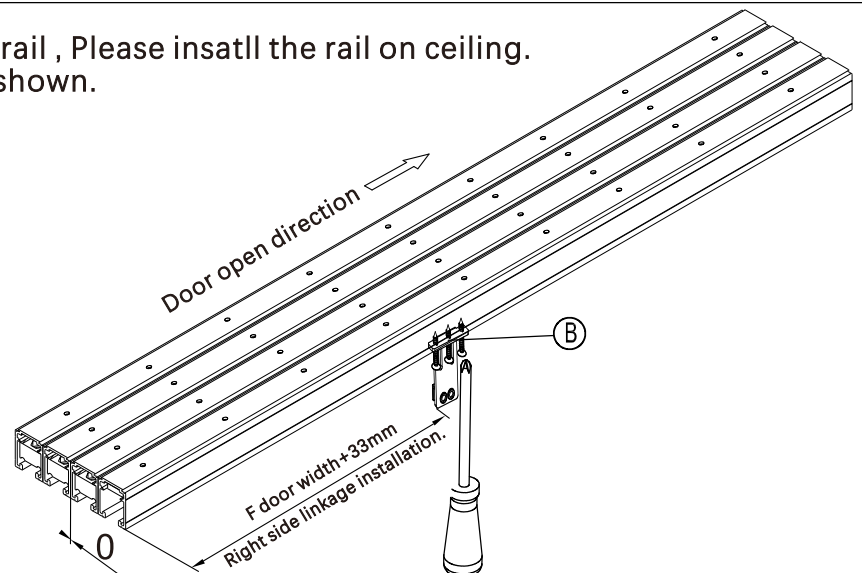


7 Accessories

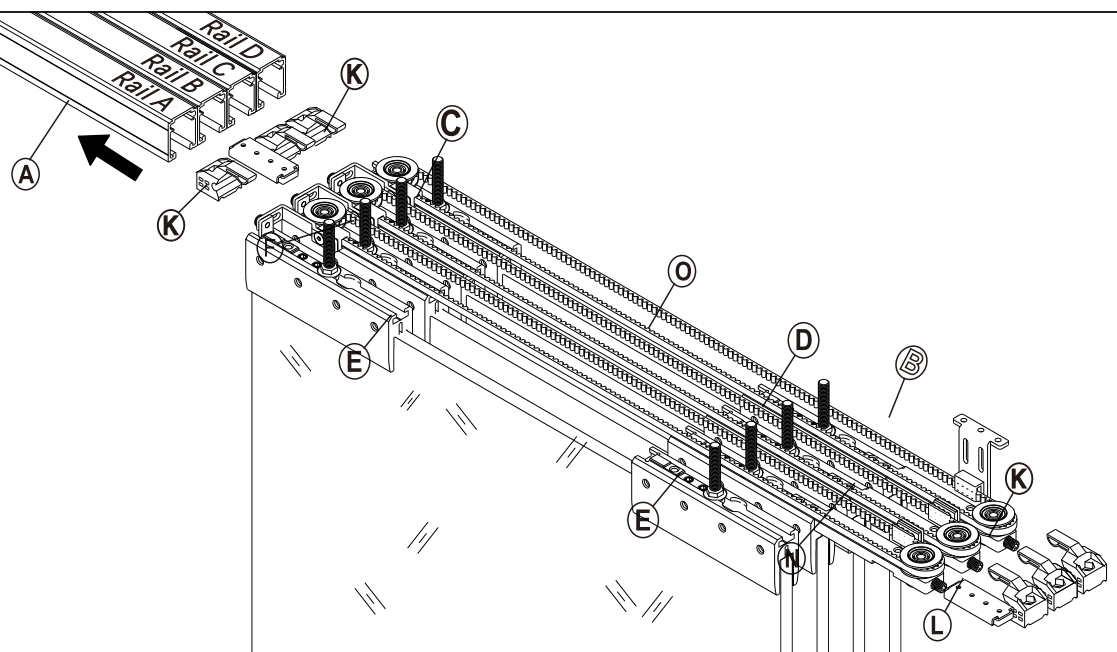
7-1 Right side Linkage



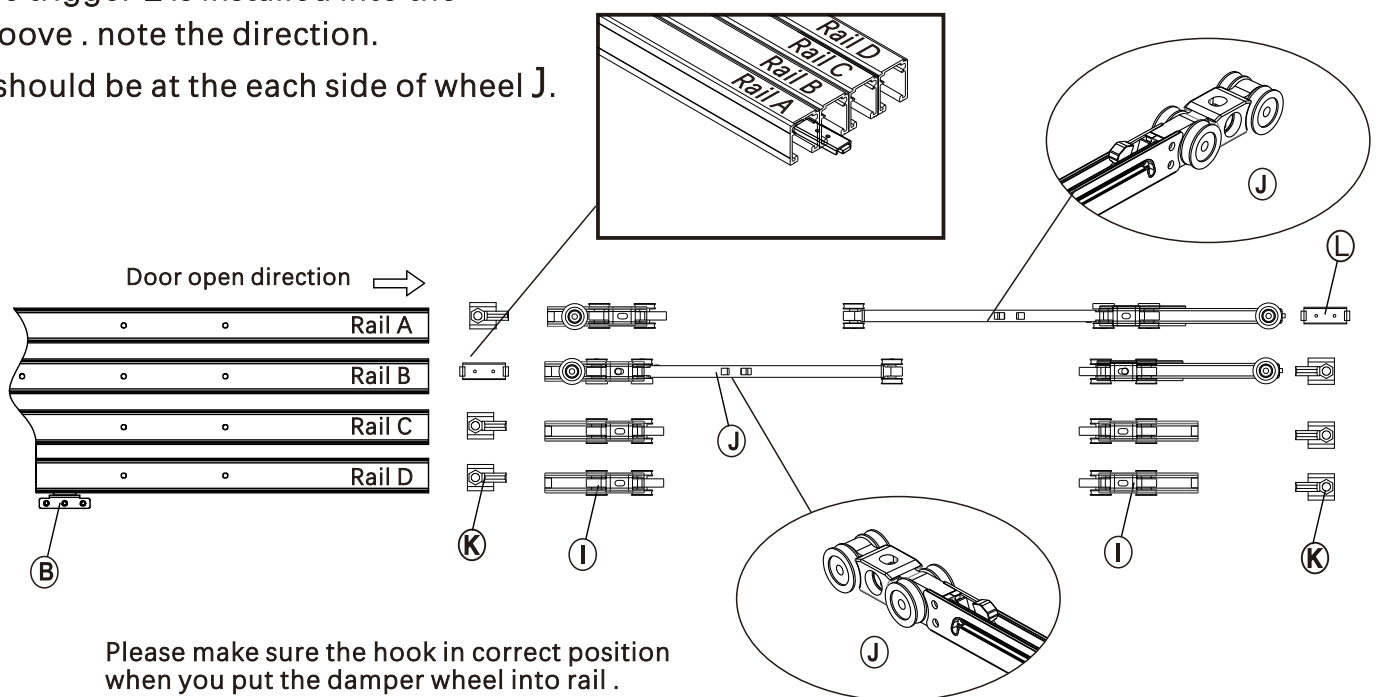
After the accessories are installed into rail , Please insatll the rail on ceiling.
Install the Fixing plate B as the Picture shown.



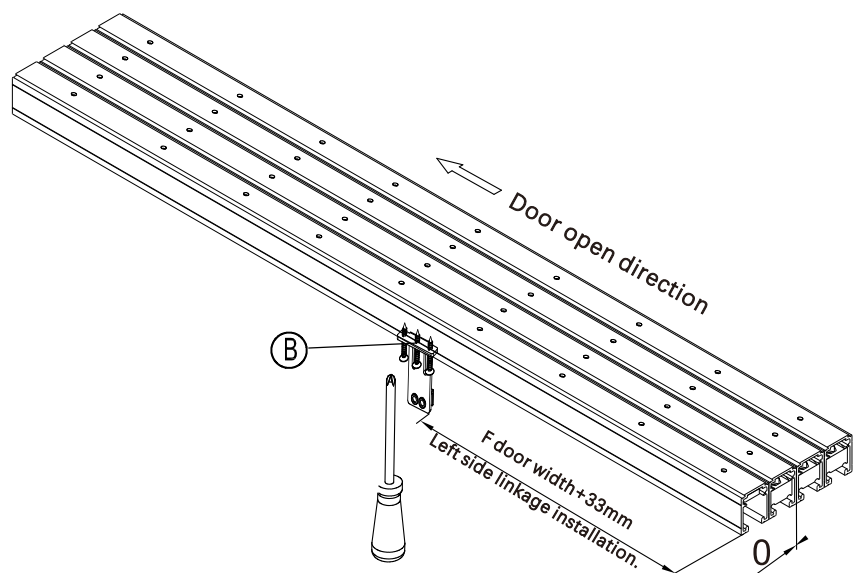
7-2 left side Linkage



The trigger L is installed into the groove . note the direction.
It should be at the each side of wheel J.

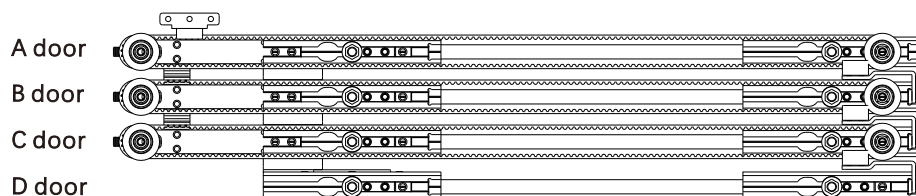
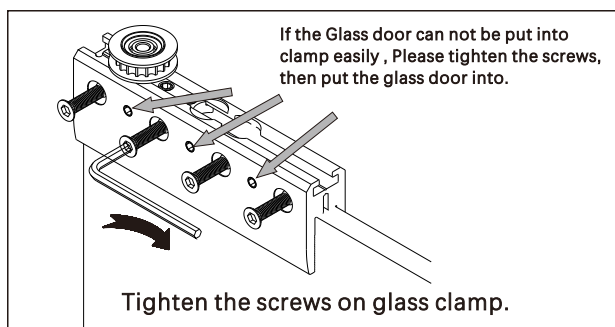
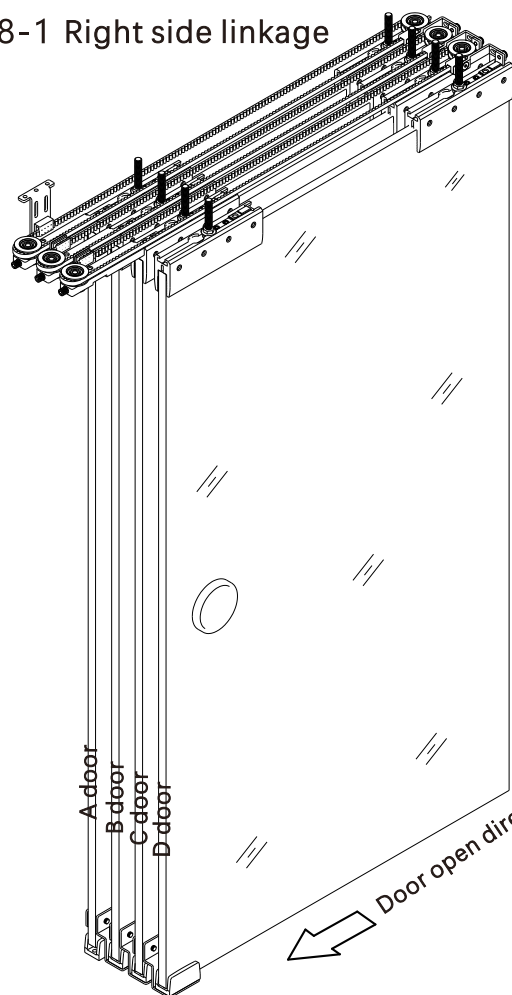


After the accessories are installed into rail , Please insatll the rail on ceiling.
Install the Fixing plate B as the Picture shown.

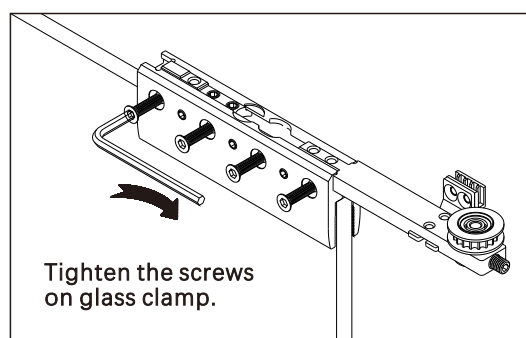


8 Install the bracket

8-1 Right side linkage

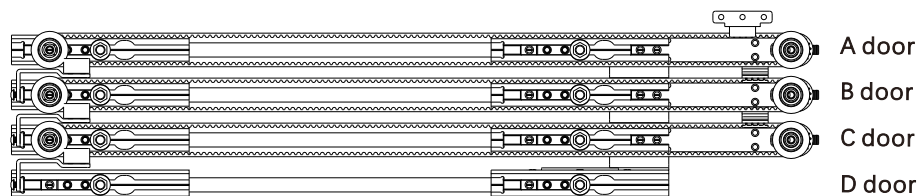
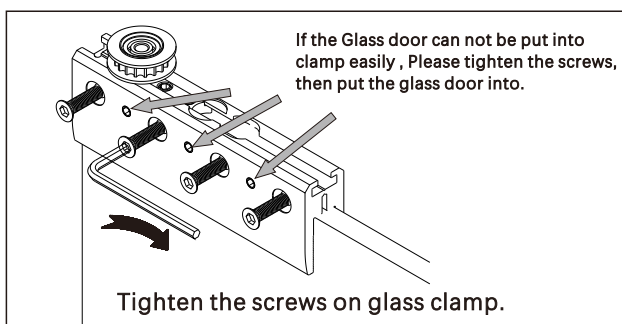


← Door open direction

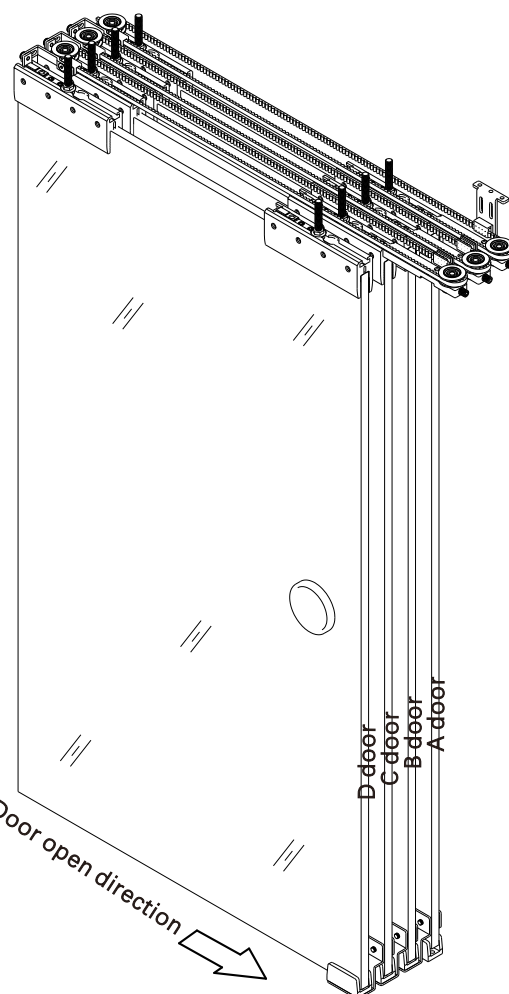
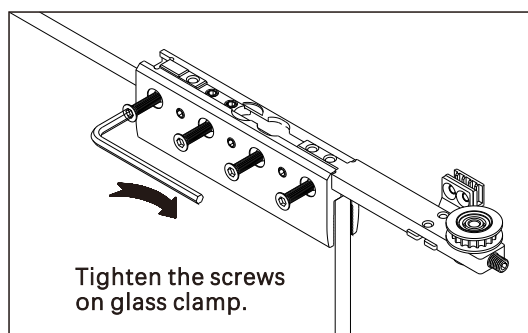


8-2

left side linkage



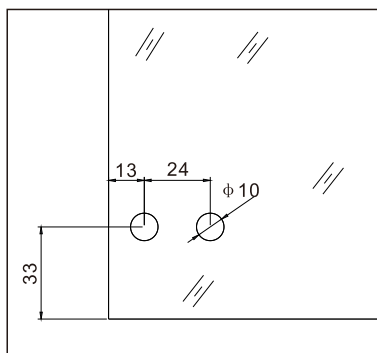
Door open direction →



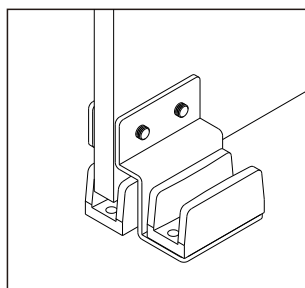
9 Install door A ground guide

9-1 Right side linkage

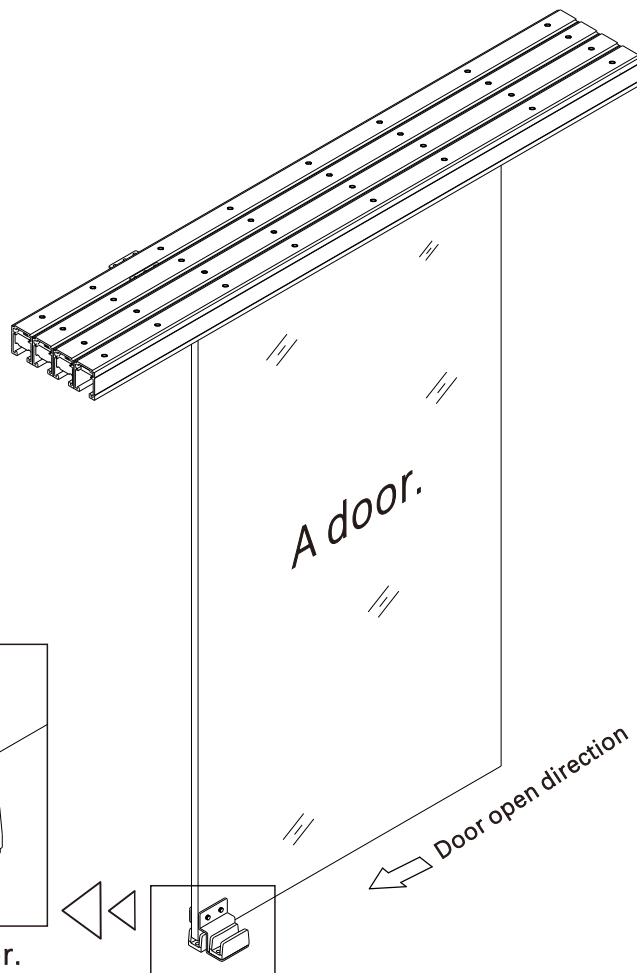
Before Install A door,
Please install bottom guide G on the A door.



Glass door hole dimension

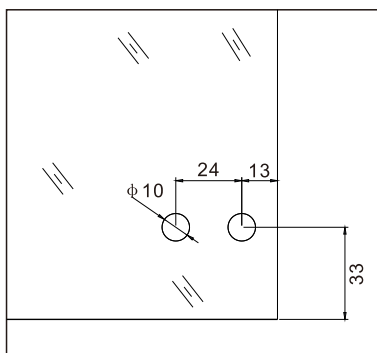


Install G on the A door.

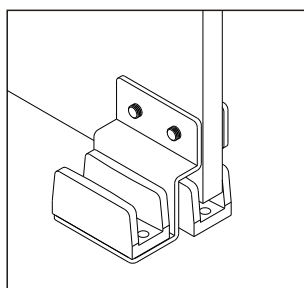


9-2 Left side linkage

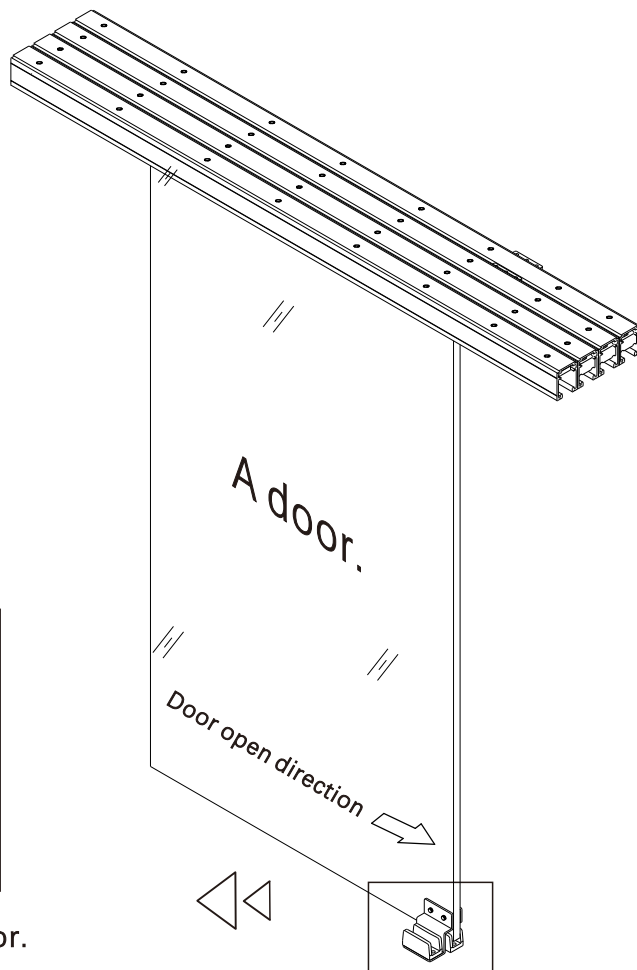
Before Install A door,
Please install bottom guide G on the A door.



Glass door hole dimension



Install G on the A door.

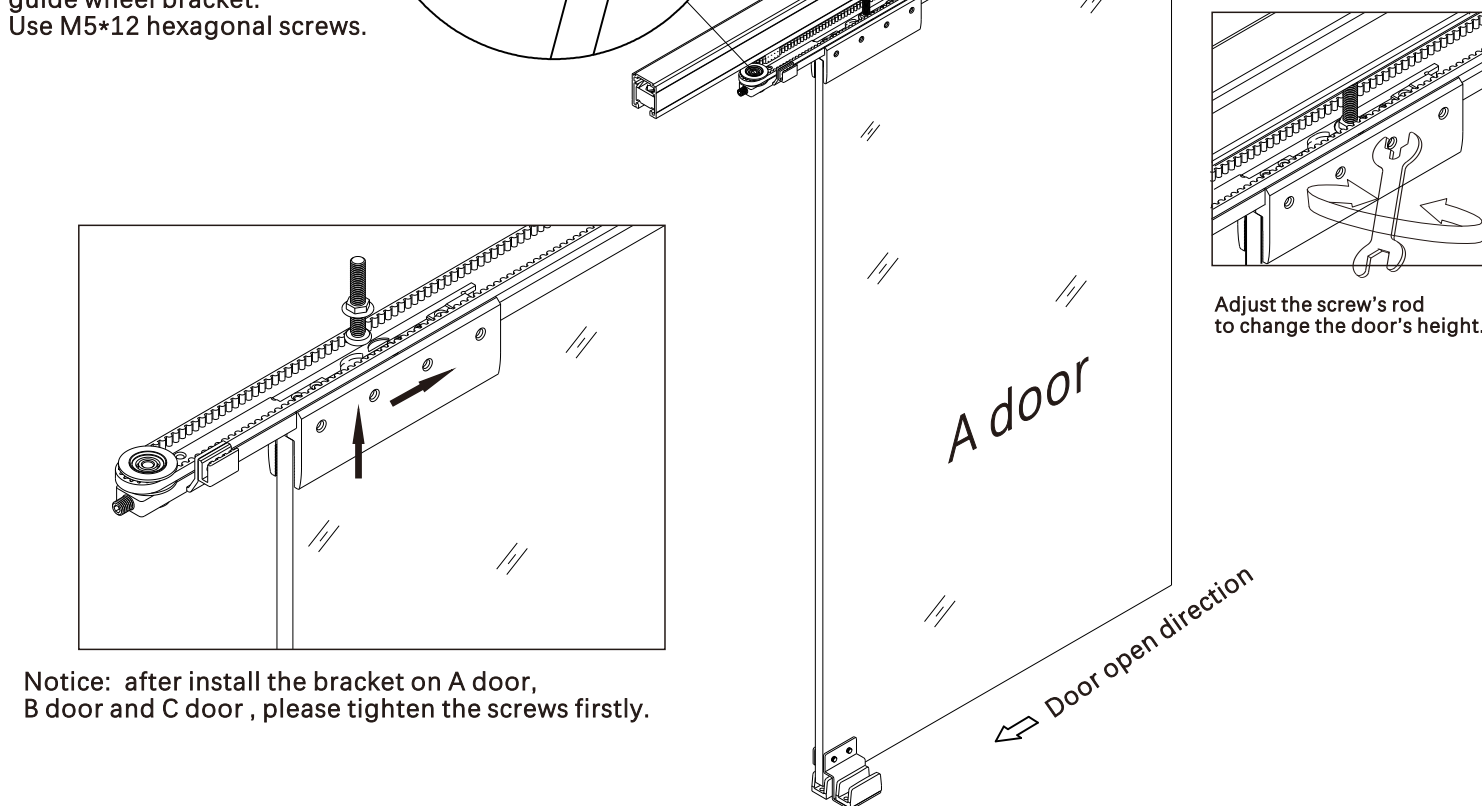


10 Install A door's accessories

10-1 Right side linkage

Spring washer M5

Install the fixing plate N on the guide wheel bracket.
Use M5*12 hexagonal screws.



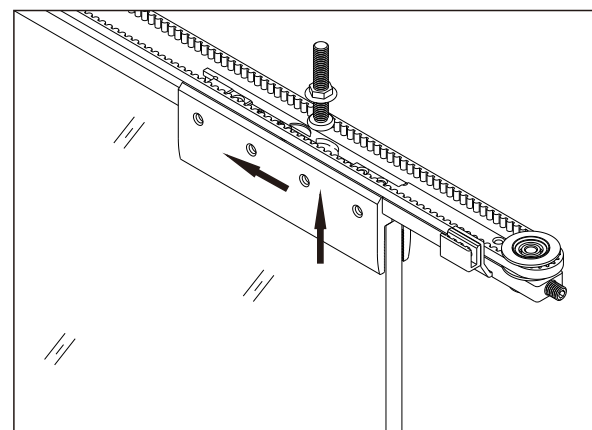
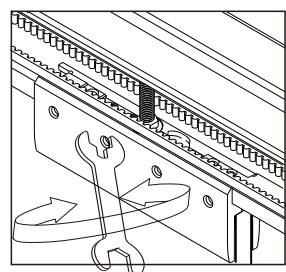
Notice: after install the bracket on A door, B door and C door, please tighten the screws firstly.

10-2

Left side linkage

Spring washer M5

Install the fixing plate N on the guide wheel bracket.
Use M5*12 hexagonal screws.



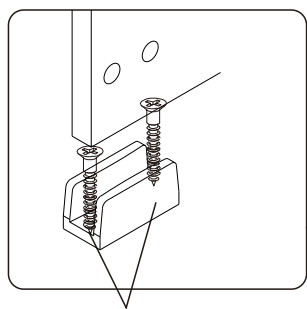
Notice: after install the bracket on A door, B door and C door, please tighten the screws firstly.

11 Install Bottom guide on A door

11-1 Right side linkage

Make sure the length of belt in need,
install it with connector **F**.
Make sure there are two teeth on both side.

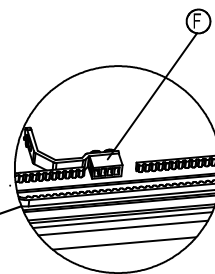
Adjust the screws to change
the degree of tightness for belt.



self-tapping screw M4*30

The guide can not be exceed the outer of the door(Closed state)

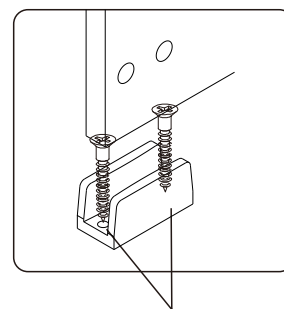
Door open direction



11-2 Left side linkage

Make sure the length of belt in need,
install it with connector **F**.
Make sure there are two teeth on both side.

Adjust the screws to change
the degree of tightness for belt.



self-tapping screw M4*30
The guide can not be exceed the outer of the
door(Closed state)

Door open direction

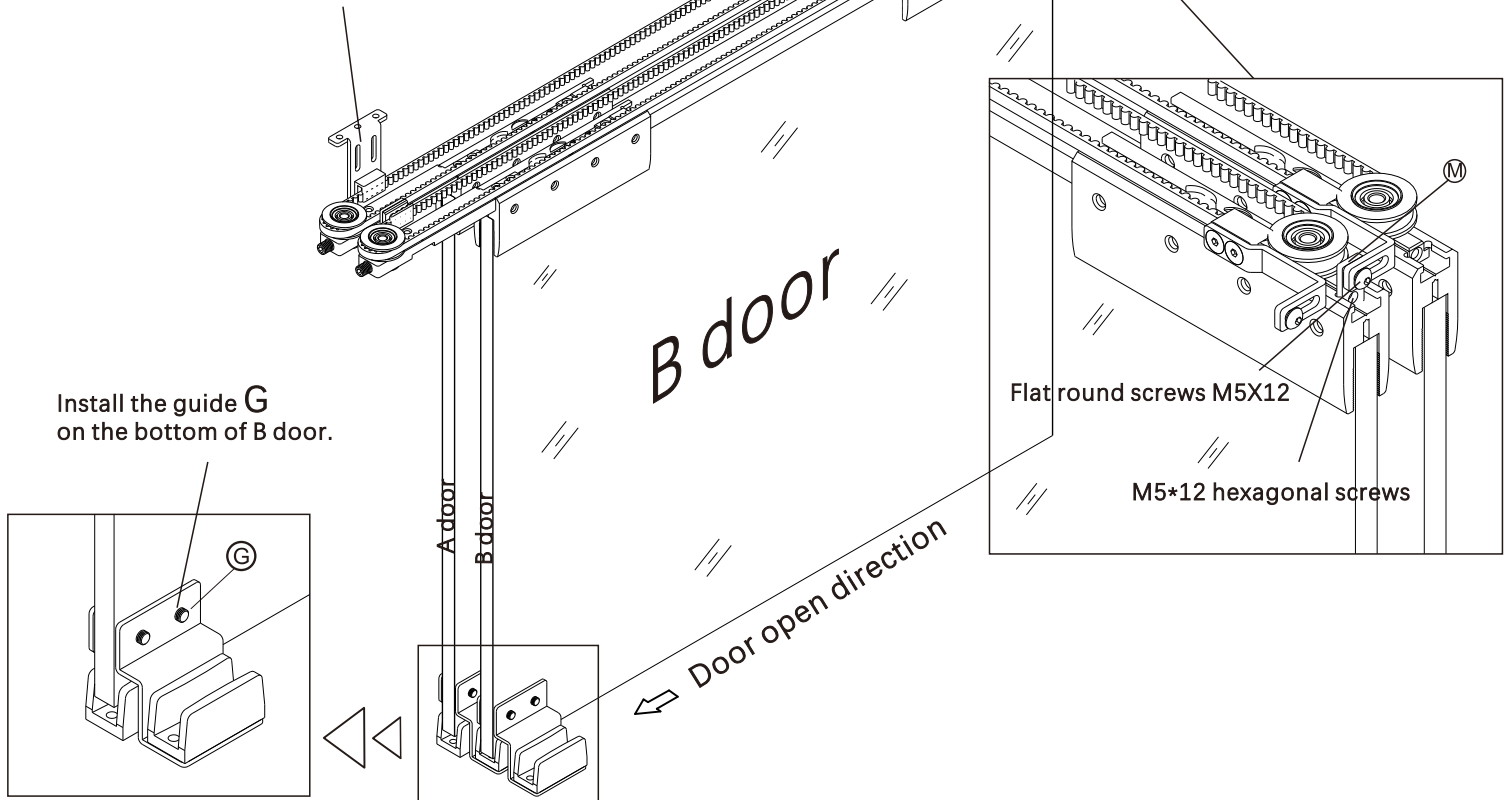
A door

12 Install B door

Flush the A door and B door, Fix the belt connector on the B door's clamp.

12-1 Right side linkage

After the connector **F** is completed, put the belt into the holder B after the door is in closed state.

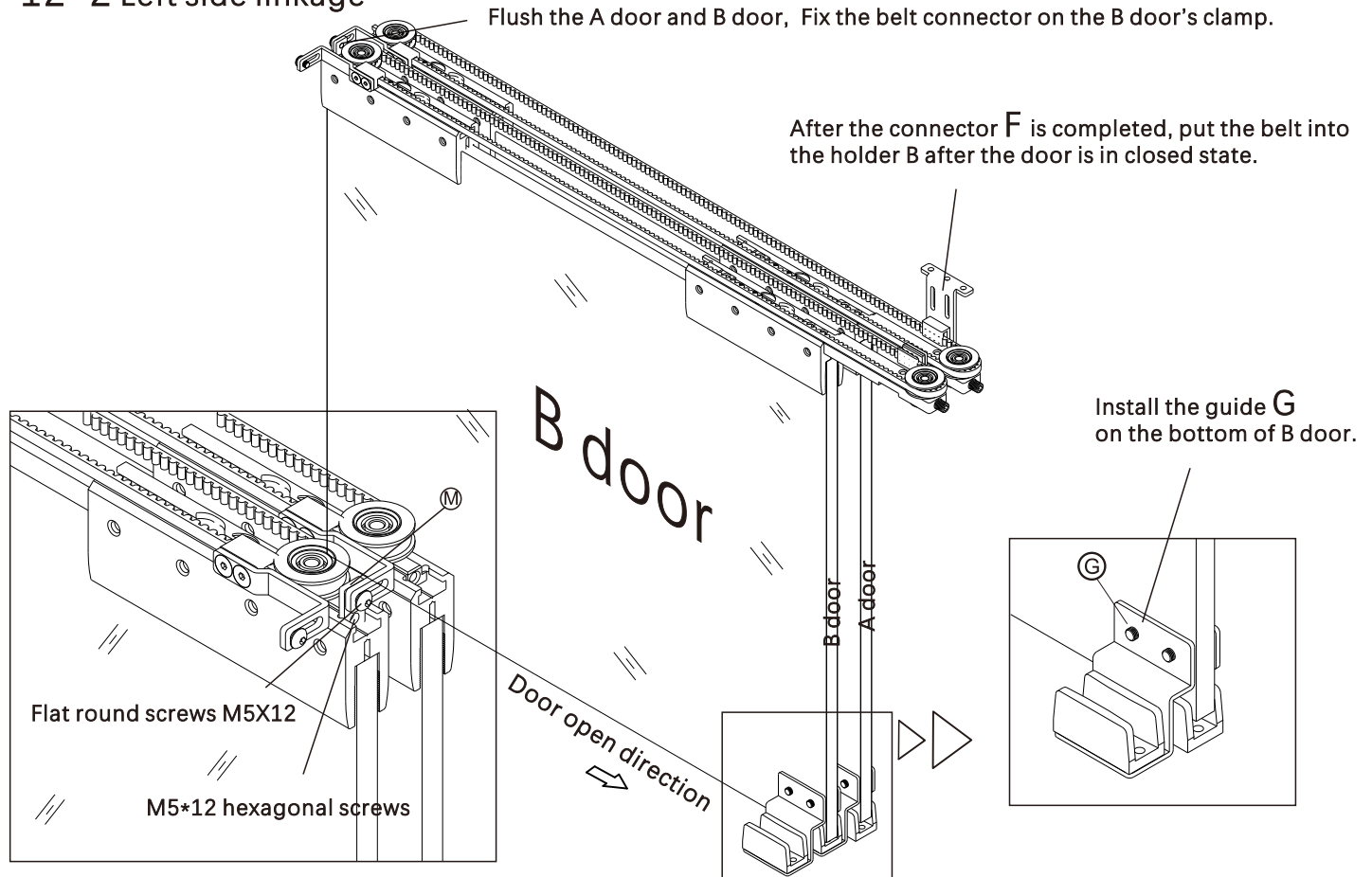


Please put the B door into A's bottom guide, as the picture shown.

12-2 Left side linkage

Flush the A door and B door, Fix the belt connector on the B door's clamp.

After the connector **F** is completed, put the belt into the holder B after the door is in closed state.

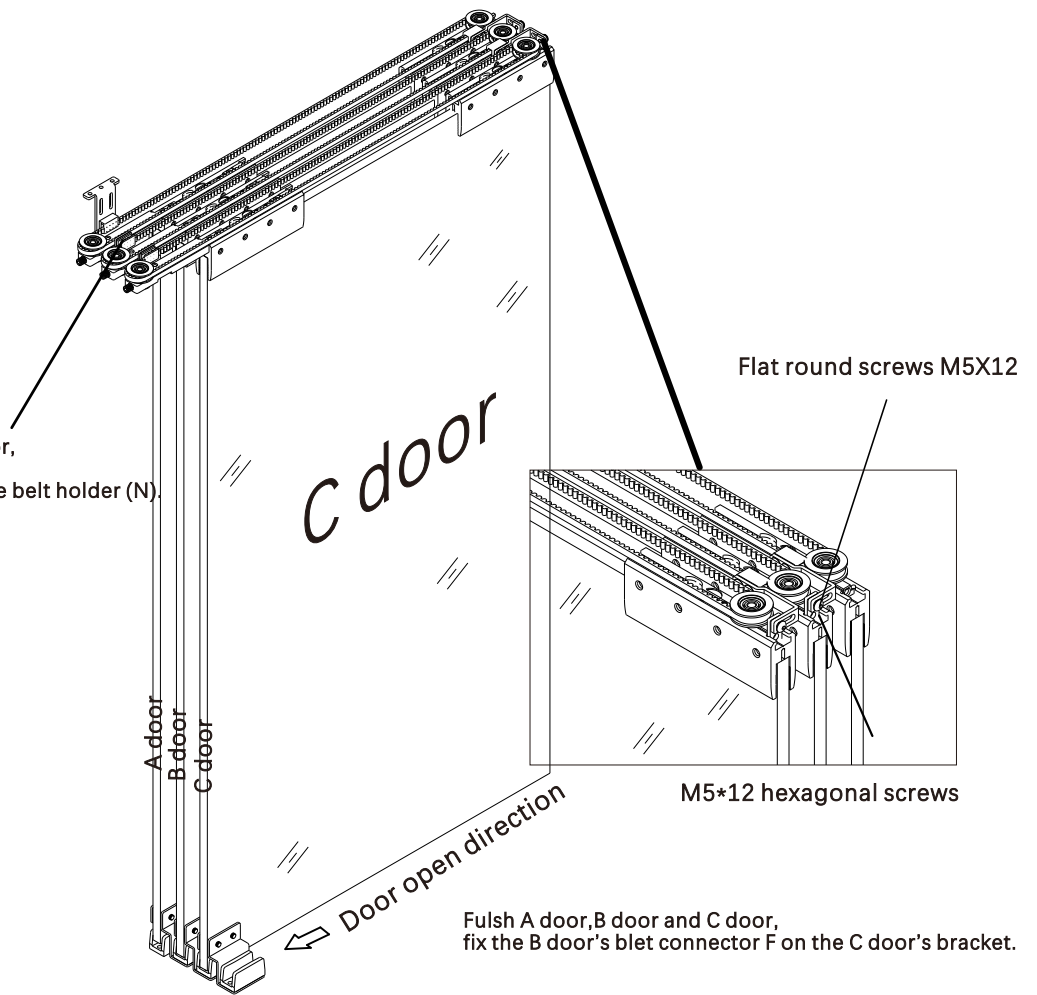


Please put the B door into A's bottom guide, as the picture shown.

13 Install C door

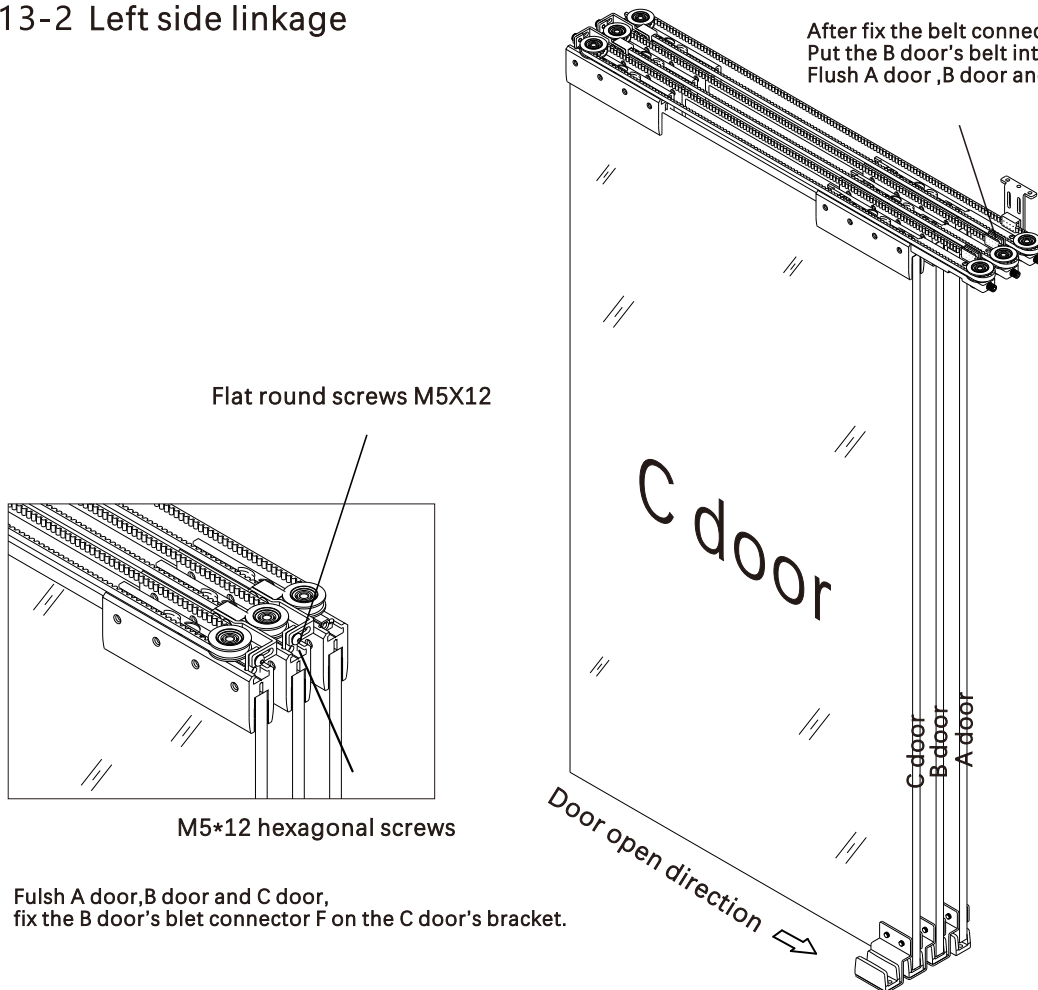
13-1 Right side linkage

After fix the belt connector F of B on the C door,
Put the B door's belt into A door's holder(N).
Flush A door ,B door and C door, then fixed the belt holder (N).



13-2 Left side linkage

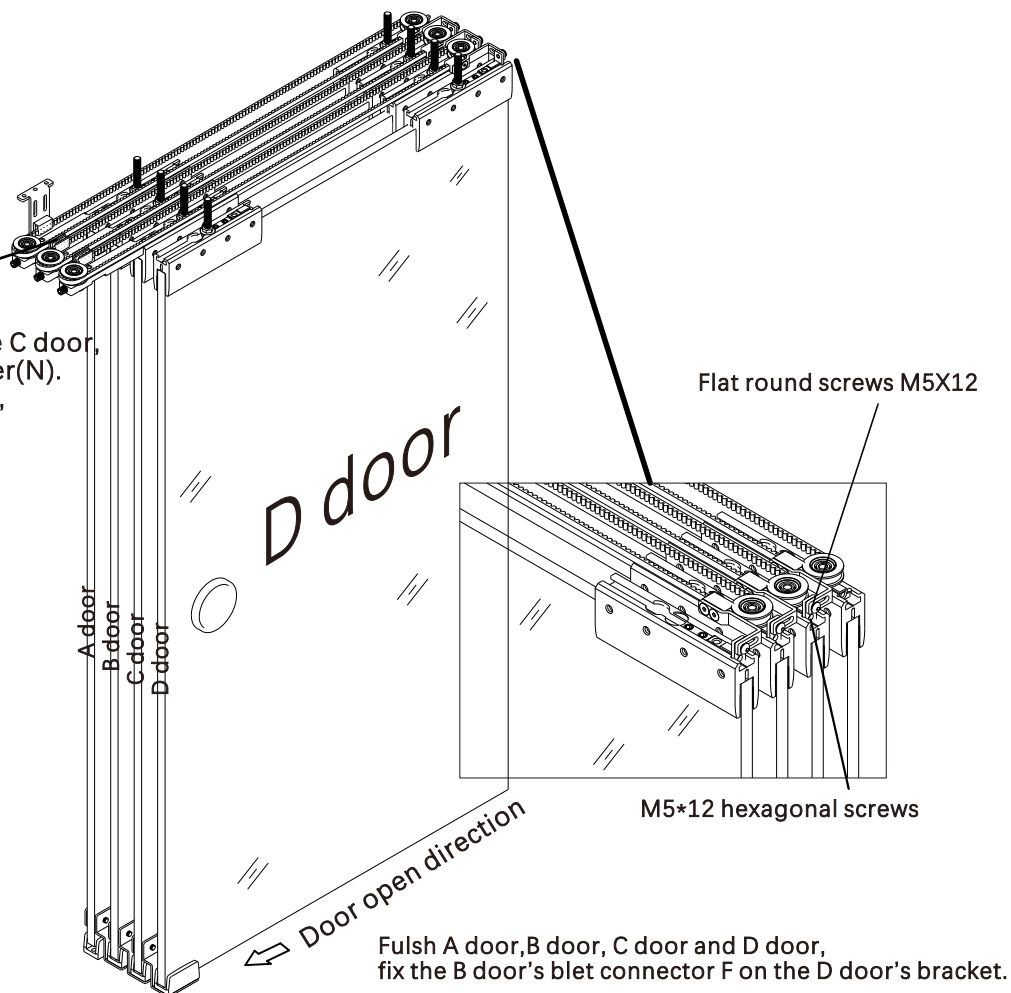
After fix the belt connector F of B on the C door,
Put the B door's belt into A door's holder(N).
Flush A door ,B door and C door, then fixed the belt holder (N).



14 Install D door

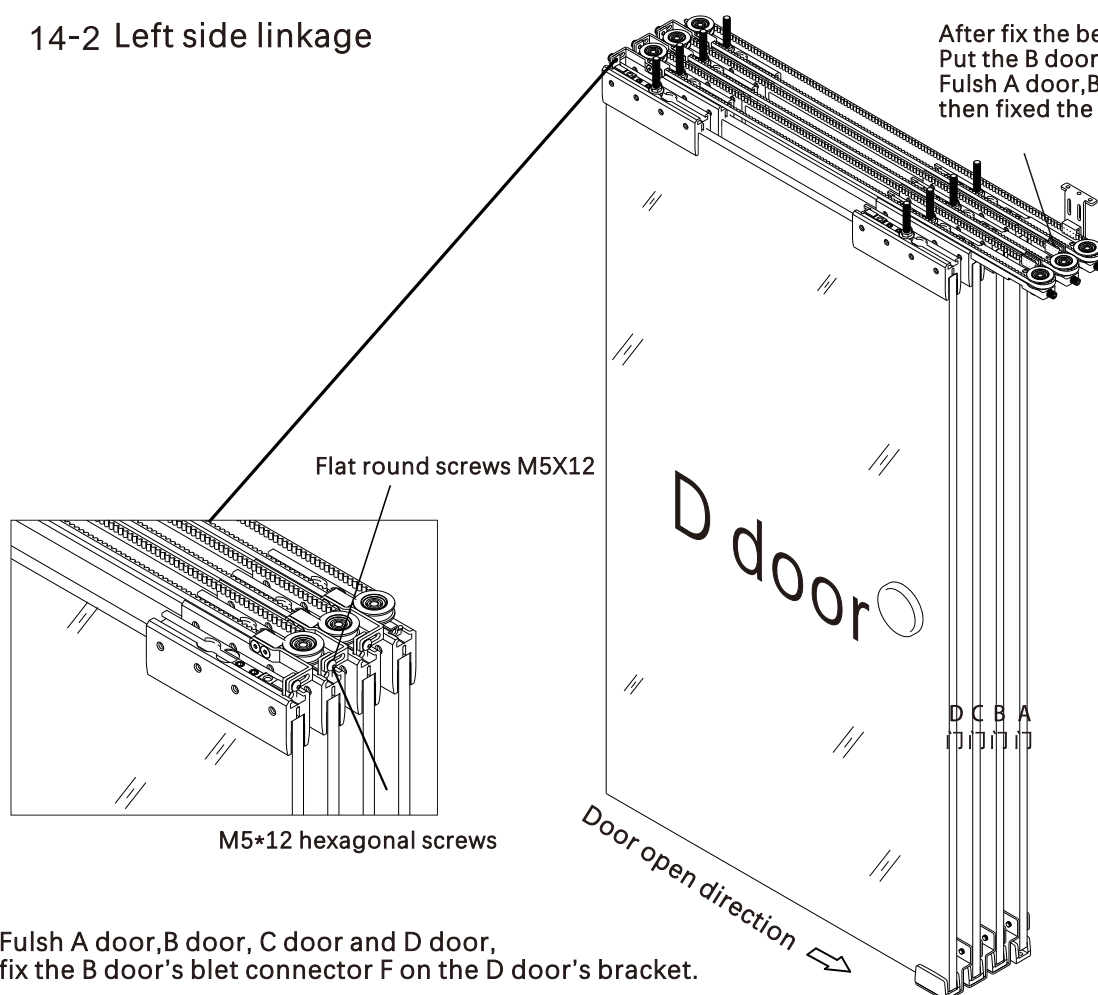
14-1 Right side linkage

After fix the belt connector F of B on the C door,
Put the B door's belt into A door's holder(N).
Fulsh A door,B door, C door and D door,
then fixed the belt holder (N).



14-2 Left side linkage

After fix the belt connector F of B on the C door,
Put the B door's belt into A door's holder(N).
Fulsh A door,B door, C door and D door,
then fixed the belt holder (N).



15 Adjust C door 's trigger ,A door and B door 's stopper.

Adjust the K stopper and trigger L according the installation situation.

