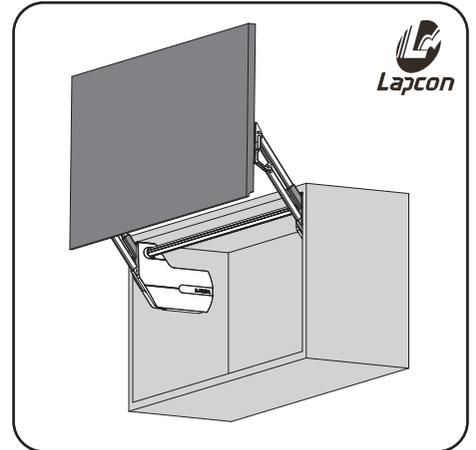


Dear Customer:

SLU-ELAN stay was designed and manufactured with Sugatsune's utmost care in order to give you a high performance and smooth operation on a long-term basis. We ask you to follow these instructions for best possible results and carefree use throughout its lifetime.

Safety recommendations:

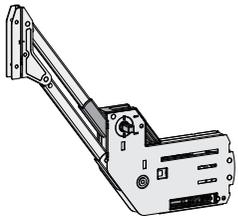
- Sugatsune recommends for the installation to be made by a professional carpenter or installer.
- SLU-ELAN stay contains some very strong springs: for your own safety, do not fold the arm before it is securely attached to the door. Failure to observe this advice may lead to bodily injury.
- Do not disassemble the arm or body of the stay.
- Please use this stay only within the specifications shown on page 2.
- Standard temperature of use is 0 to 40°C.
- Make sure to install the connecting bar (sold separately) as this item will not function without it.



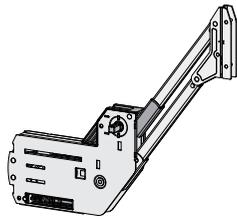
Warranty

- SLU-ELAN stay was produced with a particular attention to its quality. Should you however experience any difficulty, please refer to your local supplier or Sugatsune Export Department (export@sugatsune.co.jp).
- The liability of Sugatsune is limited to the replacement or repair of the stay itself. Sugatsune cannot accept any liability for damage incurred while using this stay.
- Standard warranty is for a one-year period from the date of shipment.

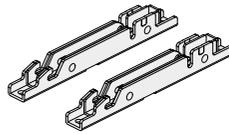
Parts list



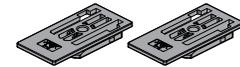
■ Body (left) : 1 piece



■ Body (right) : 1 piece



■ Mounting plate : 2 pieces



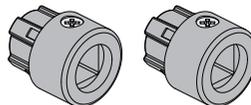
■ Guide plate : 2 pieces



■ Body cover(left) : 1 piece



■ Body cover(right) : 1 piece



■ Connecting Bar cover caps : 2 pieces



■ Connecting Bar (sold separately) : 1 piece



■ Side cover(left) : 1 piece



■ Side cover(right) : 1 piece



■ Body installation screws (3.5×38) : 6 pieces



■ Mounting plate and Guide plate installation screws (3.5×15) : 6 pieces

■ Installation instructions · Japanese version : 1 piece, English version(this book) : 1 piece

Specifications

· SLU-ELAN specifications are applicable in the list below. The application range is for information purpose only. We recommend that all installations be tested thoroughly.

■ Door size

| | |
|-------------|---------------|
| Door weight | 5~11 kg |
| Door height | 390~500mm (※) |
| Door width | MAX 1500 mm |

※ Minimum cabinet inside height is 360mm.

■ SLU-ELAN specifications

| Door weight | Combination |
|-------------|-------------|
| 5~6.5 kg | SLU-ELAN-S4 |
| 6.5~8 kg | SLU-ELAN-L4 |
| 8~9.5 kg | SLU-ELAN-M4 |
| 9.5~11 kg | SLU-ELAN-H4 |

- ※ Select the Door weight range applicable on the list above.
- ※ Range applicable for a pair of SLU-ELAN.
- ※ Weight of the door should include the handle.

■ Connecting Bar(sold separately) specifications

| Cabinet width | Inside dimension | Combination |
|---------------|------------------|-------------|
| 600 mm | 556~566 mm | ELB-480 |
| 900 mm | 856~866 mm | ELB-780 |
| 1200 mm | 1156~1166 mm | ELB-1080 |
| 1500 mm | 1456~1466 mm | ELB-1380 |

※ For dimensions other than mentioned above procure a longer bar & cut to required dimension.

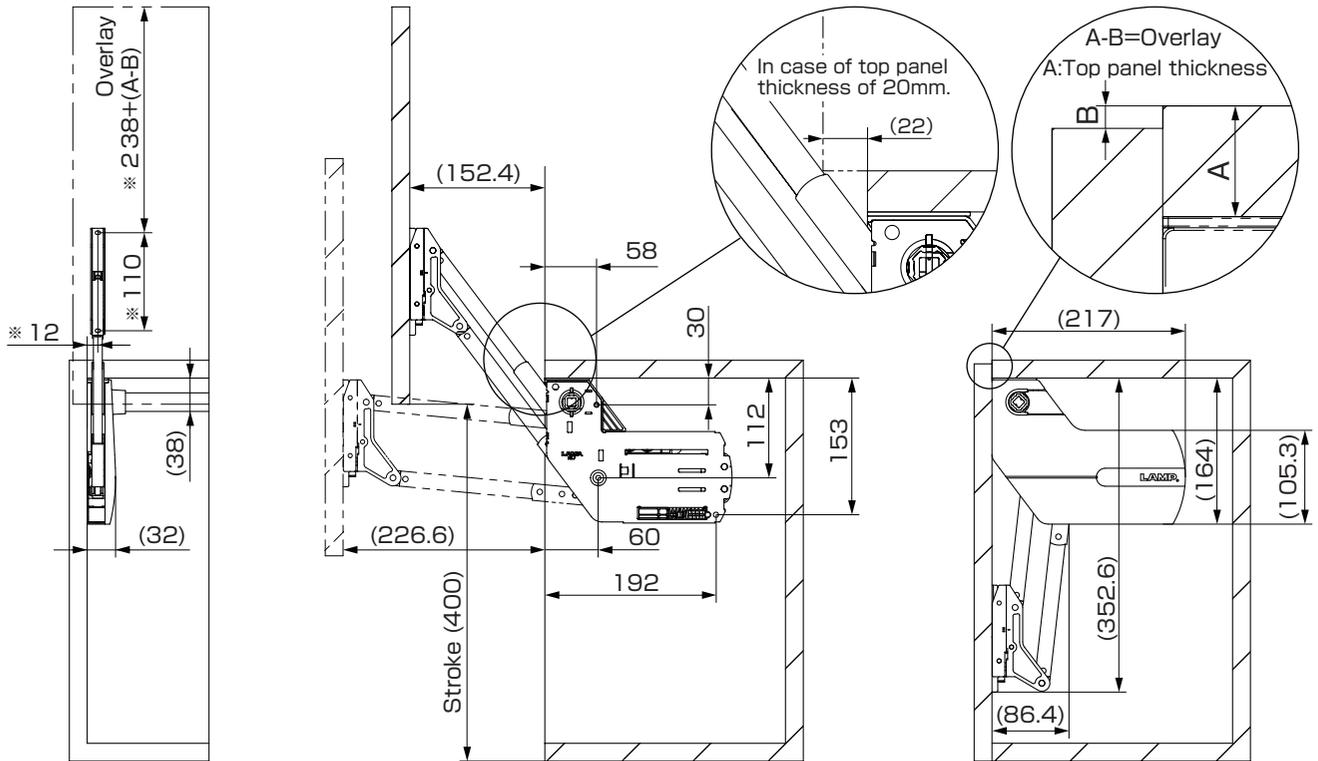
[Connecting Bar Size =

Cabinet Inside Width - 80mm]

Installation drawing

※ Distance from the edge of the door to the centre of mounting plate hole.

Unit : mm

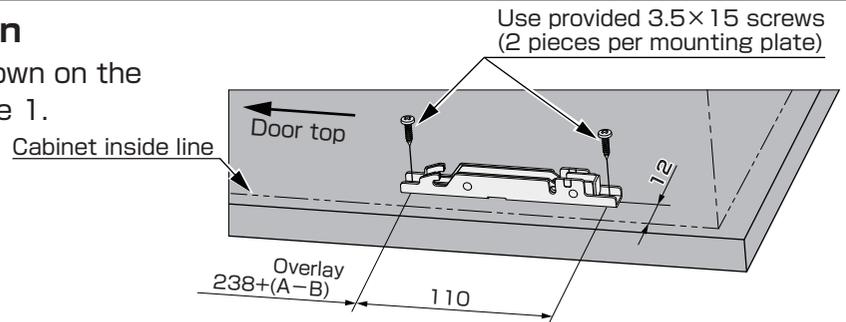


· In case of inline top & bottom doors, make sure to leave a gap of more than 3mm (if door thickness is 16 ~ 22mm).

Installation

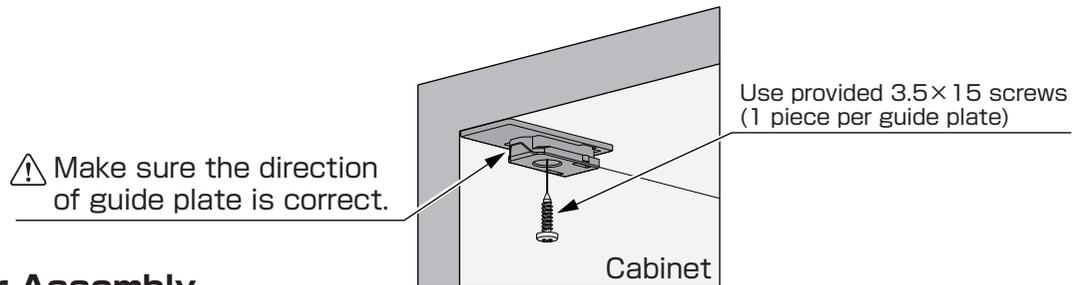
1 Mounting plate installation

Install the mounting plates as shown on the drawing at the bottom left of Page 1.



2 Guide plate installation

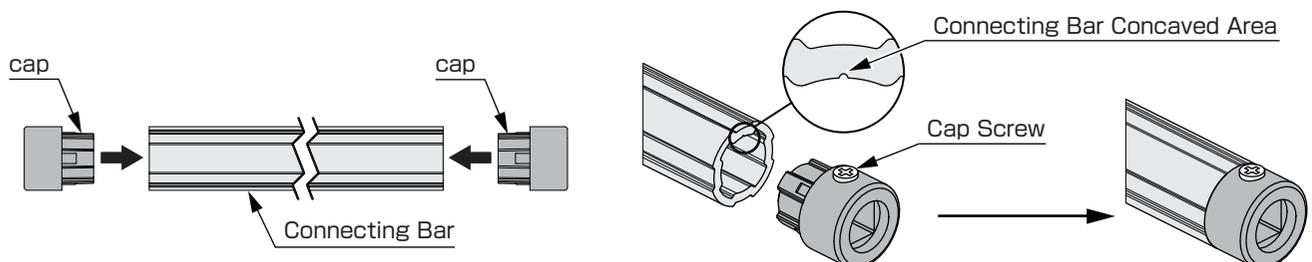
Install guide plates inside the cabinet each on left & right side. Place the guide plate in upper corner, flush to the front edge of the cabinet and screw as shown below.



3 Connecting Bar Assembly

Install caps on both ends of connecting bar. As shown below match the position of the screw on the cap & the concaved area on the connecting bar, and push the cap to install without leaving any space in between.

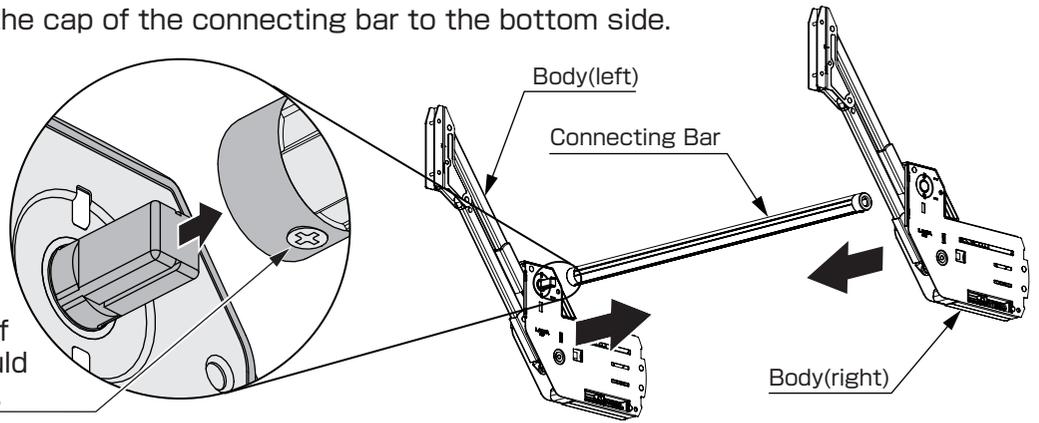
※ Note the cap will not install if the direction of the cap & connecting bar does not matches.



4 Temporary Assembly of Body

Assemble the connecting bar with body (left & right) as shown in the drawing, keeping the screw on the cap of the connecting bar to the bottom side.

⚠ Check the direction of the cap screw it should be facing the bottom.



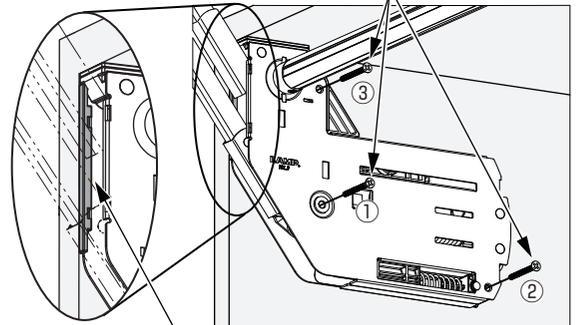
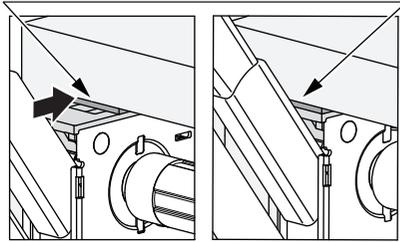
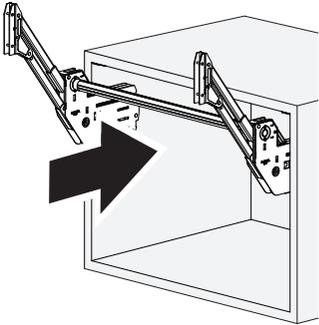
5 Body installation

Follow the below steps to install body in the cabinet.

Move the temporarily installed body & connecting bar inside the cabinet.

Use provided 3.5×38 screws (3 pieces)

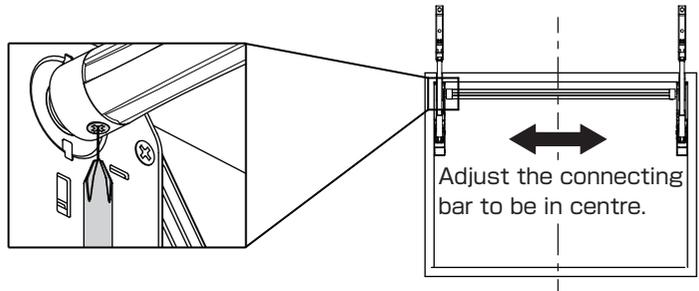
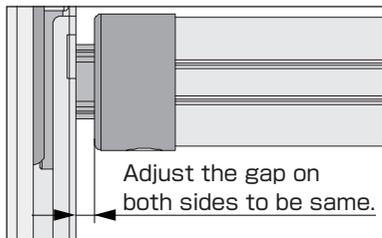
Align the grooves of the guide plate with body and push till the body is flush with the cabinet front edge.



Make sure the body is flush with side panel & there is no gap.

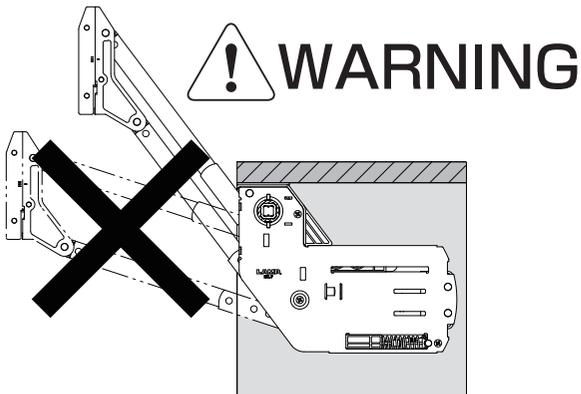
6 Fixing of Connecting Bar

Adjust the connecting bar to be in centre of the cabinet & tighten the cap screw as shown.

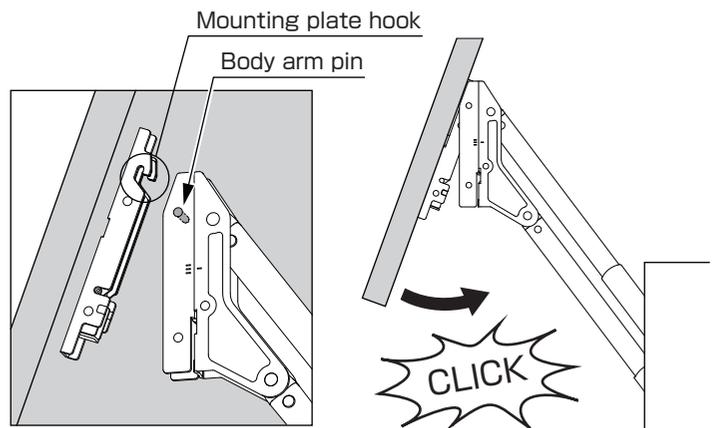


7 Door installation

Hook the mounting plate on the arm pin both on left & right side simultaneously. Push the bottom of the door as shown below until the mounting plate is firmly clipped to the arm. Ensure that the door is securely fastened to the arm.



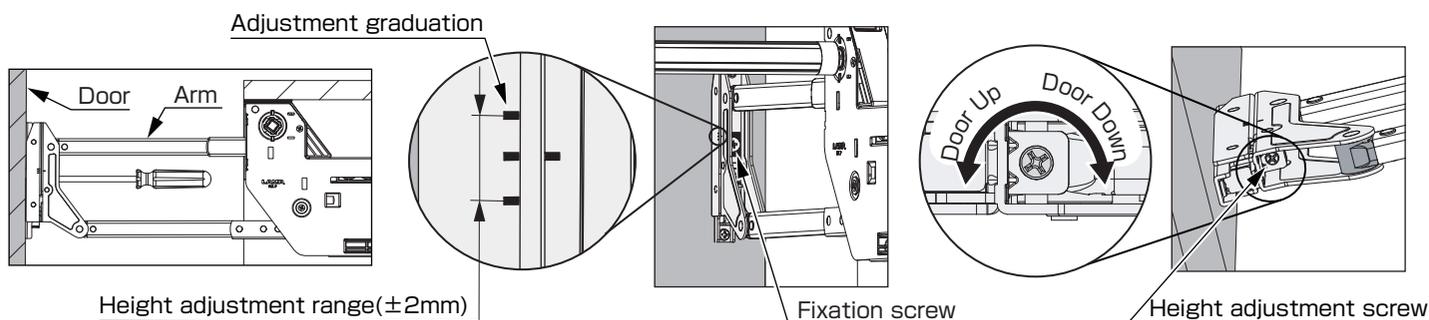
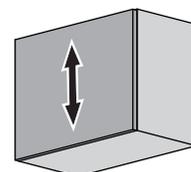
⚠ Do not pull the arm down as it will spring back up violently and may cause serious injuries.



8 Door adjustment

«Height adjustment»

- ① Lower the door to bring the arms in level as shown below.
- ② Loosen fixation screw.
- ③ Adjust height by turning the height adjustment screw as shown below.
A graduation is visible on the side of the mounting plate to show height adjustment.
- ④ Re-tighten fixation screw firmly.

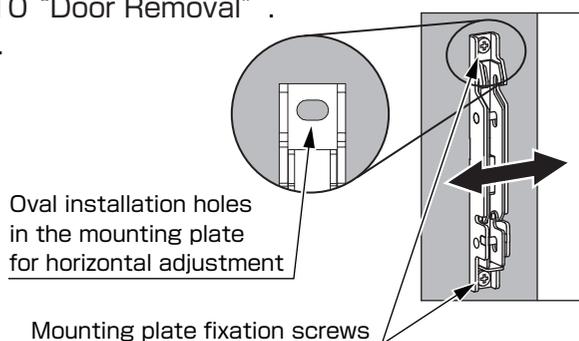
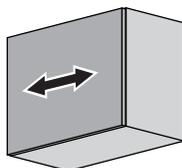


- ⚠ Ensure that the fixation is securely fastened.
- ⚠ Always loosen fixation screw before attempting to adjust the height. Failure to do so will damage the mounting plate.
- ⚠ Always adjust the height with a manual screwdriver. Never use an electrical one.
- ⚠ When adjusting the height, do not exceed the range shown on the graduation on the side of the mounting plate.

«Horizontal adjustment»

- ① Take off the door as shown below in point no. 10 "Door Removal".
- ② Loosen the mounting plate installation screws.
- ③ Adjust mounting plate position as needed.
- ④ Tighten mounting plate installation screws.

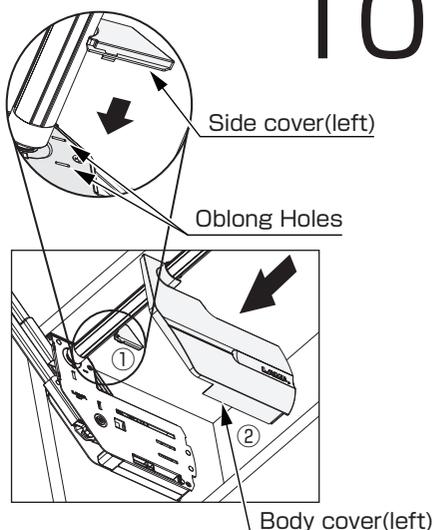
Horizontal adjustment range : ± 1 mm



- ⚠ Ensure that all screws are securely fastened.
- ⚠ Ensure that both mounting plates are moved similarly in order to keep the correct mounting pitch.

9 Cover installation

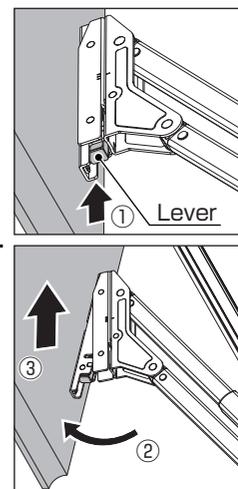
- ① Fix the side cover on Left & Right.
Align the side cover on the oblong holes as shown & push to fix.
- ② Fix the body cover on Left & Right.
Align the body cover on the oblong holes as shown & push to fix.



10 Door removal

- ① Push the release lever.
- ② Lift the bottom of the door.
- ③ Slide the door upwards to unhook it.

※ Follow the procedure for left & right side simultaneously.



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