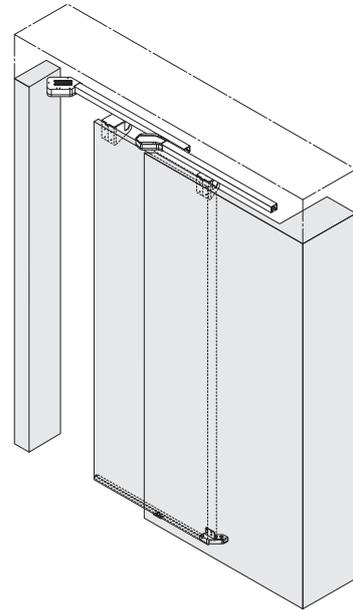


MonoFlat UNISON Neo - Installation manual

Thank you for selecting our product. Before starting installation, please read this manual thoroughly to ensure correct installation. Please keep this manual at hand for future reference.

ABOUT THE PRODUCT

- The MonoFlat UNISON Neo is a coplanar sliding door system for wardrobe.
- A built-in closer helps the door close completely.



FOR YOUR SAFE WORK AND CORRECT INSTALLATION

Meaning of symbols

 Warning Caution	 Prohibited	 Required
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 **WARNING:** If these warnings are not followed, it may result in death or serious injury.

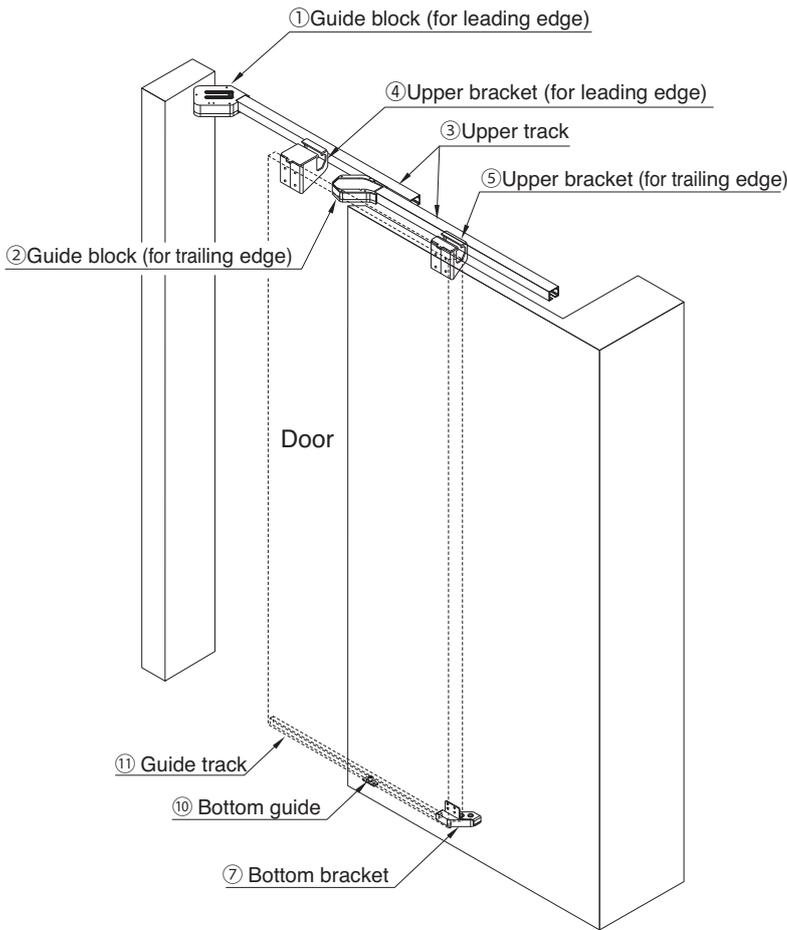
- ❗ This (sliding door system) should be installed by an experienced person who has correct knowledge. If the system is not installed correctly, the door will not operate smoothly, and or may cause injury.
- ❗ It is necessary to manufacture the frame with sufficient strength so it endures the weight of the door and impact shocks upon opening/closing the door. Also make sure to only use the designated screws and to fasten them firmly. A frame with poor strength or loose screws might result in improper and slower movement of the door. In the worst case, the door might drop down and cause injury.
- ⊘ Do not try to use this product for any other purposes other than originally intended for. Do not use the parts for applications that are out of specification.
- ⊘ Do not disassemble nor modify any parts than those described in this document.

 **Caution:** If these cautions are not followed, it may result in injury or damage.

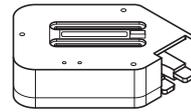
- ❗ Make sure to follow the designated measurements, specifications, and horizontal/vertical angles. Make sure that the frame is not warped, since it may affect the movement of the door.
- ❗ If cutting any parts, make sure to remove any burr before installation. Also check the upper track for any left-over burr or scrap and remove these.
- ❗ This (sliding door system) is a part for architectural fittings. After installation, make sure to test the finished product thoroughly to ensure that it is well-functioning and safe.
- ❗ Make sure to check the screws for slack at regular intervals (one month from first usage, half year and then one time every year is recommended).
- ❗ We recommend that the installation is carried out by two people, since the door position needs to be checked from outside while the door is adjusted inside.
- ⊘ Do not operate the door with excessive force.
- ⊘ Do not lean on the door whether opened or closed.

COMPONENT PARTS

This figure shows the left-handed opening type. The right-handed opening type is a mirror image thereof.

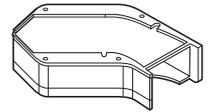


① Guide block (for leading edge)



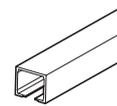
1 pc.

② Guide block (for trailing edge)



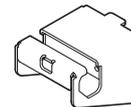
1 pc.

③ Upper track



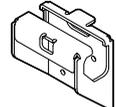
2 pcs.

④ Upper bracket (for leading edge)



1 pc.

⑤ Upper bracket (for trailing edge)



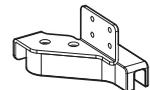
1 pc.

⑥ stopper



1 pc.

⑦ Bottom bracket



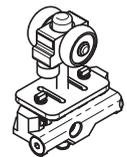
1 pc.

⑧ Door roller (for leading edge)



1 pc.

⑨ Door roller (for trailing edge)



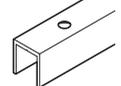
1 pc.

⑩ Bottom guide



1 pc.

⑪ Guide track



1 pc.

⑫ Template



1 pc.

Specifications

Door Width (DW): 800 to 1,000 mm

Door Height (DH): Max. 2,500 mm

Door Thickness (DT): 28 to 30 mm

Door Weight: 30 kg or lighter (20 kg or heavier is recommended)

Adjustment Range: [Back/Front] ± 3.5 mm, [Left/Right] ± 4 mm, [Up/Down] ± 4 mm

Screws included with Product

- ⑬ Bind head tapping screw 4 x 30 10 pcs. (for upper track)
- ⑭ Round head wood screw 4.1 x 20 16 pcs.
(for ② guide block [for trailing edge], ④, upper bracket (for leading Edge), ⑤, upper bracket (for trailing edge), and ⑦ bottom bracket)
- ⑮ Countersunk head tapping screw 3.5 x 30 4 pcs. (for ⑩ bottom guide)
- ⑯ Countersunk head wood screw (coarse thread) 4.2 x 65 3 pcs.
(for guide block [for door stop end] [1])
- ⑰ Countersunk head wood screw 4.1 x 20 4 pcs. (for ⑪ guide track)

Items to be prepared by the installer

■ Panels

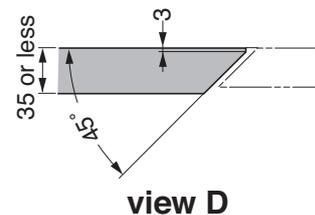
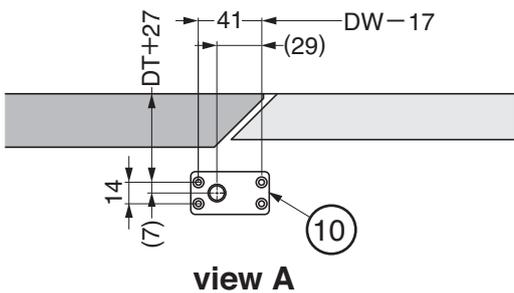
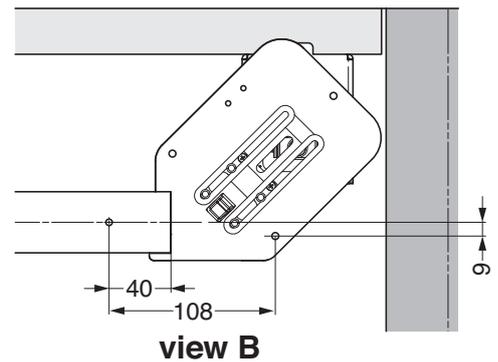
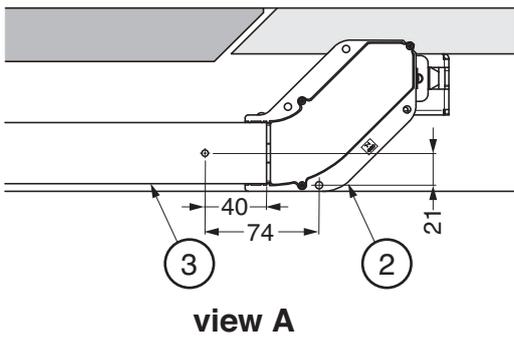
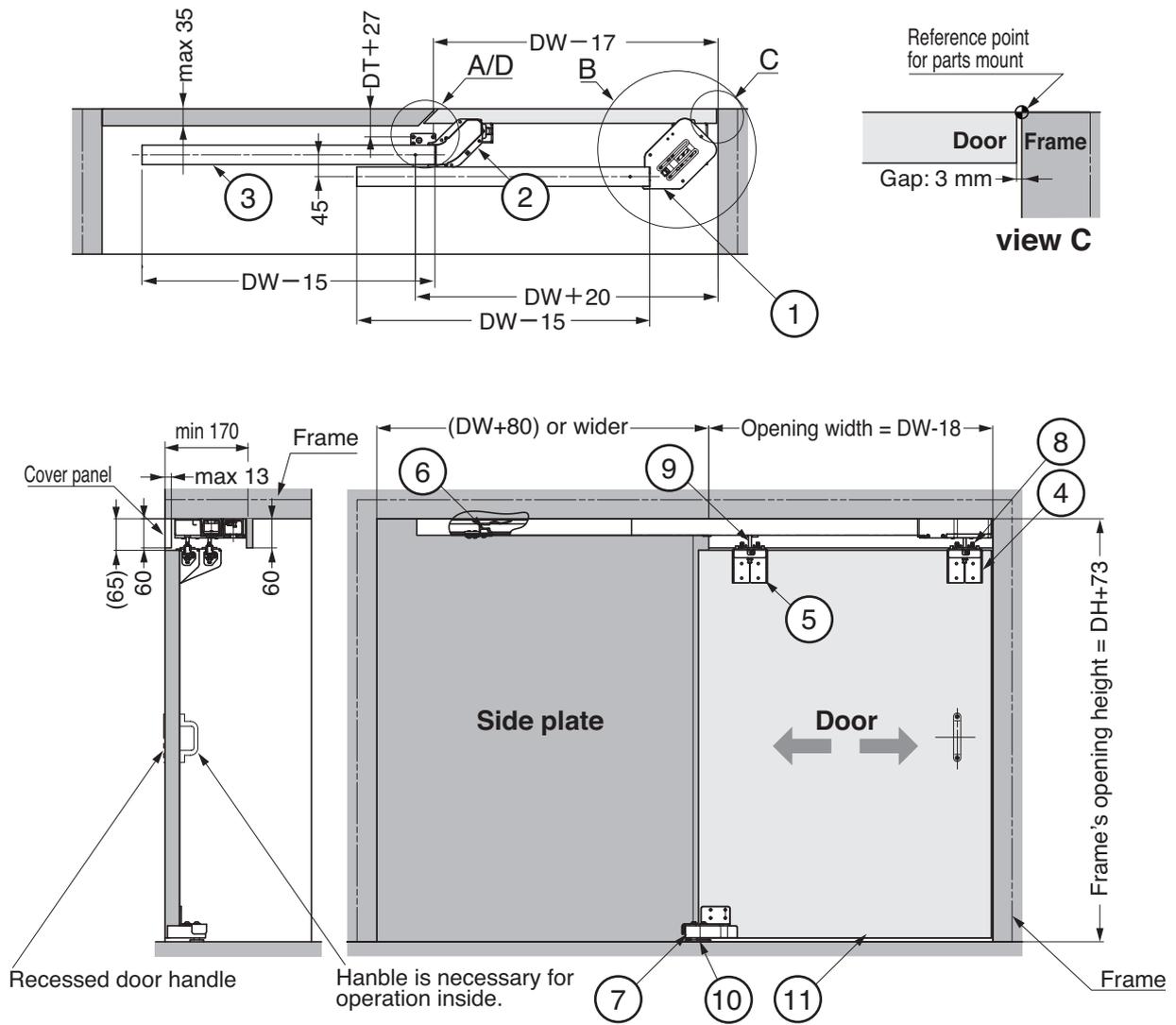
- Cover panels (Unit: mm)
- Size of cover panel on the obverse side of door: Width = 60, Length = DW - 18, Thickness = 13 or thinner
- Size of cover panel on the reverse side of door: Width = 60, Length = Optional, Thickness = Optional

■ Tools

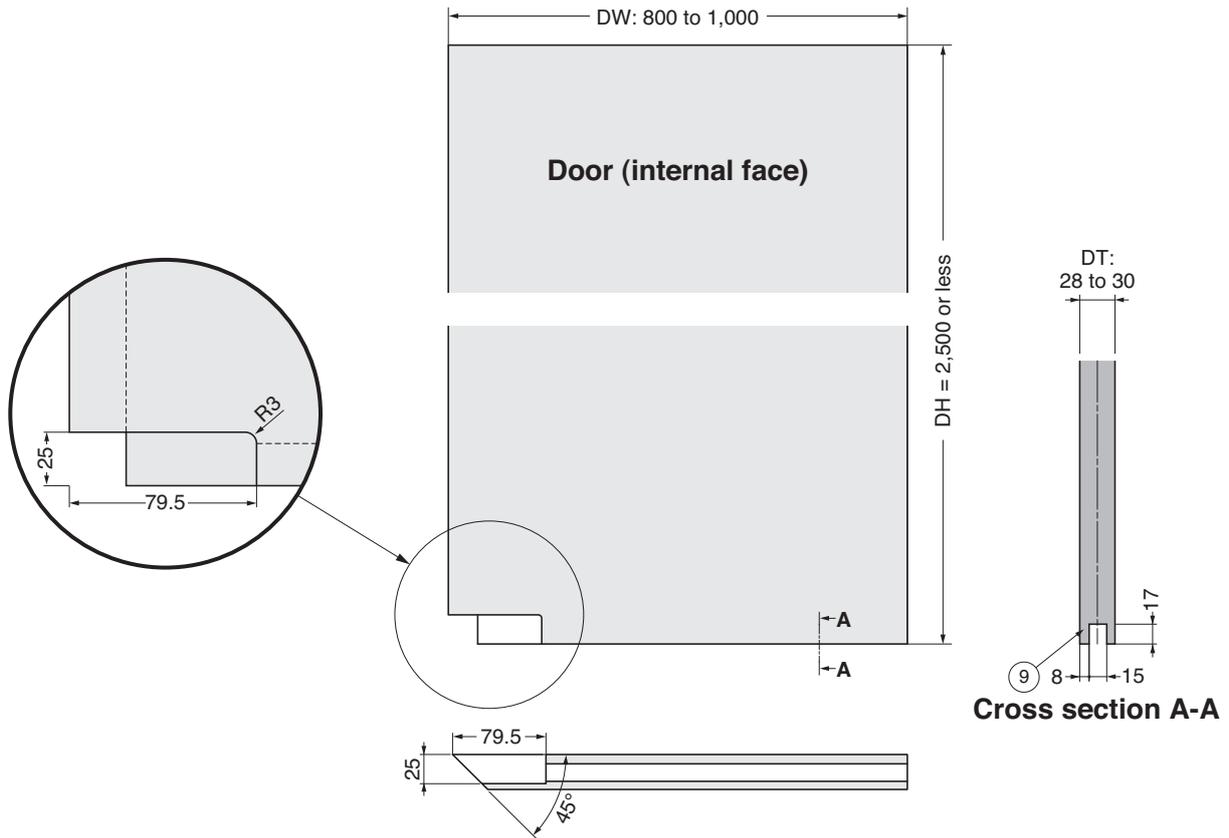
- Cross slot screwdriver No.2
- Spanner 10 mm
- Hexagonal wrench 3 mm
- Hexagonal wrench 4 mm

INSTALLATION DRAWING (EXAMPLE)

This figure shows the left-handed opening type. The right-handed opening type is a mirror image thereof.

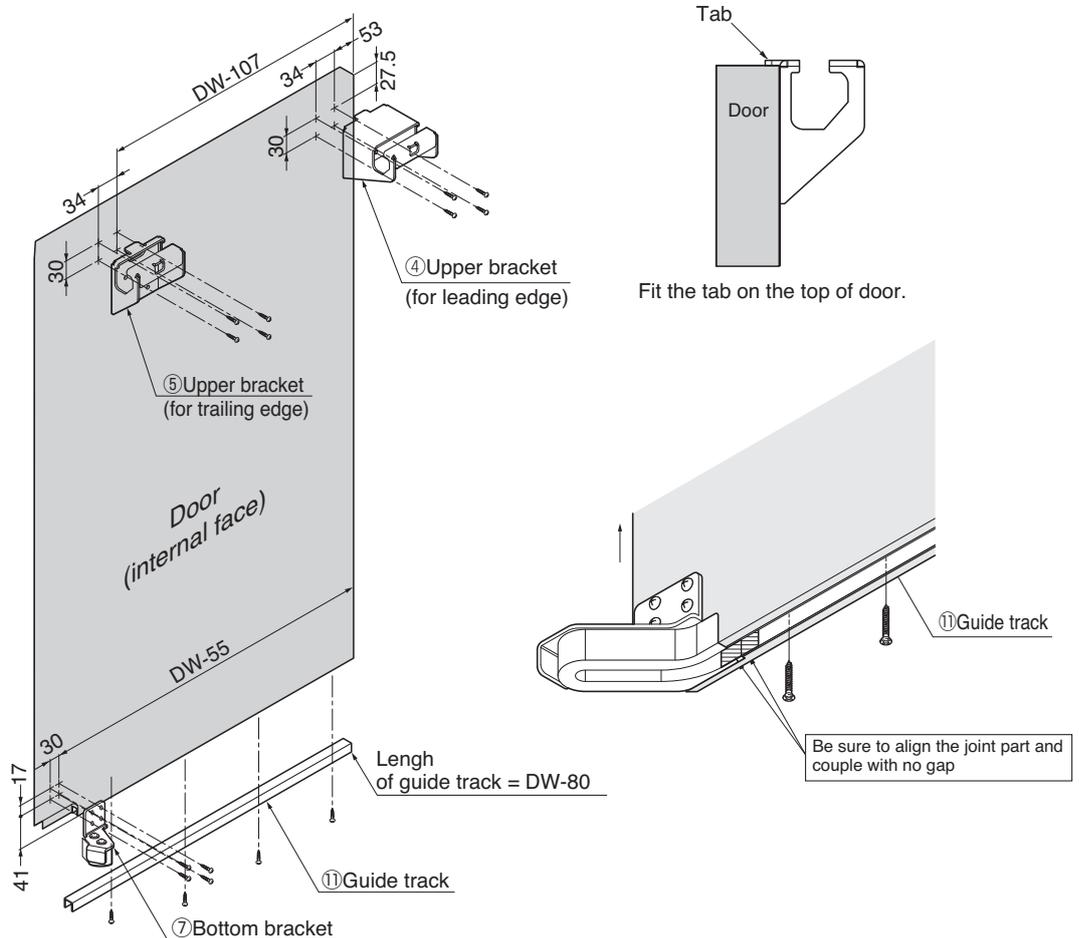


Door process dimension



ASSEMBLY

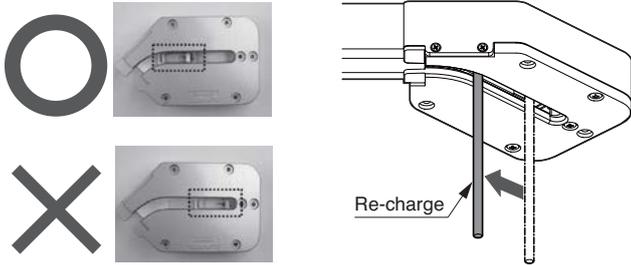
1 Parts assembly onto door



2 Parts assembly

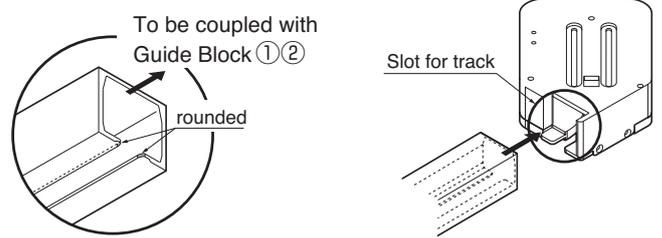
⚠ Caution

Before mounting, ensure that the trigger in the Guide block is properly charged.
If not, the trigger needs to be re-charged with a screwdriver or similar.

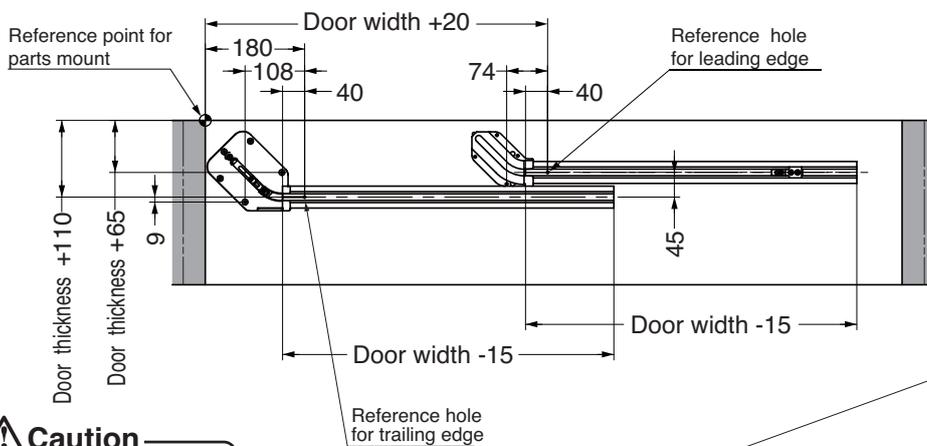


⚠ Caution

The rounded ends on the Upper tracks^③ must face towards the Guide blocks^{①②}.
Be sure to assemble without a gap between the parts.



Arrow view A

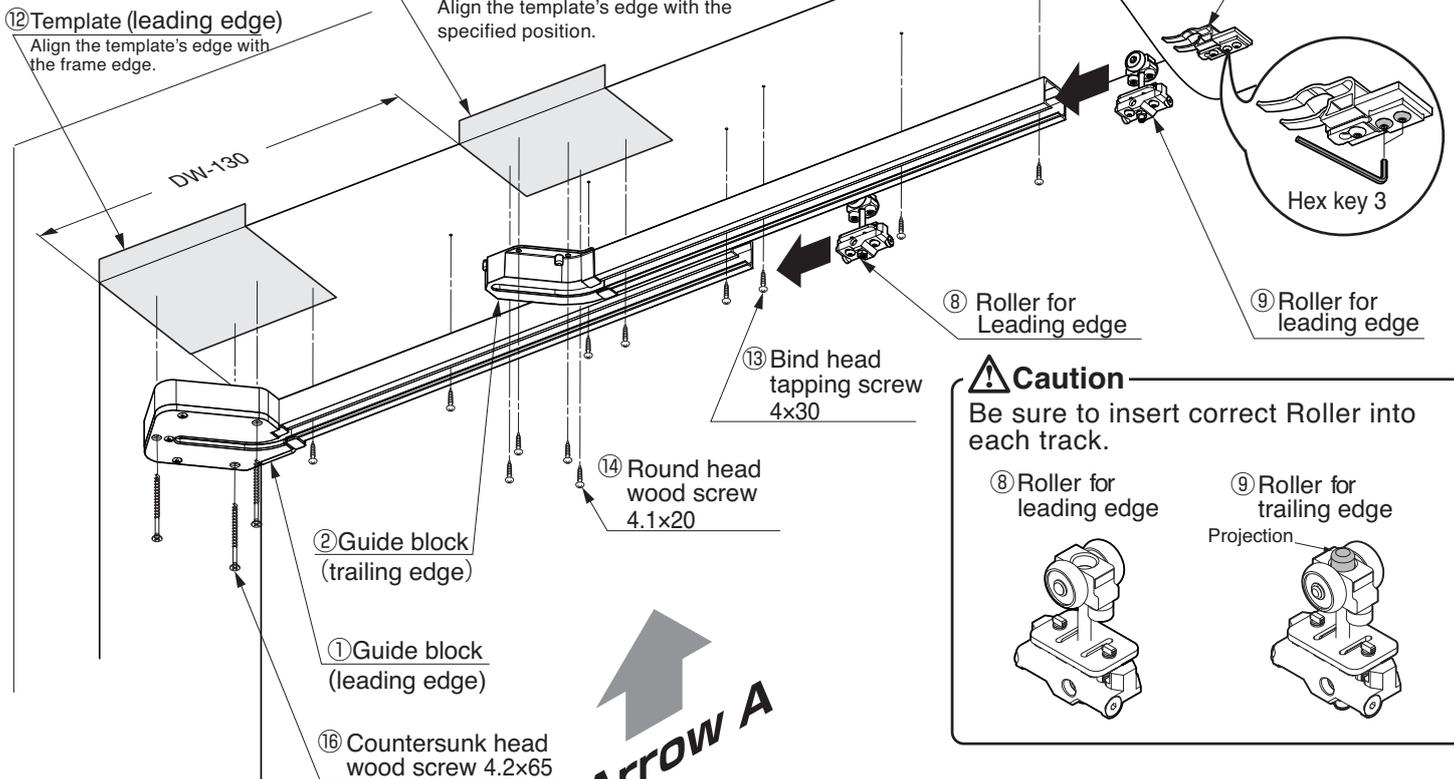


⚠ Caution

Be sure to put the templates on the correct position.

⑫ Template (leading edge)
Align the template's edge with the frame edge.

⑫ Template (trailing edge)
Align the template's edge with the specified position.



⚠ Caution

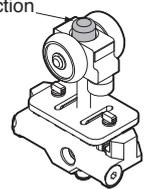
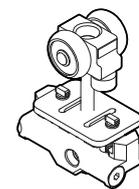
Be sure to assemble Stopper^⑥ to the end of Upper tracks^③.

⚠ Caution

Be sure to insert correct Roller into each track.

⑧ Roller for leading edge

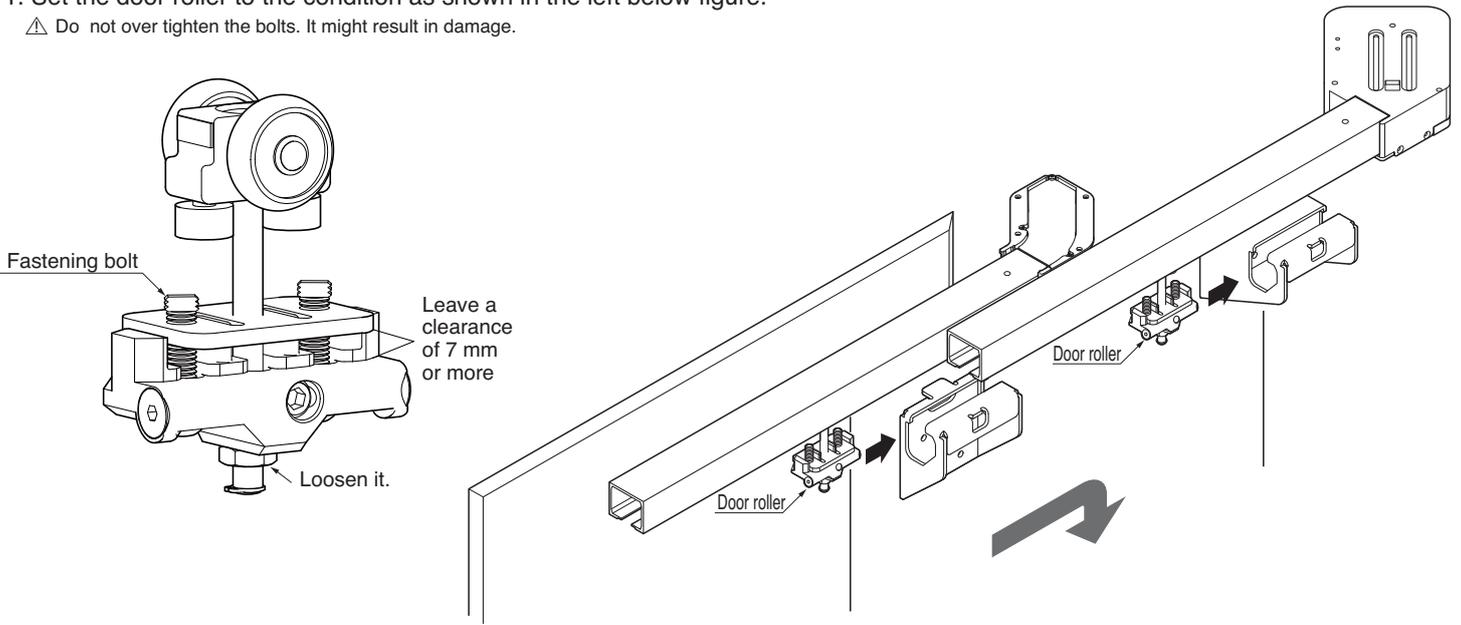
⑨ Roller for trailing edge
Projection



3 Hanging door (step 1)

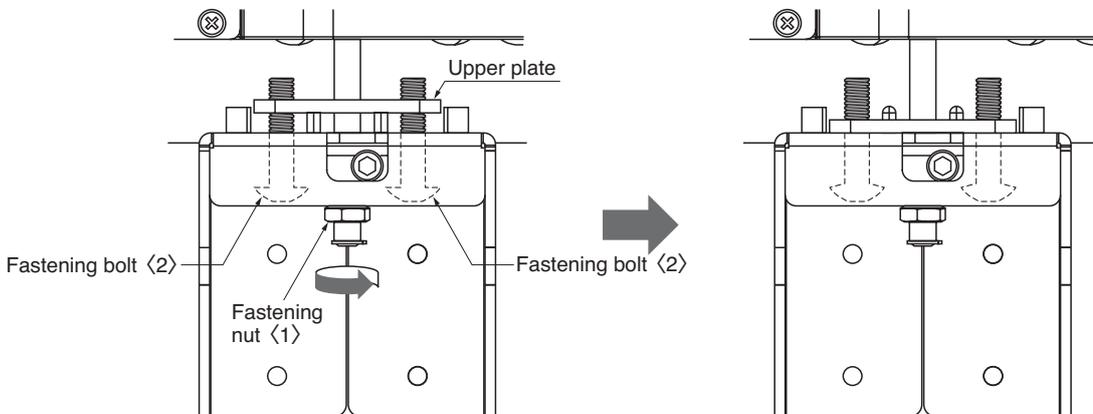
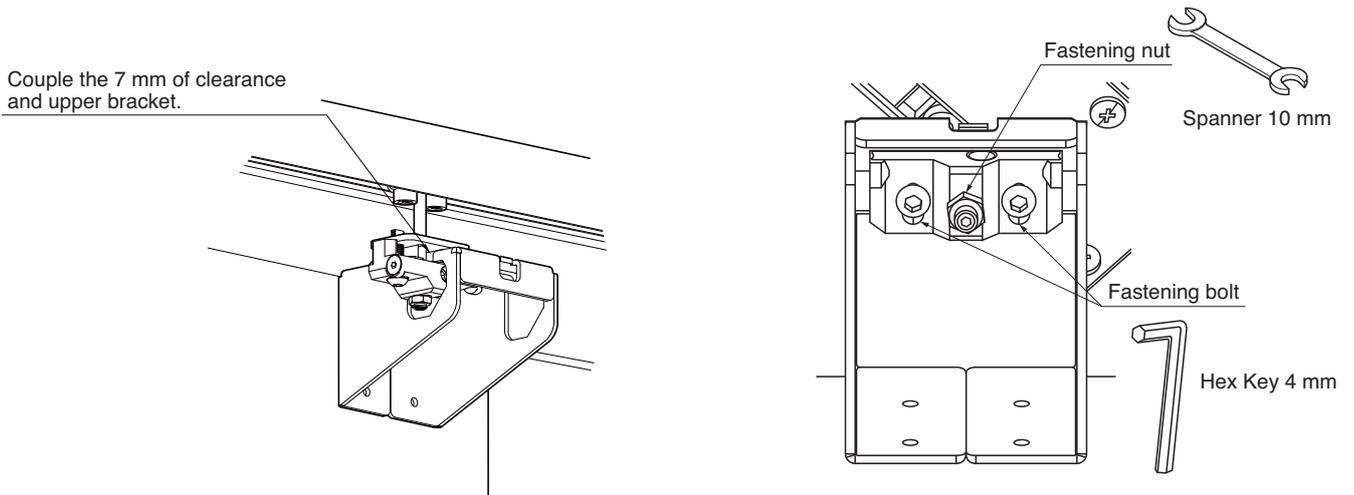
1. Set the door roller to the condition as shown in the left below figure.

⚠ Do not over tighten the bolts. It might result in damage.



4 Hanging door (step 2)

Couple the 7 mm of clearance and upper bracket.

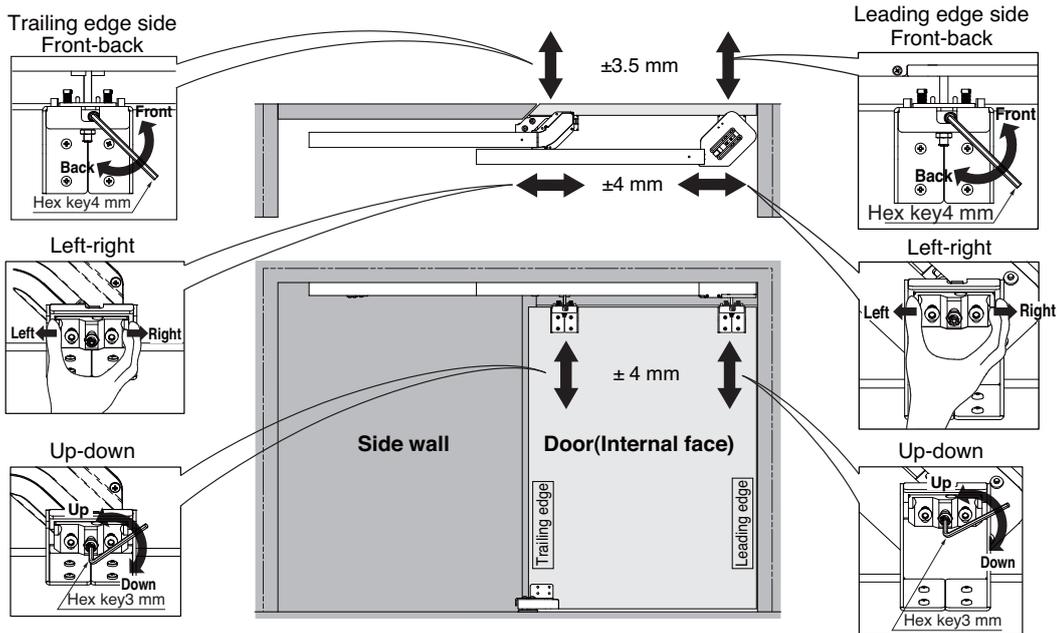


3. <1> Turn the fastening nut clockwise with the spanner No.10 to move the upper plate to the position as shown in the figure above.
- <2> Use the hexagonal wrench No.4 to tighten the two fastening bolts lightly.

DOOR ADJUSTMENTS

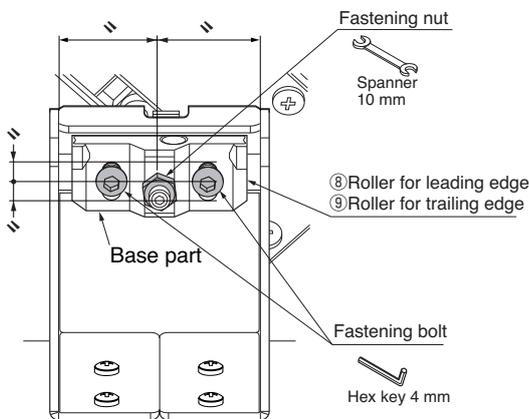
Adjusting points and ranges

- Adjustments need to be done from the inside of the cabinet.
- We recommend that the adjustment be made by two people, since the door position needs to be checked from outside.



How to adjust

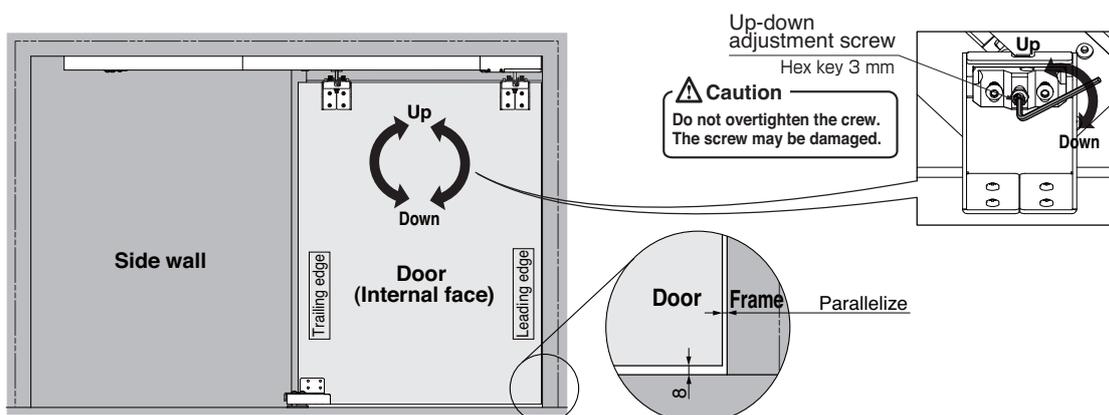
1 Preparations for adjustments



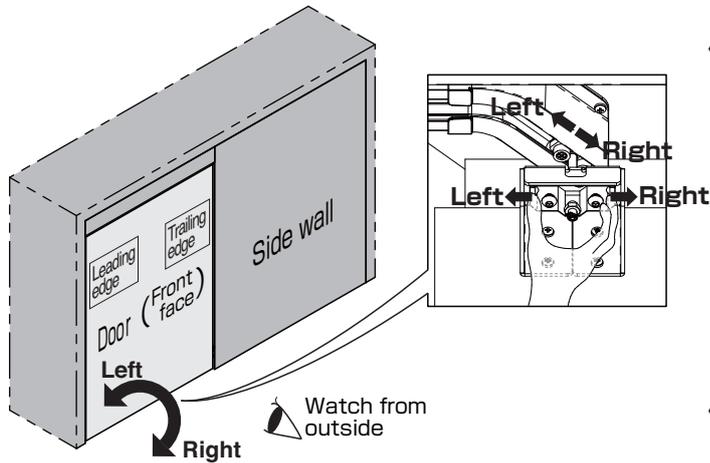
- (1) On both Door rollers, loosen two Fastening bolts and one fastening nut for approximately one turn each.
- (2) Position the Base part of trailing edge in the middle of its adjustment range (Left-right and Front-back). Then, Fasten the bolts and nut temporarily.

Do the same work on the Base part of leading edge.
- (3) Observe the door from outside and check how much adjustment is required.
- (4) On both Door rollers, loosen two fastening bolts and one fastening nut for approximately one turn each.

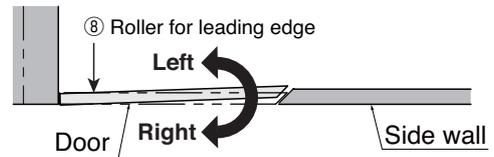
2 Up-down adjustment (Vertical positioning in the same time)



3 Left-right adjustment (Making Door parallel to side wall, and eliminating contact with adjacent parts)



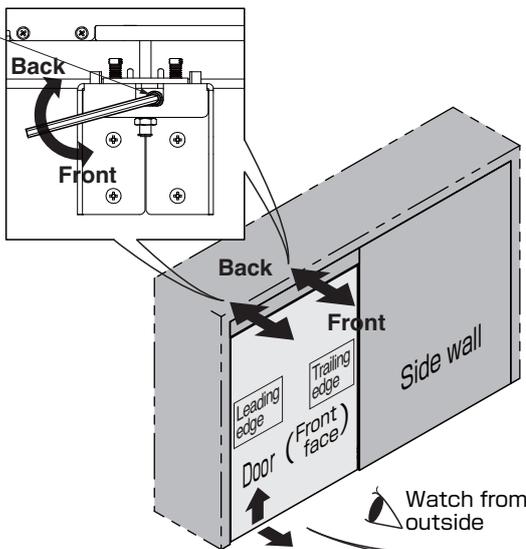
- ⟨1⟩ Start from the trailing edge Roller ⑨.
Note that the door will not move left nor right but rotate around the roller for leading edge ⑧ when you adjust the roller for trailing edge ⑨.



- ⟨2⟩ If you cannot make door parallel to side wall completely, adjust the Roller for leading edge ⑧.

4 Front-back adjustment (Making door upright)

Front/back adjustment screw
Hex key 4 mm

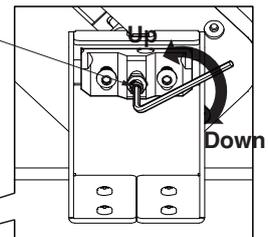


- ⟨1⟩ Start from Roller for trailing edge ⑨.

- ⟨2⟩ If the door bottom inclines inside, raise the Door at leading edge with Up-down adjustment screw.

Up-down adjustment screw
Hex key 3 mm

Caution
Do not overtighten the screw. The screw may be damaged.

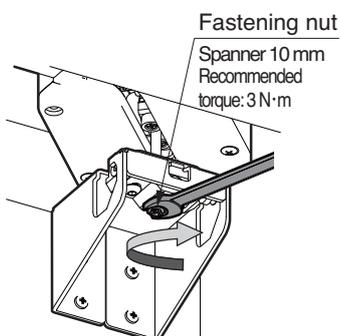


5 If the door is still not parallel with the side wall, go back to Procedure 1 and try again.

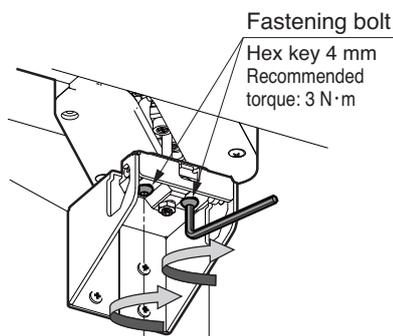
6 Tighten the nuts and bolts in the following order.

Caution
Failure to follow the proper order may result in lose of adjustment.

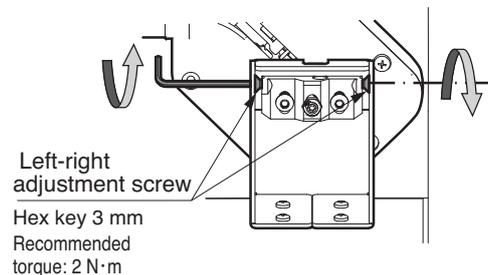
- 1 Tighten the center nut on the roller of stop-end ⑧.



- 2 Tighten the two bolts.



- 3 Press the heads of Left-right adjustment screws to Upper bracket.



- 4 Tighten the nuts and bolts on the roller for trailing edge ⑨ in the same order.

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2016.11 0596-4