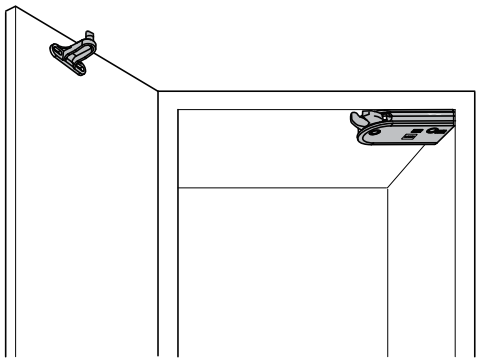
LAMP® DAMPER CATCH DC SERIES INSTALLATION MANUAL (DC-90, DC-90G, DC100, DC-100G)

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.

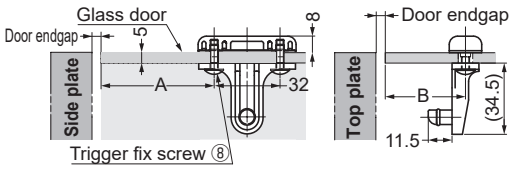
COMPONENT PARTS (The main body shows DC-90 type and DC90G type.)

Name / Item No.	①Main body	②Trigger	③Trigger positioning jig	④Main unit fix screw Truss head tapping screw 4×30※	⑤Trigger fix screw Truss head tapping screw 4×16	⑥Face plate	⑦Spacer	⑧Trigger fix screw Truss head scew 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

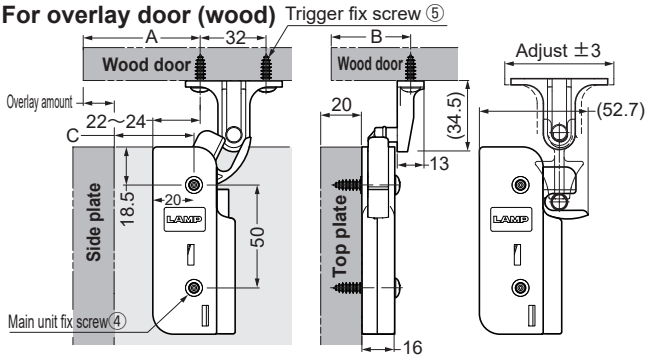
※for wood top plate (20mm thick)

INSTALLATION DRAWING

DC-90 For inset door (glass)



For overlay door (wood)

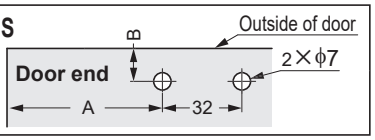


Mount position	A	B
Inset door	C− door end gap +3	24 − door end gap
overlay door	C+ overlay +3	overlay + 24

C:100 to 200 mm

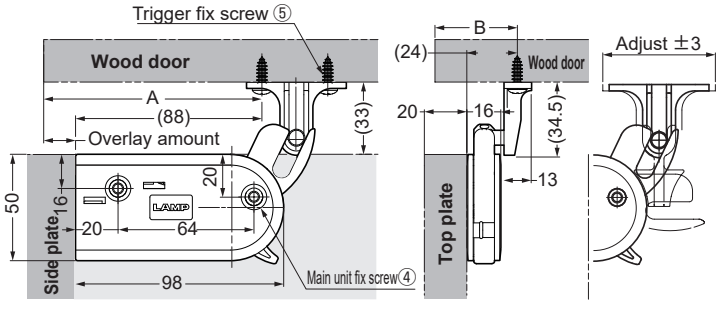
■GLASS PROCESS DIMENSIONS

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



DC-100 For overlay door (wood)

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



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

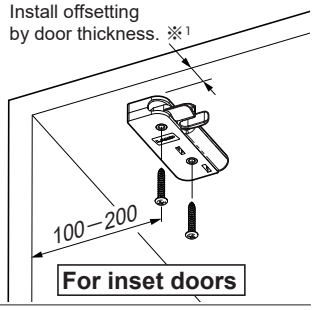
SUGATSUNE

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

DC-90, DC-90G

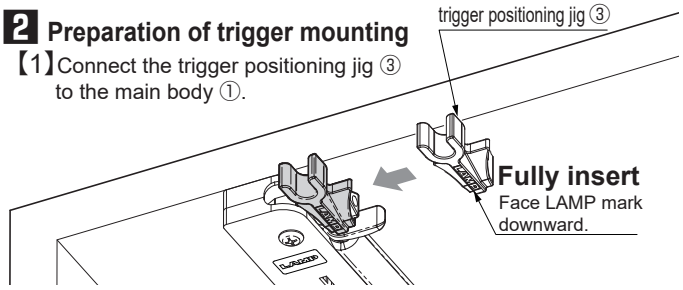
1 Mounting the main body
Mount the main body ① with the screws ⑤.

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

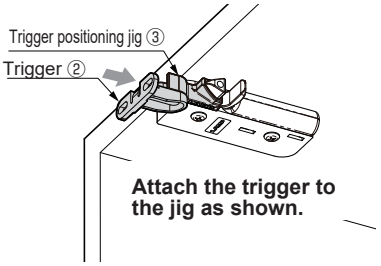


⚠**Do not overtighten the screws.**
When using M4 screw：**1～1.5 N·m**

2 Preparation of trigger mounting
【1】Connect the trigger positioning jig ③ to the main body ①.



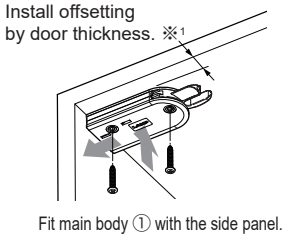
【2】Insert the trigger ② into the trigger positioning jig ③.



DC-100, DC-100G

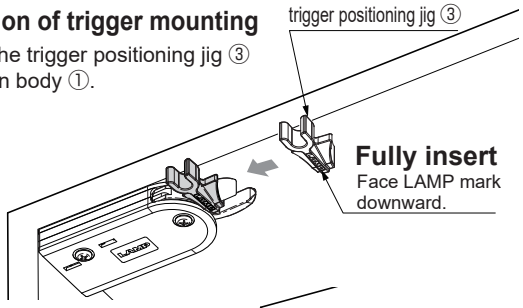
1 Mounting the main body
Mount the main body ① with the screws ⑤.

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

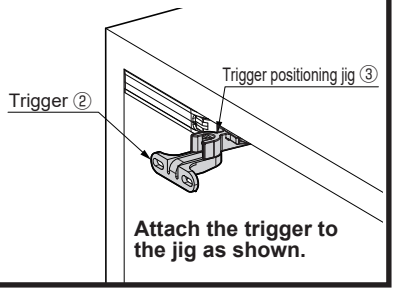


⚠**Do not overtighten the screws.**
When using M4 screw：**1～1.5 N·m**

2 Preparation of trigger mounting
【1】Connect the trigger positioning jig ③ to the main body ①.

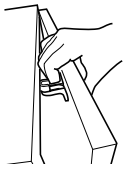


【2】Insert the trigger ② into the trigger positioning jig ③.



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

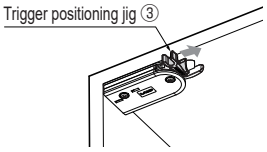
【1】Slowly close the door so that the door cones into contact with the trigger.

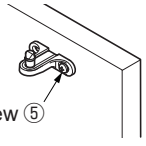


【2】While holding the trigger, open the door.
Then mark the position for the trigger mounting hole.

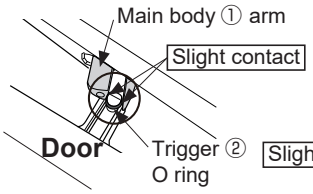
Double-sided tape may help the positioning of the trigger. Please remove the tape before fastening.

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.

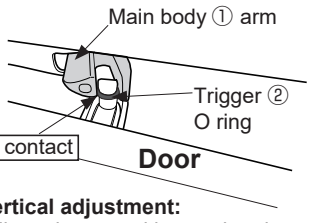




Remove the jig to position the trigger ②.

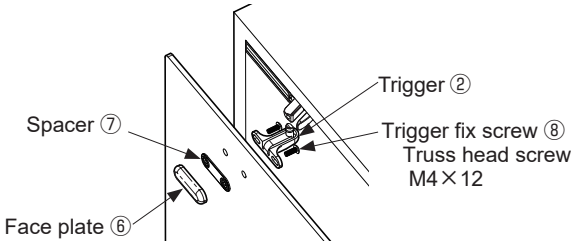


Horizontal adjustment:
Adjust trigger position so that the main body`s arm ① slightly contacts the trigger O ring ②.



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.
Manufacturer of LAMP brand products

Please find the contact information for your local area using the QR code.

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