

# LAMP® FD50-H SLIDING DOOR SYSTEM Installation Manual

(For Mortised, Drop or False Ceiling, with Surface Mount Rollers - with Dual Soft Close)

Part No.FD50DHCMP

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.

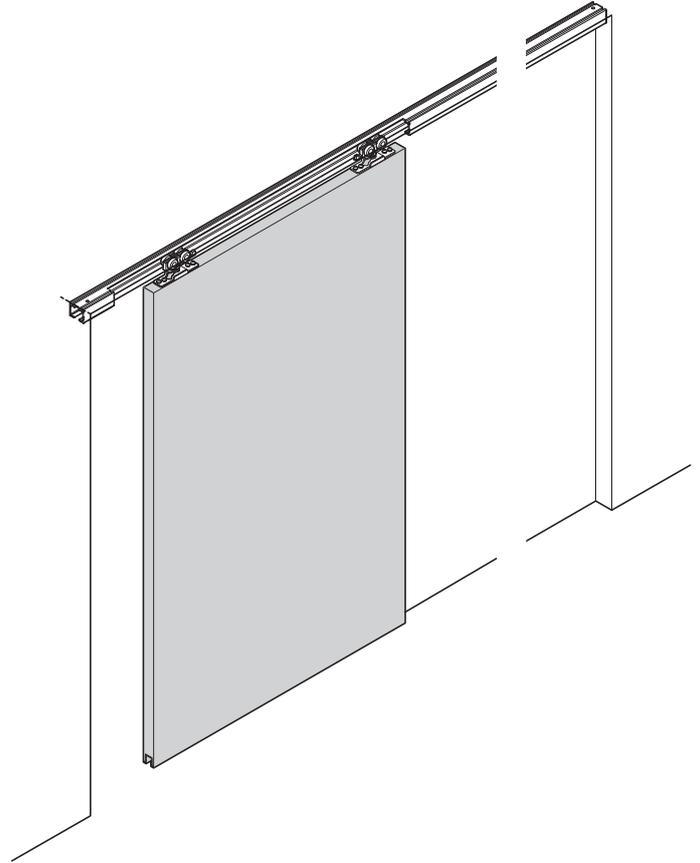
## ABOUT THE PRODUCT

- This product is a parts set for an indoor sliding door system for residential & commercial use.
- Built in soft closer enables two-way soft closing movement in both directions.
- The door can be installed without the use of tools.

## SPECIFICATIONS

Door height	Max.2400 mm	2401 - 2700 mm
Door width	774 - 1500 mm	800 - 1500 mm
Min. Door thickness	30 mm	
Max. Door weight	50 kg / door	
Vertical adjustment	4 mm upward, 4 mm downward	

- The closing speed of the soft closing type door may change depending on the ambient temperature, operating method or installation quality.
- Recommended ambient temperature range is 5 to 40 °C .



## FOR YOUR SAFETY AND CORRECT INSTALLATION

### Meaning of symbols

 <b>Warning Caution</b>	 <b>Prohibited</b>	 <b>Required</b>
--	---	---

### **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.

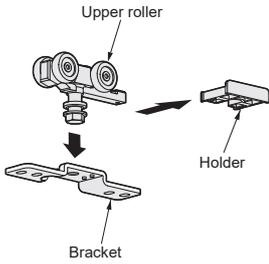
### **Caution: If not followed, injury or damage may result.**

- ❗ 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).



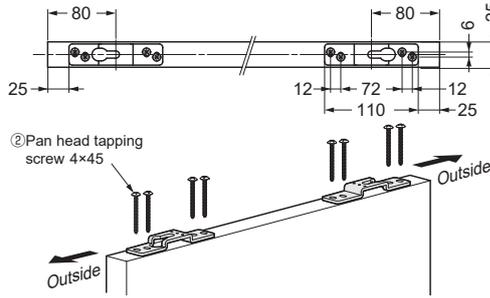
## [2] Installing Bracket

### 1 Disassemble



### 2 Fastening

- 1 Pay attention to setting the direction of the bracket. The open part of the bracket should face in the outside direction.

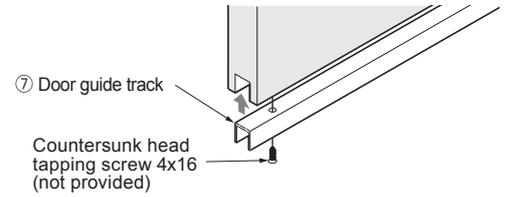


## [3] Installation of Door Guide Track

Cutting length = Door width

### Caution

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



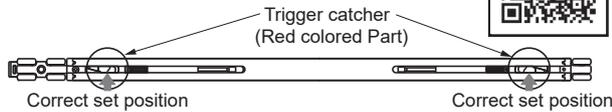
## [4] Verification Before Installing Soft Closer

### Caution

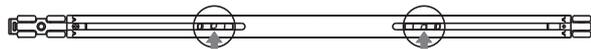
- 1 Without verification, the self closing feature may fail.



OK



X



If the position is wrong, pull back the trigger catcher to the correct position using a 6 mm diameter round bar.

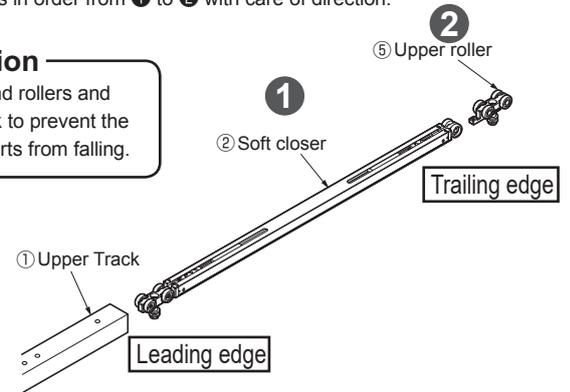


## [5] Inserting parts into Upper Track

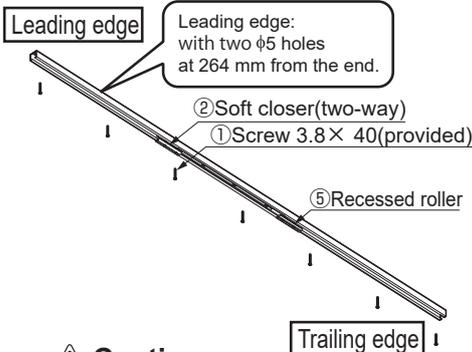
Insert the parts in order from 1 to 2 with care of direction.

### Caution

- 1 Tape around rollers and upper track to prevent the inserted parts from falling.



## [6] Mounting of Upper Track

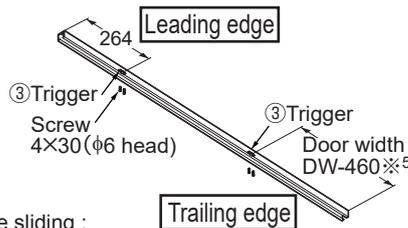
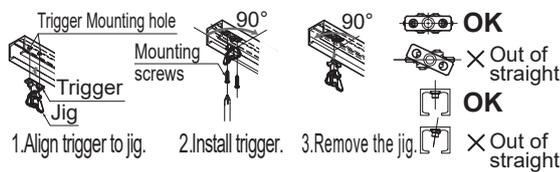


### Caution

- 1 Remove any dirt or aluminum chips from the track.

## [7] Fastening of Trigger

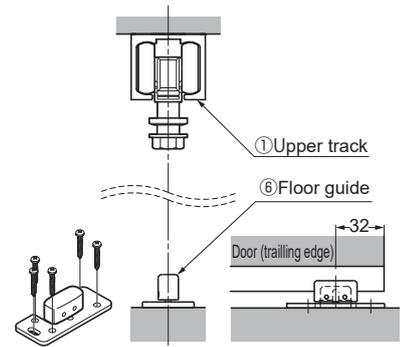
How to use the trigger mounting jig



※<sup>5</sup> Double sliding :  
DW + DN - 460

## [8] Mounting of Floor Guide

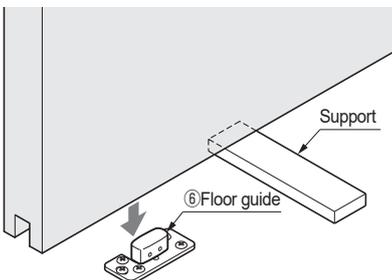
- 1 Position floor guide just below the center of the upper track.
- 2 position the floor guide so that its protruding part stays under the door when it is opened or closed.



## 2 Hanging the Door and Adjustment

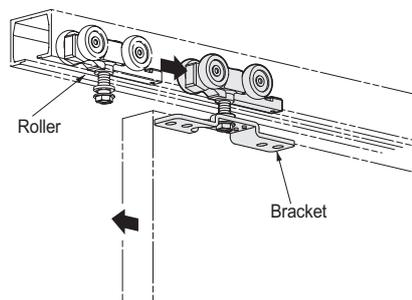
### [1] Hanging (Bottom part)

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



### [2] Hanging (Top part)

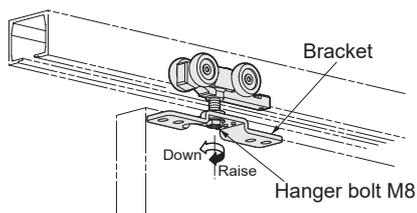
Insert the roller into the bracket as shown in the drawing below.



### [3] Adjusting Door Position

#### 1 Adjustment of door height

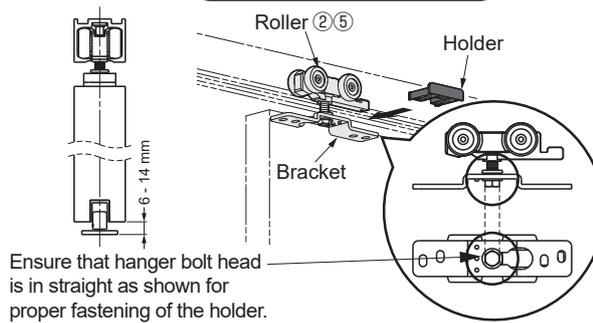
- (1) Remove the 10 mm support under the door.
- (2) Adjust the door parallel to the upper track with 6 - 14 mm of clearance between the door and floor.



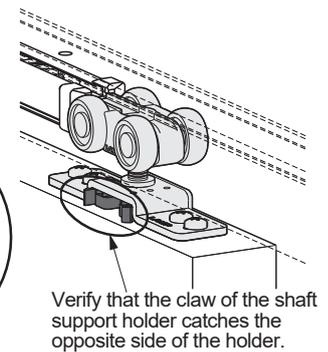
#### 2 Inserting holder

Vertical adjustment range: 8 mm

**Caution**  
Do not turn adjustment screw more than adjustment range.

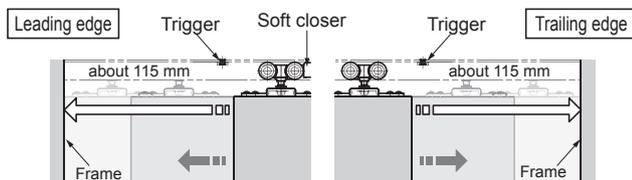


#### 3 Verification of holder



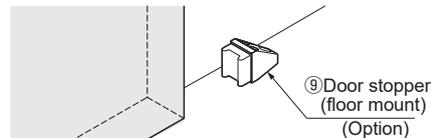
### [4] Verification of Sliding Door Operation

- (1) Close the door slowly and check that the soft closer works correctly. The soft closer is engaged approximately 115 mm at the leading edge before the door reaches its final position.
- (2) Carry out similar verification for the door trailing edge.
- (3) Please refer to the "TROUBLESHOOTING" section when the soft closer does not work correctly.



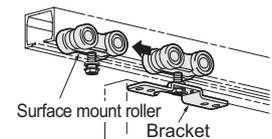
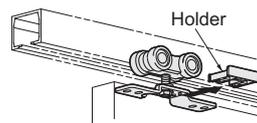
#### When Vertical Frame is not Used

When a vertical frame is not used, use a door stopper<sup>9</sup> of option



#### How to Remove Door

- (1) Put a 10 mm support under the door.
- (2) Pull out the holder.
- (3) Pull out the upper roller from the bracket.



- (4) Remove the door from the floor guide.

#### PERIODICAL INSPECTION

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

## TROUBLESHOOTING

Trouble	Check Point	Solution
Door stops during soft closing	Check if door bottom contacts the floor.	Verify that the track mounting screws are not loosened. Then, adjust the door height such that the clearance between the door bottom and floor is 6 - 14 mm.
	Check if the upper track is set horizontally.	Using a level gauge, reset the upper track horizontally.
	Check if mohair seal is installed.	Reduce the friction between the mohair seal and door.
The door doesn't close softly	Check if trigger is installed.	Install trigger to specified position.
	Check if door is closed by excessive force.	Do not close door by excessive force as it may damage the soft closer.
	The position of the trigger catcher in page 3 section [4] may become dislocated. (It is hidden as installed in upper track.)	Remove the door and the upper track, then check the status of the trigger catcher in section [4].
Abnormal noise during operation	Check if door bottom contacts the floor or floor guide.	Verify that the track mounting screws are not loosened. Then, adjust the door height such that the clearance between the door bottom and floor is 6 - 14 mm.
	Check if door touches adjacent parts.	Adjust the door depth position to avoid contact with other objects or adjust the position of floor guide.
	Check track rollers for aluminum dust.	Remove the track, then pull out and clean the roller.
	Check the track mounting screws for looseness.	Retighten the screws to free the roller.
Heavy door operation	Check if door bottom contacts the floor or floor guide.	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 - 14 mm.
	Check if door touches adjacent parts.	Adjust the door depth position to avoid contact with other objects or adjust the position of floor guide.
Door does not move.	Check the upper track retaining screws for looseness.	Retighten the screws to free the roller.
Door starts to move.	Check if the upper track is set horizontally.	Using a level gauge, reset the upper track horizontally.

**SUGATSUNE KOGYO CO., LTD**  
Tokyo, JAPAN  
Phone: +81 (0)3 3866 2260 E-mail: export@sugatsune.co.jp

**SUGATSUNE KOGYO (UK) LTD**  
Reading, UK  
Phone: +44 118 9272 955 E-mail: sales@sugatsune.co.uk

**SUGATSUNE EUROPE GmbH**  
Düsseldorf, GERMANY  
Phone: +49 211 53812900 E-mail: sales@sugatsune.eu

ISO9001(Japan Offices and Sugatsune America) and ISO14001(Chiba Production division and Logistics center), certified.

**SUGATSUNE SHANGHAI Co., LTD**  
Shanghai, CHINA  
Phone: +86 21 3632 1858 E-mail: lamp@sugatsune.com.cn

**Guangzhou, CHINA**  
Phone: +86 20 6639 3552 E-mail: lamp@sugatsune.com.cn

**SUGATSUNE AMERICA, INC**  
California, USA  
Phone: +1 310 329 6373 E-mail: sales@sugatsune.com

**Illinois, USA**  
Phone: +1 630 317 7072 E-mail: sales@sugatsune.com

**SUGATSUNE KOGYO INDIA PRIVATE LIMITED**  
Mumbai, INDIA  
Phone: +91 22 28314490/91 E-mail: sales@sugatsune.in

**SUGATSUNE CANADA, INC.**  
Phone: +1 514 312 5267 E-mail: support@sugatsune.ca

2022.03 0593-7