

LAMP® DAMPER CATCH DC SERIES INSTALLATION MANUAL (DC-90, DC-90G, DC100, DC-100G)

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.

DOOR SPECIFICATION

Parts No.	Max. Door Width	Max. Door Height	Glass thickness	Door Weight
DC-90	450	600	—	1 – 4kg
DC-90G	450	600	5	1 – 4kg
DC-100	600	800	—	1.5 – 7kg
DC-100G	600	800	5	1.5 – 7kg

FOR YOUR SAFE WORK AND CORRECT INSTALLATION

Meaning of symbols



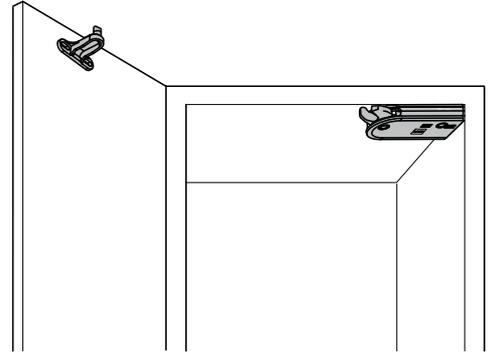
Warning
Caution



Prohibited



Required



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

- Ⓜ The product is designed for indoor use.
- Ⓜ Temperature range: 10 to 40°C, Humidity: less than 90%
- Ⓜ Do not use it for any purpose other than cabinet.
- Ⓜ Do not use excessive force to the damper. It may cause damage.
- Ⓜ This product is a part for furniture. After installation, please check the function and safety of the final product.
- Ⓜ Use the hinges without catch.

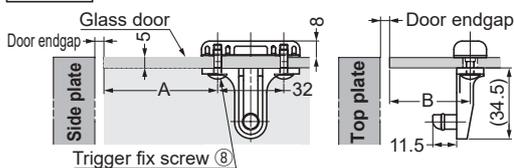
COMPONENT PARTS (The main body shows DC-90 type and DC90G type.)

Name / Item No.	① Main body	② Trigger	③ Trigger positioning jig	④ Main unit fix screw Truss head tapping screw 4×30※	⑤ Trigger fix screw Truss head tapping screw 4×16	⑥ Face plate	⑦ Spacer	⑧ Trigger fix screw Truss head screw M4×12
DC-90	1 pc	1 pc	1 pc	2 pcs	2 pcs	—	—	—
DC-90G	1 pc	1 pc	1 pc	2 pcs	—	1 pc	1 pc	2 pcs
DC-100	1 pc	1 pc	1 pc	2 pcs	2 pcs	—	—	—
DC-100G	1 pc	1 pc	1 pc	2 pcs	—	1 pc	1 pc	2 pcs

※for wood top plate (20mm thick)

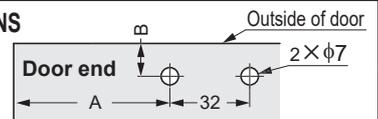
INSTALLATION DRAWING

DC-90 For inset door (glass)

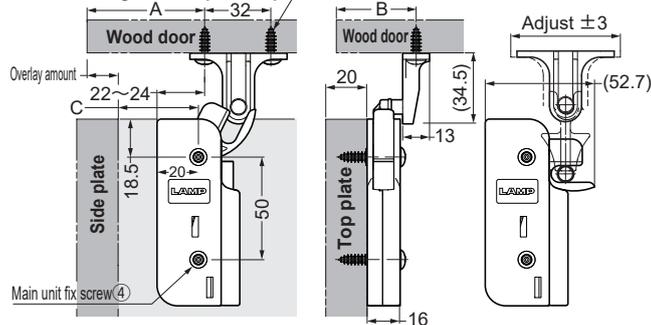


GLASS PROCESS DIMENSIONS

(DC-90G AND DC-100G)
Prepare hole as shown right.

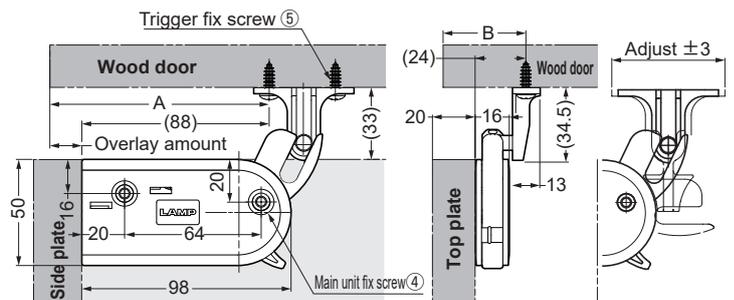


For overlay door (wood)



DC-100 For overlay door (wood)

(For an inset door, refer to the upper left figure.)



Mount position	A	B
Inset door	C – door end gap + 3	24 – door end gap
overlay door	C + overlay + 3	overlay + 24

C: 100 to 200 mm

Glass process dimensions	A	B
Inset door	88 – door end gap	24 – door end gap
overlay door	88 + overlay amount	Overlay amount + 24

INSTALLATION PROCEDURE

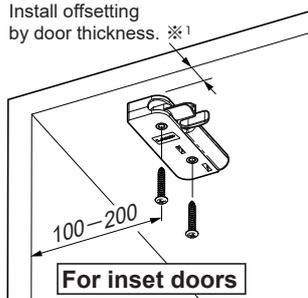
(right-side installation is shown. Left - side installation is symmetrically opposed)

DC-90, DC-90G

1 Mounting the main body

Mount the main body ① with the screws ⑤.

※1 In case of overlay door, it is 0 mm.

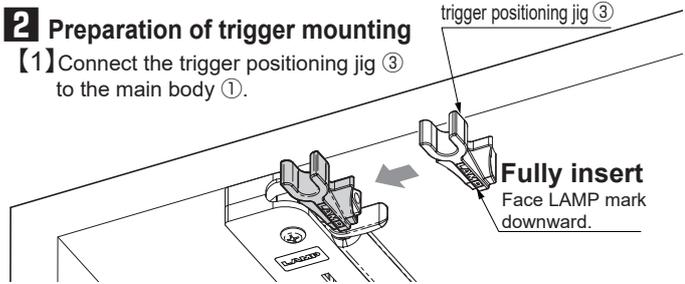


⚠ Do not overtighten the screws.
When using M4 screw : 1~1.5 N·m

For inset doors

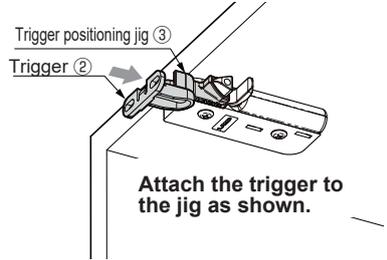
2 Preparation of trigger mounting

① Connect the trigger positioning jig ③ to the main body ①.



Fully insert
Face LAMP mark downward.

② Insert the trigger ② into the trigger positioning jig ③.



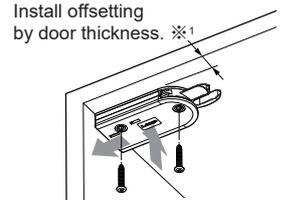
Attach the trigger to the jig as shown.

DC-100, DC-100G

1 Mounting the main body

Mount the main body ① with the screws ⑤.

※1 In case of overlay door, it is 0 mm.



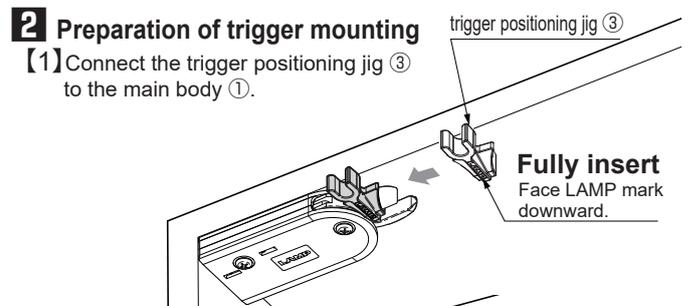
⚠ Do not overtighten the screws.
When using M4 screw : 1~1.5 N·m

Fit main body ① onto the top and side panels.

For inset doors

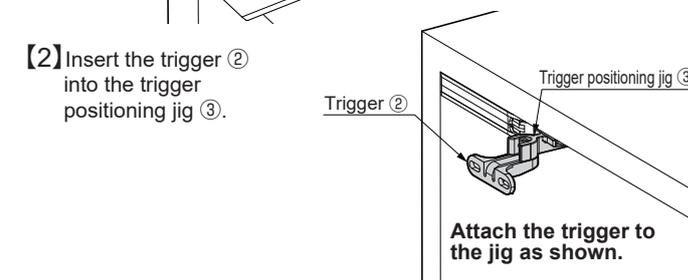
2 Preparation of trigger mounting

① Connect the trigger positioning jig ③ to the main body ①.



Fully insert
Face LAMP mark downward.

② Insert the trigger ② into the trigger positioning jig ③.



Attach the trigger to the jig as shown.

3 Positioning the trigger

Please check the procedure below for correct mounting position of the trigger ② on the door.

① Slowly close the door so that the door comes into contact with the trigger.



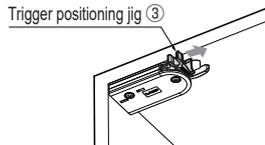
② While holding the trigger, open the door. Then mark the position for the trigger mounting hole.



Double-sided tape may help the positioning of the trigger. Please remove the tape before fastening.

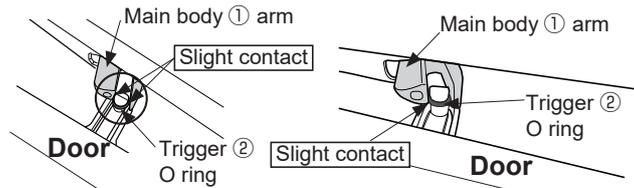
4 Mounting and adjusting the trigger

Mount trigger ② with one trigger fix screw ⑤. After, adjusting to best position, fix the trigger with another screw ⑤.



Trigger fix screw ⑤

Remove the jig to position the trigger ②.

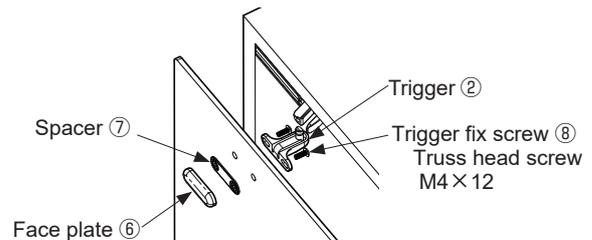


Horizontal adjustment:
Adjust trigger position so that the main body's arm ① slightly contacts the trigger O ring ②.

Vertical adjustment:
Adjust trigger position so that the main body's arm ① slightly contacts the trigger O ring ② at a lower position.

5 Mounting on a glass door (Illustration shows DC-100G type.)

Mount the trigger onto the glass door which has two drilled holes as shown on the right. For adjustment, refer to section 4 "Mounting and adjusting the trigger".



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 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

Chicago, USA
Phone: +1 312 461 1081 E-mail:chicago showroom@sugatsune.com.

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

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

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

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