

LAMP® FD35EV SLIDING DOOR SYSTEM Installation Manual

(For Mortised, Drop or False Ceiling, with Surface Mount Rollers) Part No.FD35EVHMP

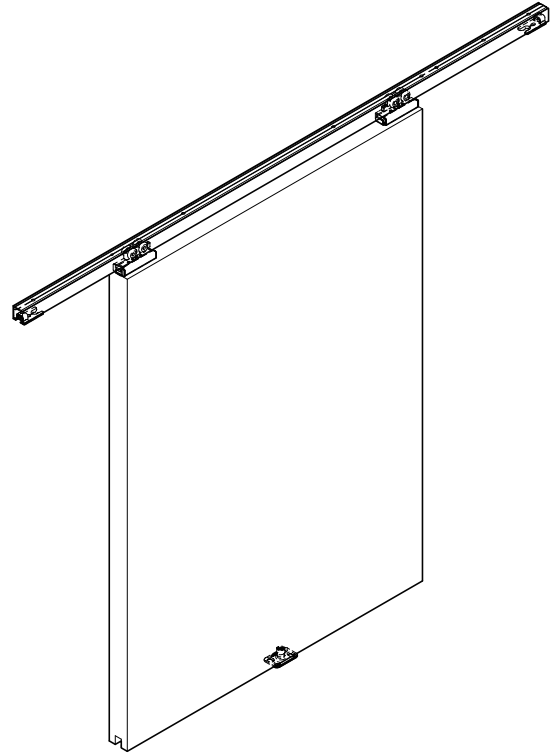
Thank you for using our product. Before installation, please read this manual thoroughly to ensure correct installation. Please keep this manual at hand for future reference.

ABOUT THE PRODUCT

- This is a parts set for a sliding door system for residential & commercial use.
- The door can be installed without the use of tools.

SPECIFICATIONS

Door height	Max.2400 mm	2401 - 2700 mm
Door width	Max.1200 mm	700 - 1200 mm
Min. Door thickness	Min. 22 mm	
Max. Door weight	35 kg / door	
Vertical adjustment	4 mm downward	



FOR YOUR SAFETY AND CORRECT INSTALLATION

Meaning of symbols

 Warning Caution	 Prohibited	 Required
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
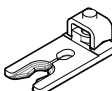
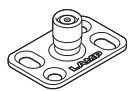
WARNING If not followed, death or serious injury may result.

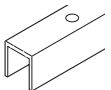

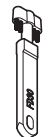
- ❗ This product should be installed by a qualified person in accordance with this manual. If it is not installed correctly, the door may fall and cause injury.
- ❗ Provide a frame that can withstand the weight and impact of opening and closing the door. Be sure to use the specified screws and tighten them securely. If the mounting strength is insufficient, the door may fall and cause injury.
- ⊘ Do not use this product for any other purpose, or with doors that are outside the specifications of this manual.
- ⊘ Do not disassemble or modify any parts other than those described in this document.

Caution If not followed, injury or damage may result.

- ❗ Follow the specified dimensions, specifications, and alignment of the door and frame. Warping, tilting or twisting of the frame or door may cause failure.
- ❗ If cutting any parts, make sure to remove any burrs before installation. Also check the upper track for any left-over burrs or scraps and remove these.
- ❗ This product is a part for architectural fittings. After installation, please check the function and safety of the final product. Please inform the end user how to use the product safely.
- ❗ Make sure to check the screws for slack at regular intervals (one month from first usage, half a year, and then one time every year is recommended).

COMPONENT PARTS

No.	①		②	③	④
Name	Upper track for (surface mount)	Upper track for (recessed mount)	Upper roller	End catch	Floor guide S
Item No.	FD35EV-TRM	FD35EV-TRH	FD35EV-WRM	FD35EV-TRM-HTST	FD50-BGR18
Item	 Hole pitch : 300 mm Pitch end : 30 mm		 2 pcs	 2 pcs	 1 pc
Accessories	-		Countersunk head tapping screw 4 × 40 . . . 3 pcs	-	Countersunk head tapping screw 4 × 20 4 pc
Remarks	Recommended screw: Countersunk head tapping screw 3.5×25		-	-	-

OPTIONAL PART	No.	⑤	⑥	⑦
	Name	Door bottom guide track	Spanner wrench	Track cleaner
	Item No.	FD30-HRBT1500SIL	FD35EV-WRM-SP8	FD30-TRC
	Item	 Hole pitch : 250 mm Pitch end : 30 mm		
	Accessories	-	-	-
	Remarks	Recommended screw: Countersunk head tapping screw 4×20	-	-

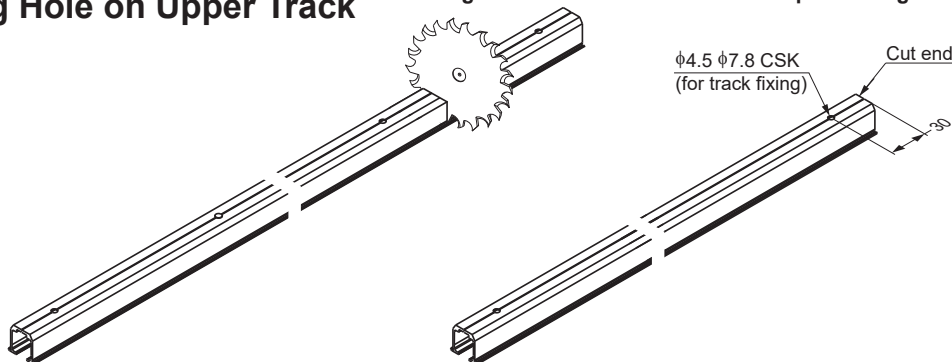
ASSEMBLY

(This describes installation of a single sliding door.)

1 Cutting and Providing Hole on Upper Track

Cutting

Hole processing

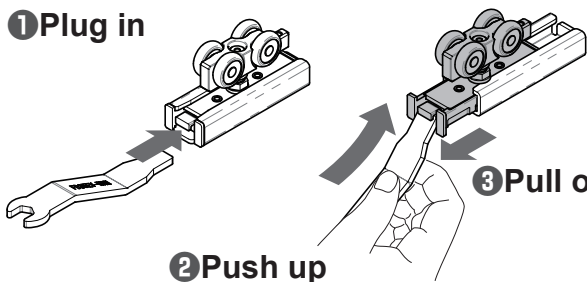


CAUTION

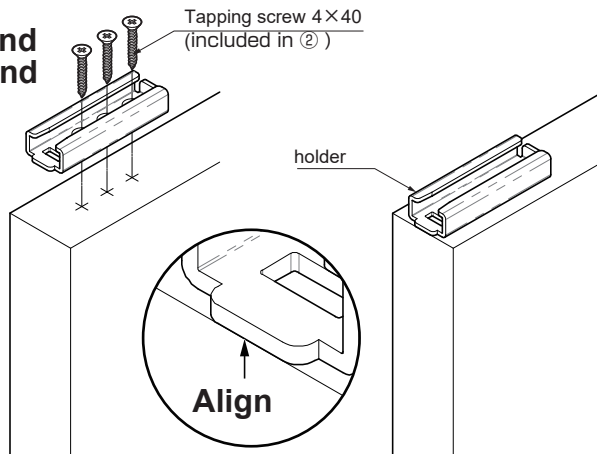
⚠ When cutting, reinforce the track to prevent deformation at the cut section.

2 Mounting Parts on Door

① Plug in

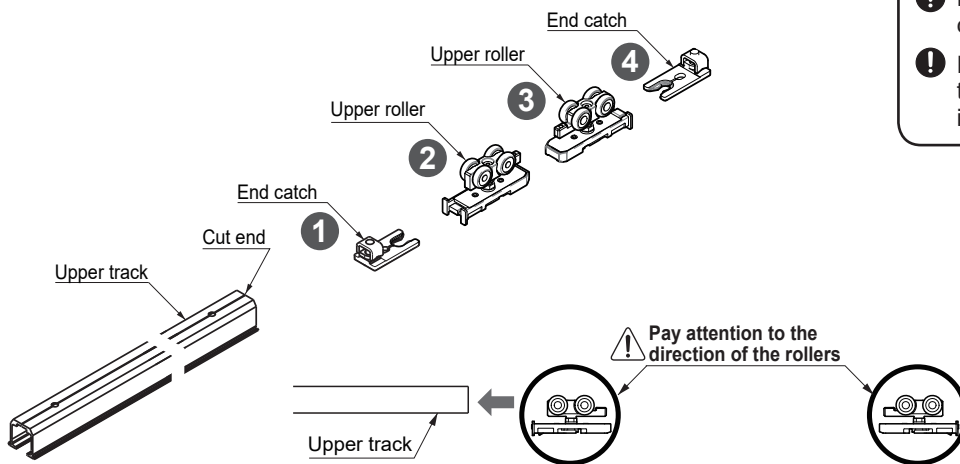


④ Align the door end and the holder end and fasten



3 Inserting Parts into Upper Track

Insert the parts in order from ① to ④ with care of direction.



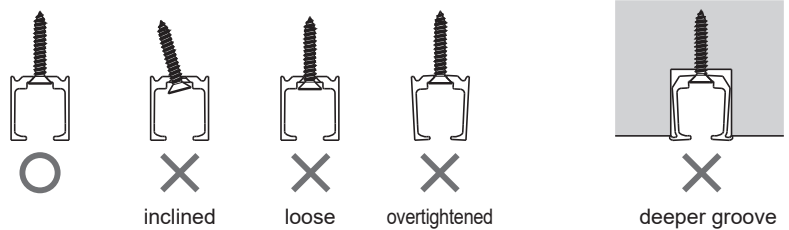
Caution

- Remove any dirt or aluminum chips from the track.
- Fasten bumper blocks temporarily to prevent the inserted parts from falling.

4 Mounting of Upper Track (Recommended screw: Countersunk head tapping screw 3.5×25)

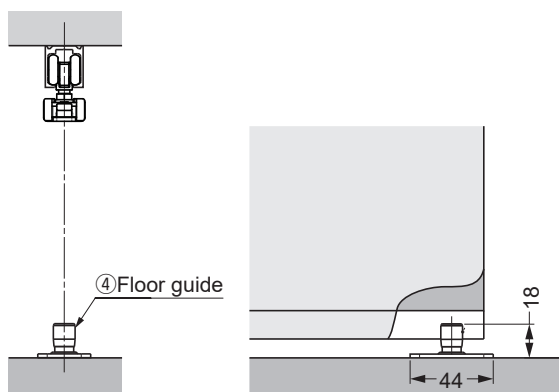
Caution

Be careful not to overtighten the screws and screw heads protruding on upper track. It may cause deformation of track.



5 Mounting of Floor Guide Temporarily

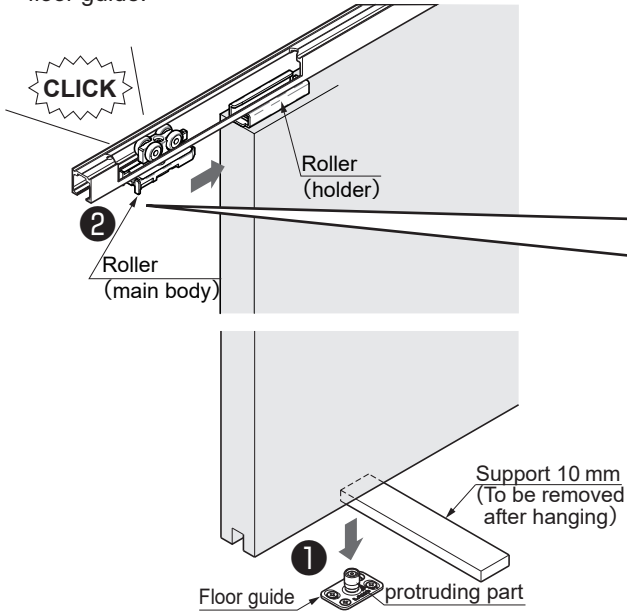
Position the floor guide below the center of the upper track so that it is covered by the door when it is opened and closed.



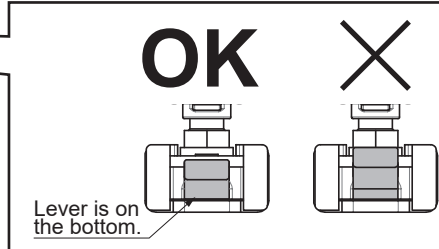
Temporarily fasten through the slotted holes with the provided screws.

6 Hanging Door

- ① Place a 10 mm support under the door.
- ② While holding the door, place the groove under the door on the protruding part of the floor guide.



CAUTION
Verify that the main unit is not dislocated from the casing, either of the door ends.

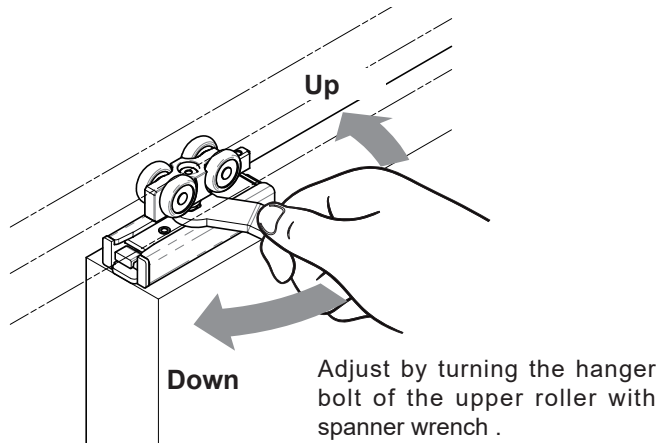
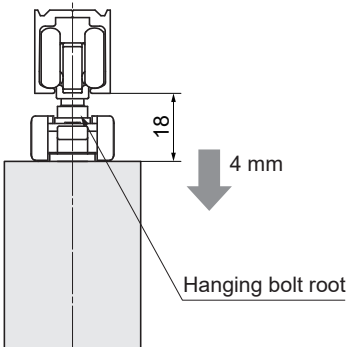


7 Adjustment of Door Height

Adjust door parallel to the upper track with 6 - 10 mm clearance between the door and floor.

Caution
Do not turn the adjustment screw beyond the adjustment range. It may cause damage

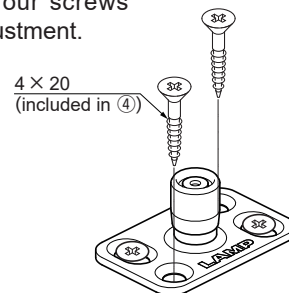
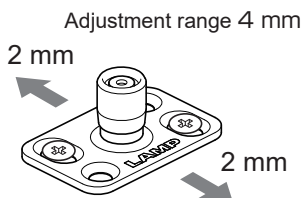
Adjustment range : 4 mm



8 Adjusting, Fastening the Floor Guide

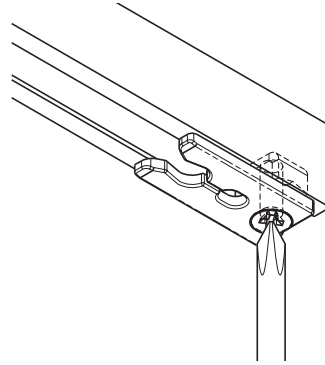
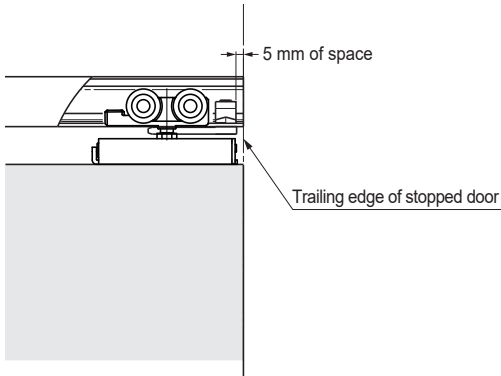
If the door movement is not smooth, remove the door, then adjust the floor guide forwards or backwards.

Tighten all four screws after the adjustment.



9 Fixing the End Catch Position

Fix the end catch 3 mm from the position where door stops.
Adjust the position of the end catch where it catches the hanger bolt of the roller when the door is stopped by the frame or door stopper.



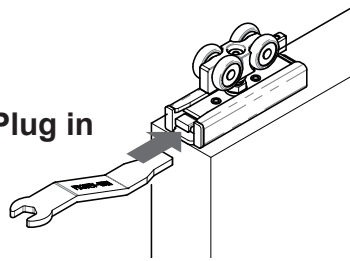
CAUTION
Do not overtighten the screw.
It may deform the part.

Appendix 1 How to remove door

Use a 10 mm support under the door.

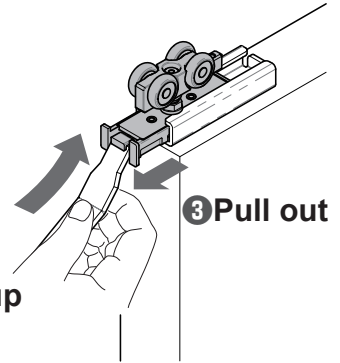
CAUTION
Pay attention not to let the door fall.

① Plug in



Insert the flat end of the spanner into the lever part of the upper roller. (A flat-blade screwdriver can be used as a substitute.)

② Push up



③ Pull out

PERIODICAL INSPECTION

- Clean inside of track.
- Check upper and lower space of the door. If necessary, adjust the space.

TROUBLESHOOTING

Trouble	Checkpoint	Solution
Abnormal noise during operation	Check if door bottom contacts the floor.	Verify that the track fixing screws are not loosened. Then, adjust the door height such that the clearance between the door bottom and floor is 6 – 10 mm.
	Check if door touches adjacent parts.	Adjust the position of floor guide to avoid contact with adjacent objects..
	Check track rollers for aluminum dust.	Remove the track, then pull out and clean the roller.
	Check for loose screws retaining the upper track.	Retighten screws to free the roller.
Heavy door operation	Check if door bottom contacts the floor.	Verify that the track fixing screws are not loosened. Then, adjust the door height such that the clearance between the door bottom and floor is 6 – 10 mm.
	Check if door touches adjacent parts.	Adjust the position of floor guide to avoid contact with adjacent objects..
Door does not move.	Check the track retaining screws for looseness.	Retighten screws to free the roller.
Door starts to move.	Check the upper track if it is set horizontally.	Using a level gauge, reset upper track horizontally.
End catch does not work properly.	Check if roller is installed correctly.	If a roller for the two-way soft closer (FD35EV-WRH) is installed by mistake, the jump prevention nut on the roller will interfere with the end catch. Replace it with the correct roller.

