

Savaria® **Luma**

Through-floor lift

INSTALLATION GUIDE



Disclaimer

Savaria Concord Lifts, Inc. disclaims liability for any personal injury or property damage resulting from the operation of a product that has been modified from the original Savaria design. No person or company is authorized to change the design of this product without written authorization by Savaria.

Standard notations

The following notations may be used throughout this guide to emphasize important safety information, mechanical concerns, and other important information. Please review and follow all of these messages.

	NOTICE Notations provide information such as reminders, warnings, or additional guidelines that do not fit into the flow of the installation.
	CAUTION Indicates potential problematic situations that could result in damage to the product.
	WARNING Indicates a potentially hazardous situation that, if not avoided, could result in serious injury or death ELECTRICAL SHOCK HAZARD Do not connect or disconnect wiring while the power is on. Before servicing, disconnect all power to the equipment. Savaria is not responsible for any modifications of the product made by the user. Do not allow unqualified personnel to use equipment. Failure to comply could result in death or serious injury. Maintenance, inspection, and replacement of parts must be performed only by authorized personnel familiar with installation, adjustment, and maintenance.
	DANGER Be aware that during the installation, service and maintenance of this equipment, you could or will be exposed to unsafe crushing, shearing and falling hazards.

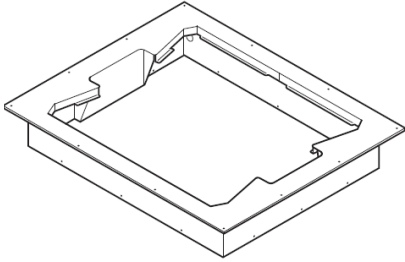
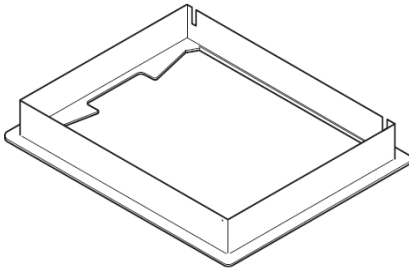
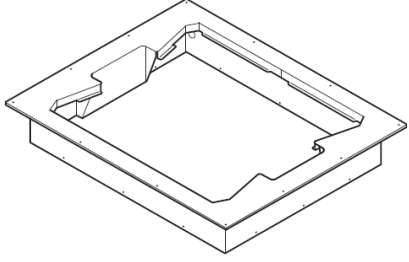
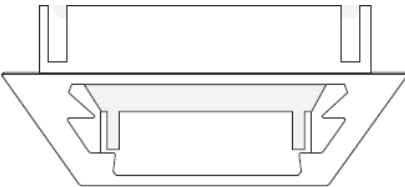
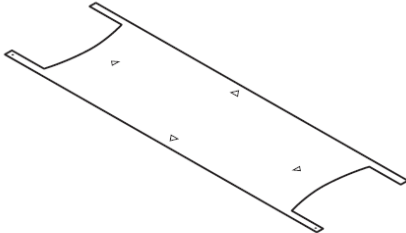
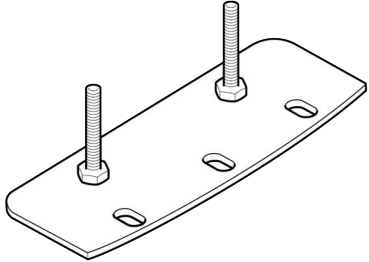
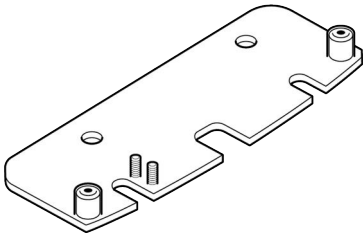
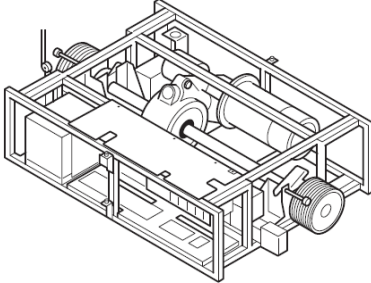
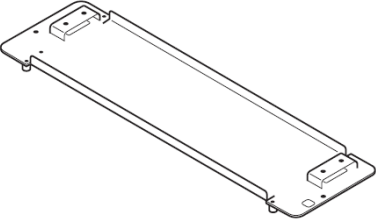
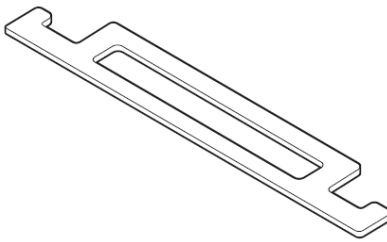
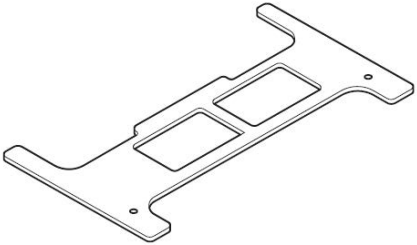
Revision history of this guide

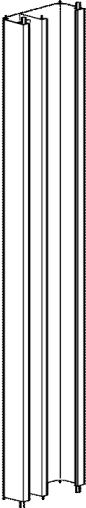
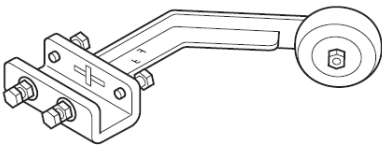
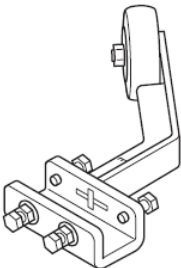
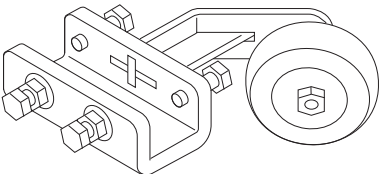
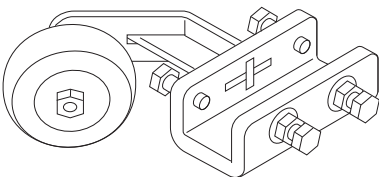
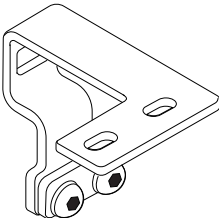
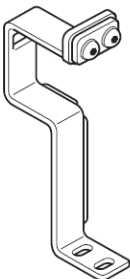
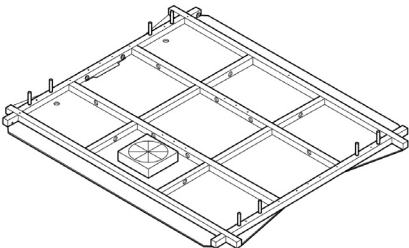
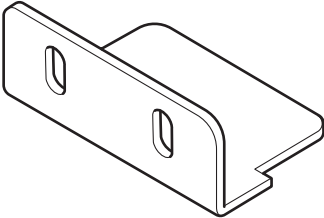
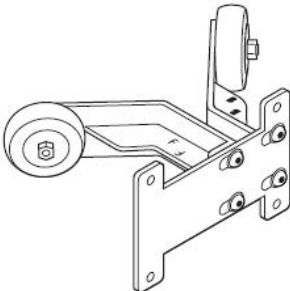
- September 8, 2025 – Initial release
- October 23, 2025 - Revised images throughout
- February 25, 2026 - Added optional Luma seat, updated parts numbers, revised drawings throughout
- April 1, 2026 - Revised parts number on page 5, 8 and 95
- May 20, 2026 - Revised page 35, 66, 69, 85 and 87
- June 24, 2026 - Revised parts list, revised page 83-84
- September 15, 2026 - Revised parts 7 and 9, revised door installation on page 69, revised seat installation on page 93

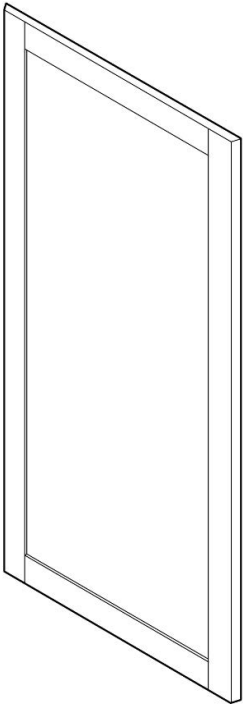
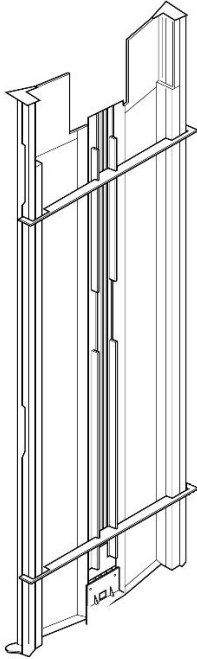
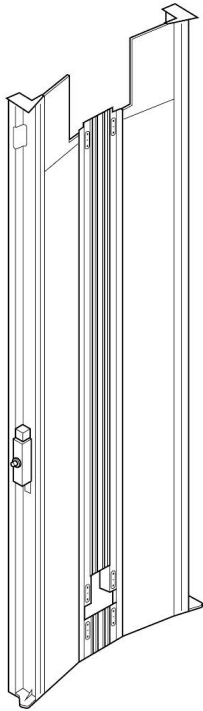
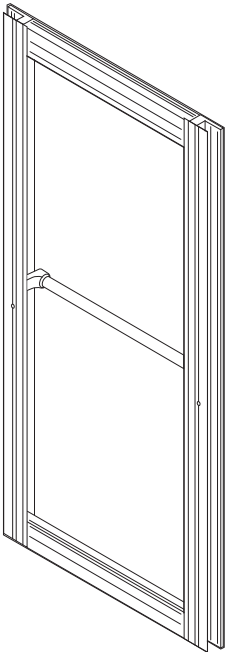
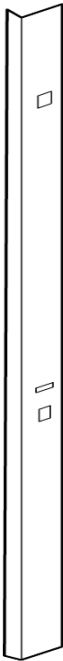
TOOLS AND MATERIALS REQUIRED

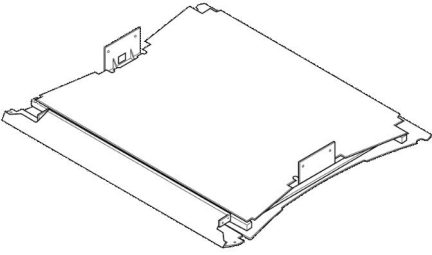
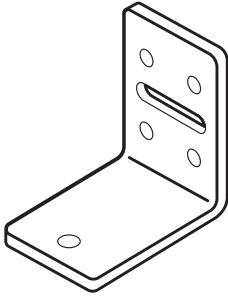
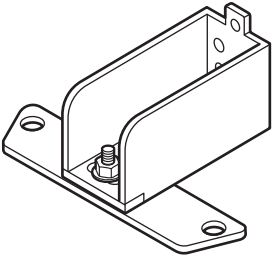
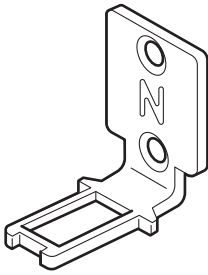
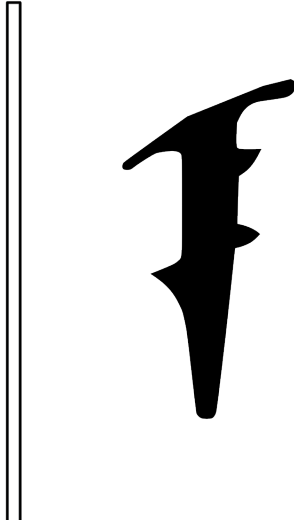
1. Drill/impact driver
2. Hammer drill
3. Mitre saw with aluminum cutting blade
4. Bit set (PZ,PH etc)
5. Plumb bob with adequate amount of string
6. Marker pen
7. Wrench set up to 19mm (3/4')
8. Beam level
9. Standard drill bit set
10. Countersinking bits
11. 1/2' or 3/8' Ratchet and socket set up to 19mm (3/4')
12. Extension set for ratchet
13. Universal joint for ratchet (preferable)
14. Allen key set
15. Torx key set
16. Rivet pliers
17. Fishing tape (preferable)
18. 4x4 wood

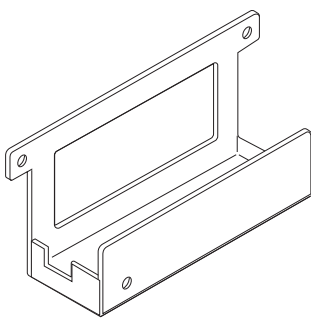
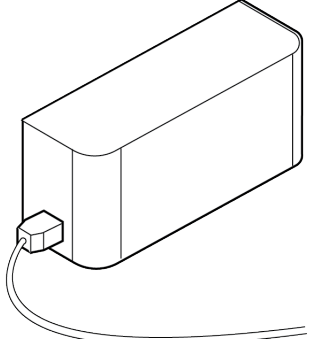
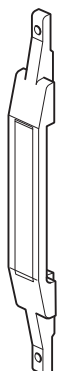
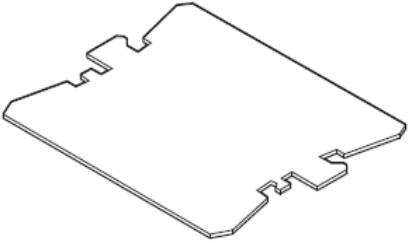
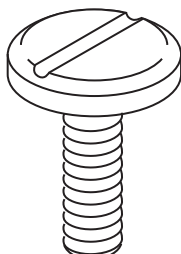
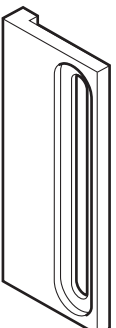
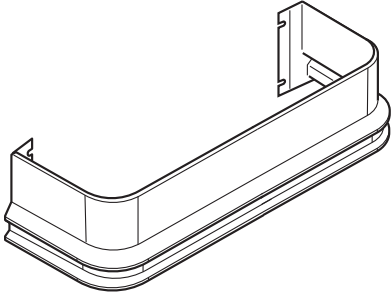
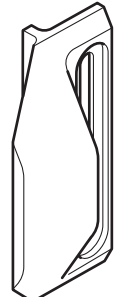
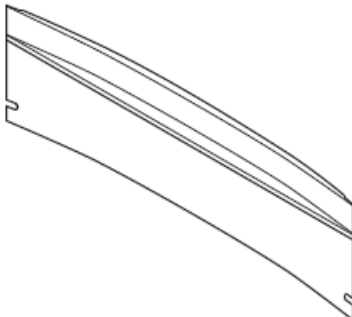
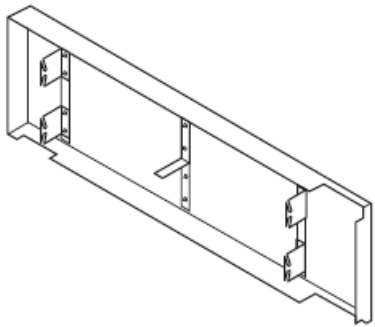
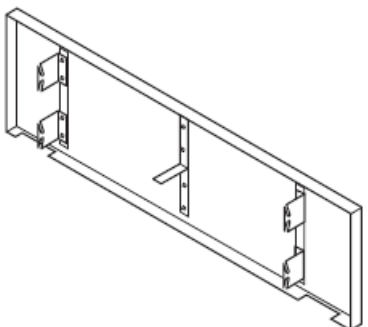
PARTS

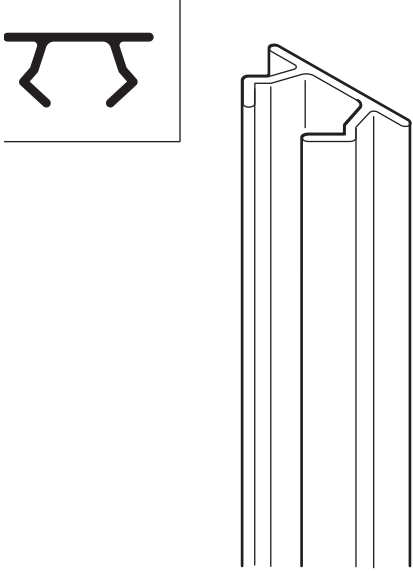
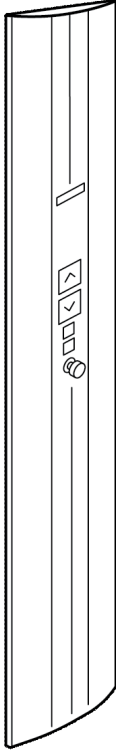
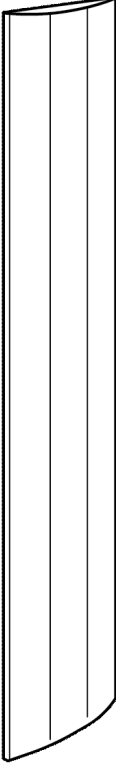
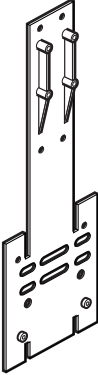
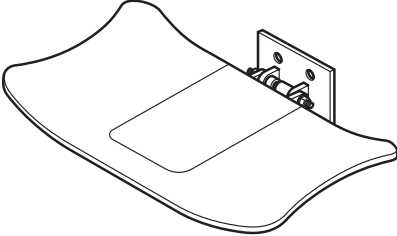
Floor Liner-type 1 x 1 600285 	Ceiling liner Weldment-Type 1 600200 	Floor Liner-Type 2 600607 
Ceiling Liner Weldment Type 2 600578 	Rail Jig x 1 600228 	Rail Foot Assy x 2 600169 
Bottom Rail Plate x 2 600152 	Drive Box x 1 600002 	Pendant x 1 329304 
Ceiling Plate x 1 600302 	Rail alignment jig x 3 600398 	Top Roller alignment jig x 2 600210 

Bottom Rails 1955 mm (77") x 2 600219 	Middle Rails (With Splices) 2130 mm (83 13/16") x 2 600468 	Top Rails 2445 mm (96 1/4") x 2 600564 
Top roller - back LH assy x 1 600264 	Top roller - back RH assy x 1 600265 	Top roller - front RH assy x 1x 1 600100 
Top roller - front LH assy x 1 600170 	Overspeed Protection Top Bracket Assy x 1 600307 	Overspeed Protection Bottom Bracket Assy x 1 600306 
Ceiling Assembly x 1 600047 	Bottom Roller Alignment jig x 2 600159 	Bottom roller assembly x 2 600159 

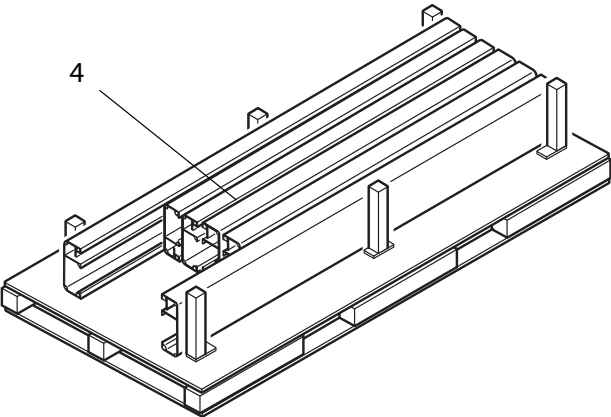
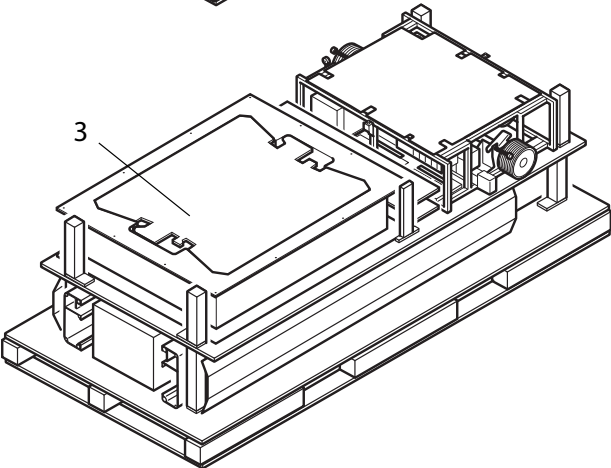
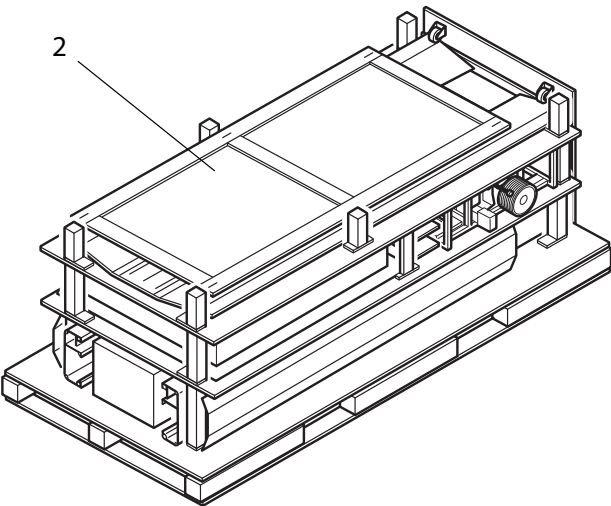
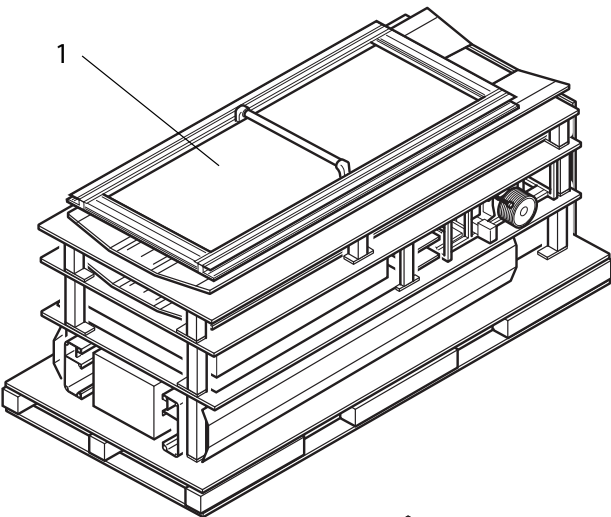
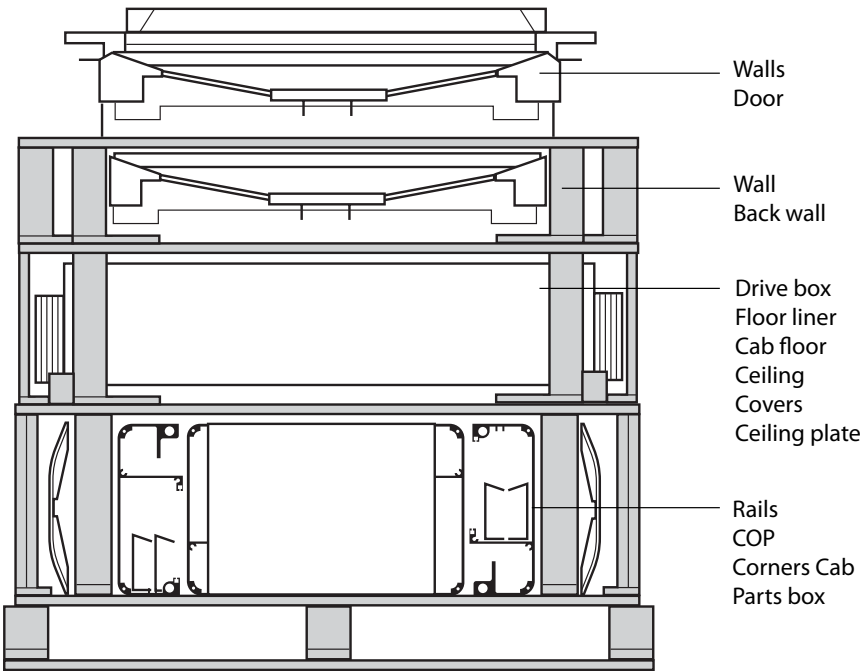
Back wall 2000mm (78 3/4") CAB - 600110 1905mm (75") CAB - 600547 	Side wall assembly - left x 1 2000mm (78 3/4") TYP 1 - 600625 1905 mm (75") TYP 1 - 600641 2000mm (78 3/4") TYP 2 - 600630 1905 mm (75") TYP 2 - 600642 	Side wall assembly - right x 1 2000mm (78 3/4") TYP - 600624 1905 mm (75") TYP 1 - 600640 2000mm (78 3/4") TYP 2 - 600630 1905 mm (75") TYP 2 - 600642 
Door 2000mm (79 3/4") CAB - 600109 1905 (75") CAB - 600553 	Outside cover RH x 2 2000 mm (79 3/4") CAB - 600027 1905 mm (75") CAB - 600538 	Outside cover LH x 2 2000 mm (79 3/4") CAB - 600067 1905 mm (75") CAB - 600537 

Floor Assembly x 1 TYP 1 - 600058 TYP 2 - 600511 	Top back wall bracket x 2 600153 	Cover door slot A x 1 600392 
Top door bracket x 1 601092 	Door beak x 1 600441 	cover door slot B x 2 600247 
Inside cover x 1 200 mm (79 3/4") CAB - 600068 1905 mm (75") CAB - 600536 	Inside seal x 1 OGM-0122 	Sticker door key x 1 (Type 2 x 2) 600804 

Sticker door key x 1 (Type 2 x 2) 600852 	Charger bracket x 1 600361 	Charger x 1 600412 
Charging strip x4 600948 	Floor hatch x 1 TYP 1 - 600512 TYP 2 - 600603 	M3 Screw x 1 108821 
Door zone cam x 2 600321 	Rail cover assy x 8 601048 	Final cam x 1 600318 
Seal bottom cover x 2 600244 	Front Service panel x 1 600124 	Back service panel x 1 600130 

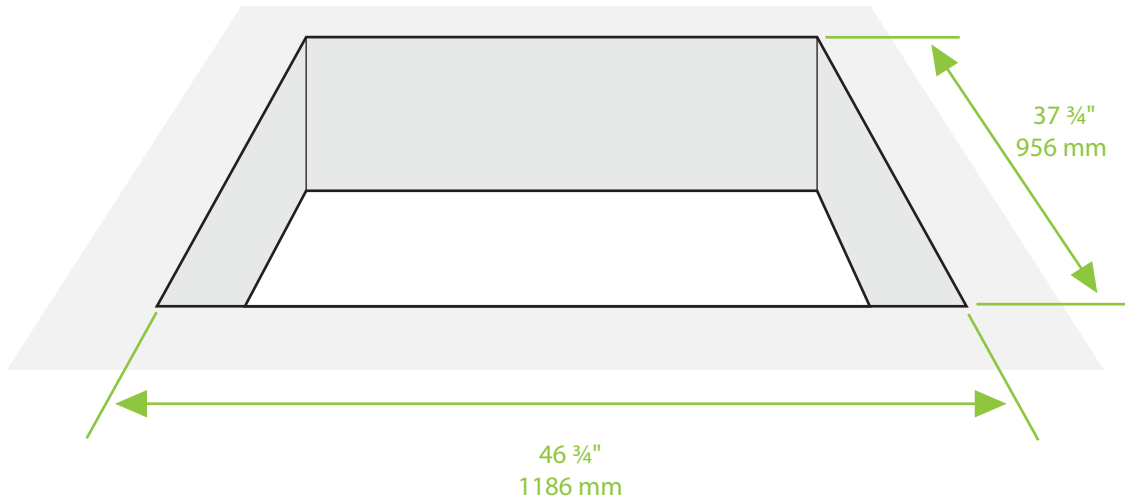
Dust cover 36 ft 108765 	COP x 1 2000 mm (79 3/4") CAB - 600134 1905 mm (75") CAB - 600541 	Opposite wall x 1 2000 mm (79 3/4") CAB - 600137 1905 mm (75") CAB - 600545 
Backplate x1 (optional) 600716 	Foldable Seat Set x1 (optional) 600907 	

PACKAGING INFORMATION
Skid placement and unpacking order



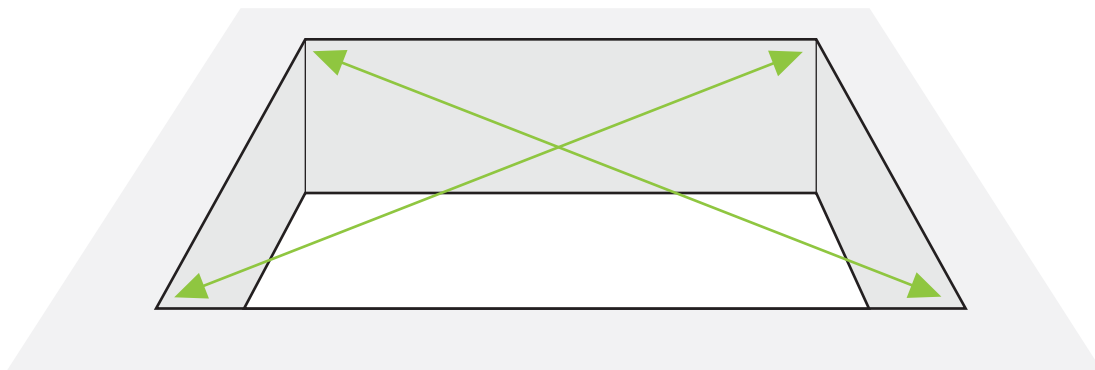
PRE-INSTALLATION CHECK

1. Floor cut-out measurements

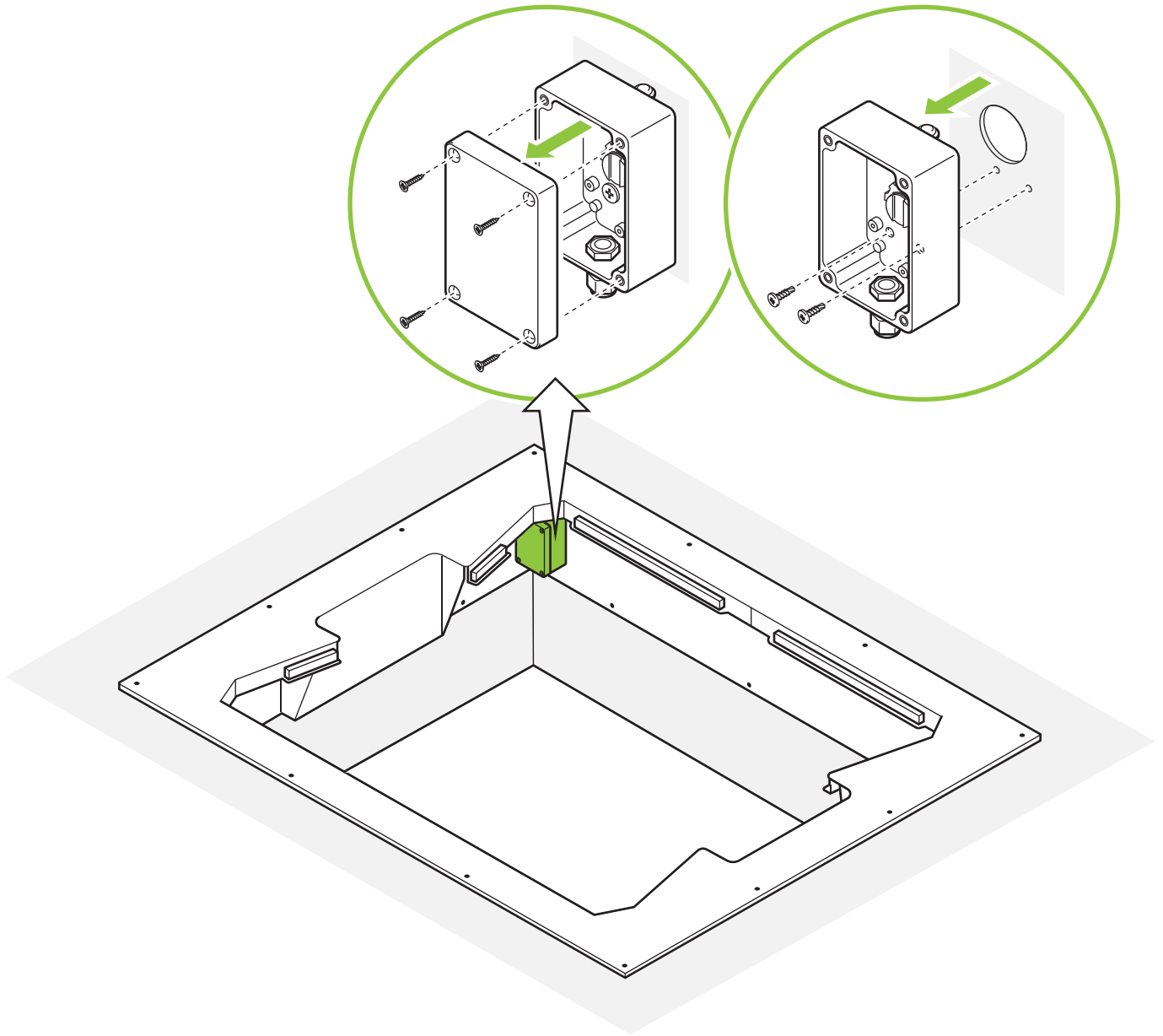


NOTICE

Check if the Floor cut-out is square and matches the planned area on the first landing. Ensure squareness by measuring the diagonals on the cut-out.

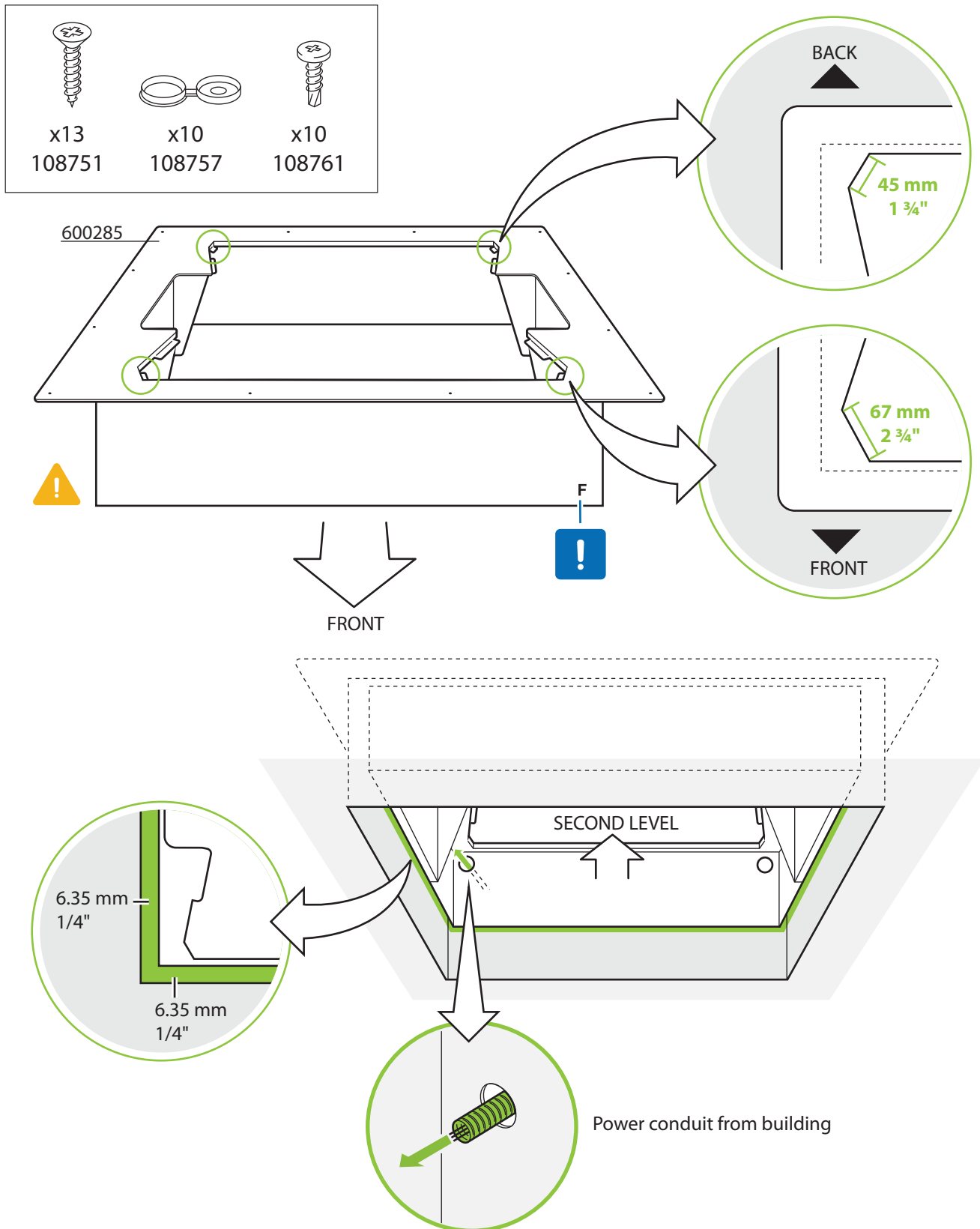


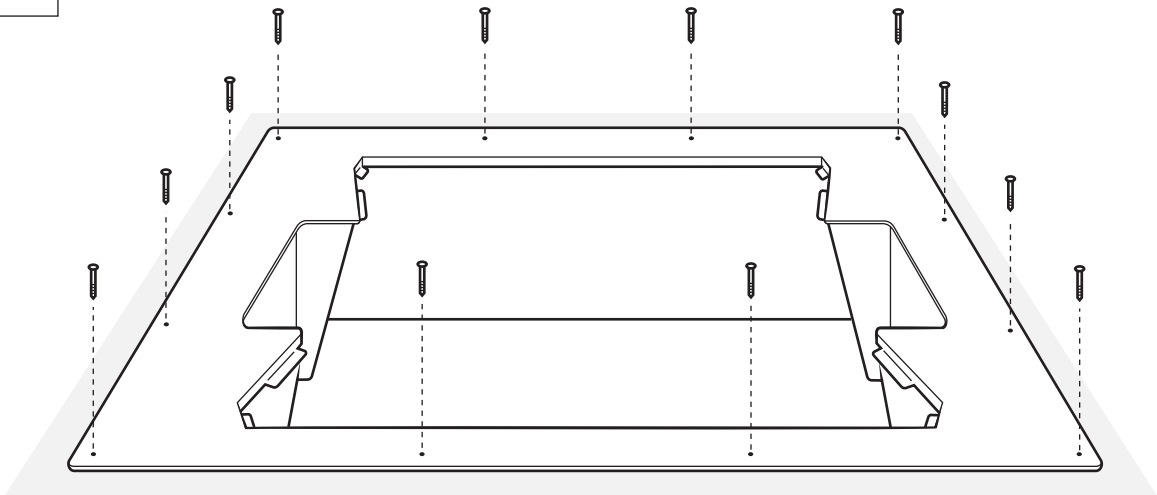
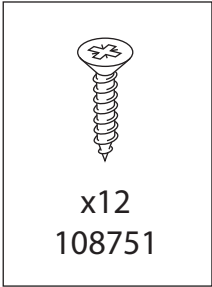
2. Junction Box removal



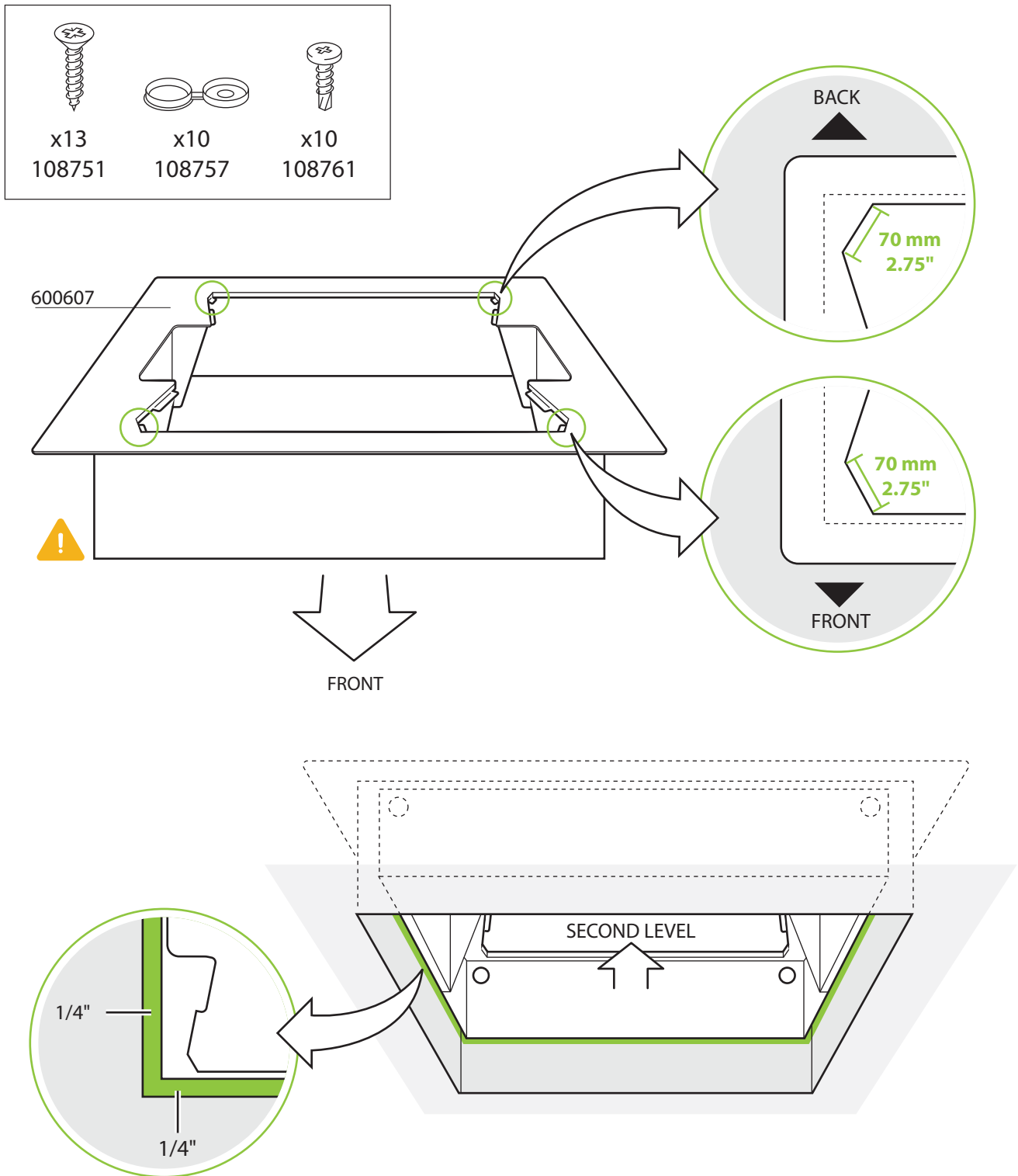
STEP 1: LINER ASSEMBLY

1A. Floor Liner Type 1

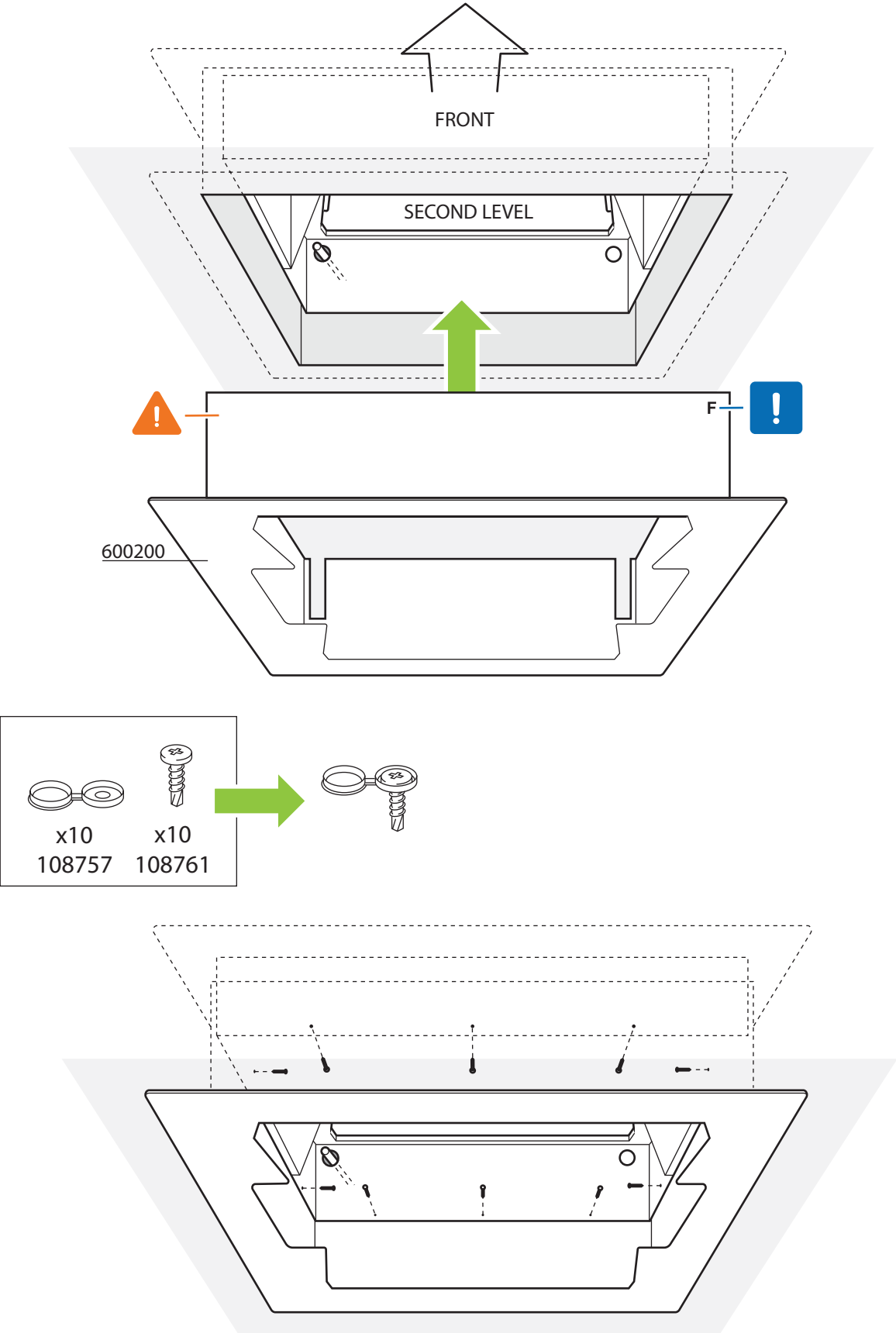




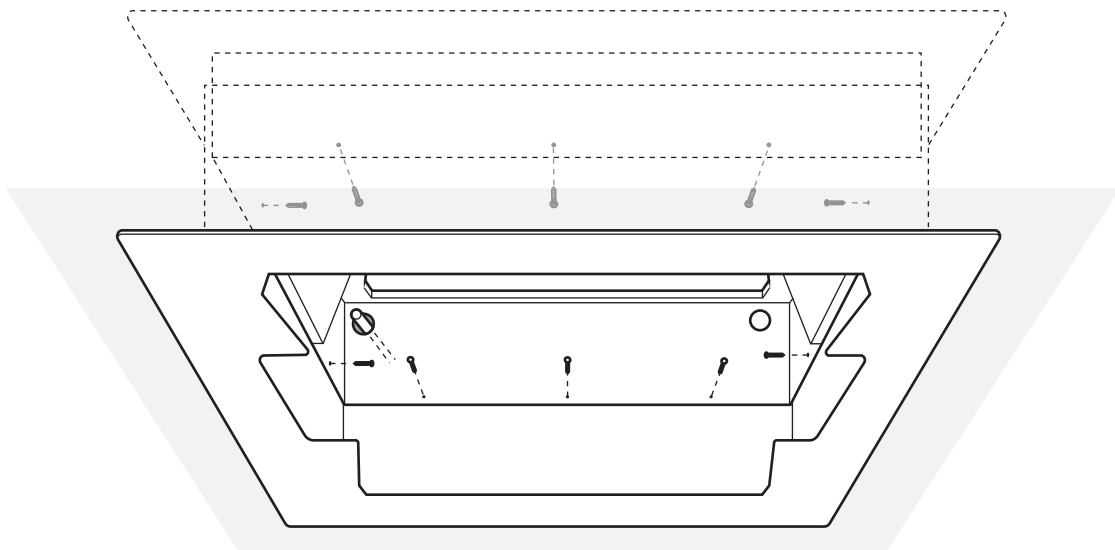
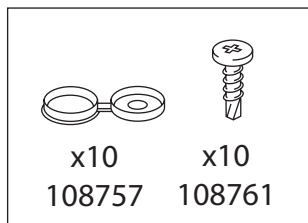
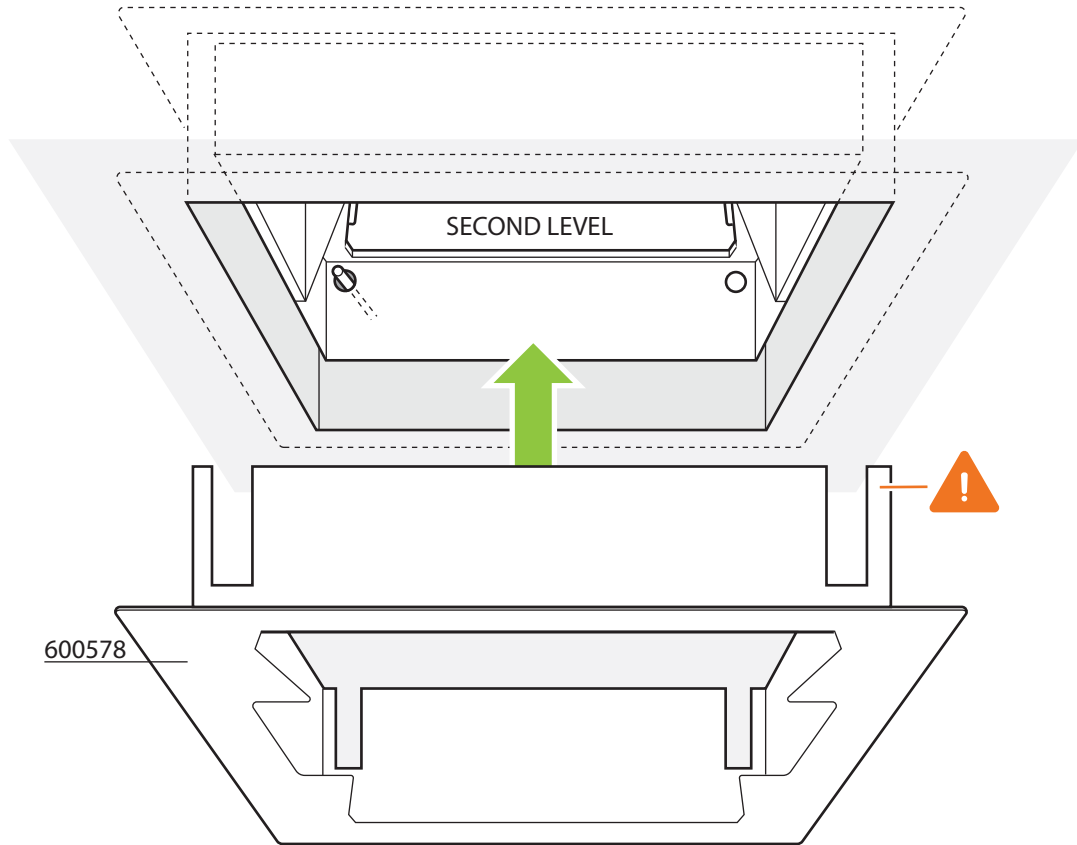
1B. Floor Liner Type 2



2A. Bottom Liner Type 1

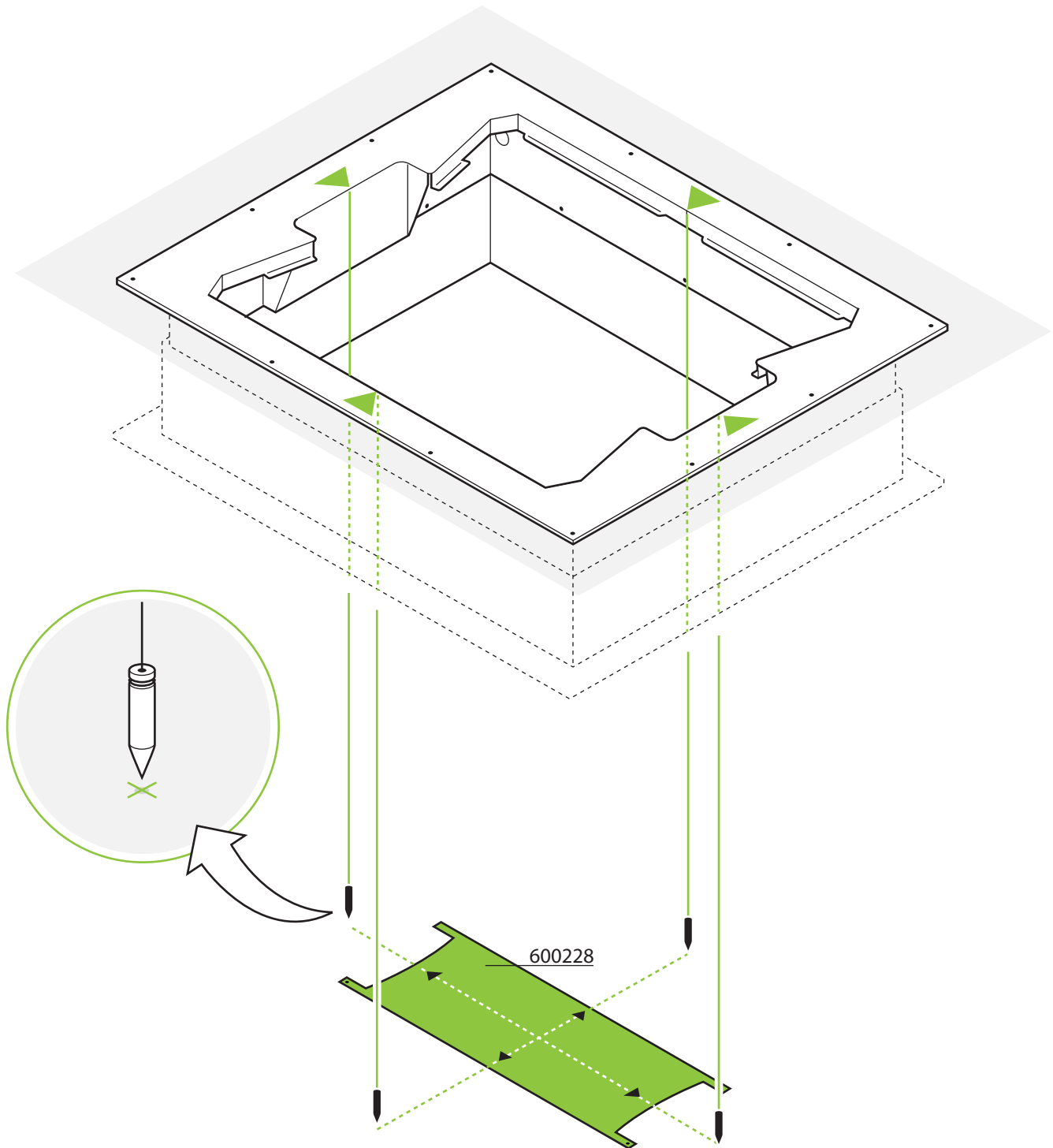


2B. Bottom Liner Type 2

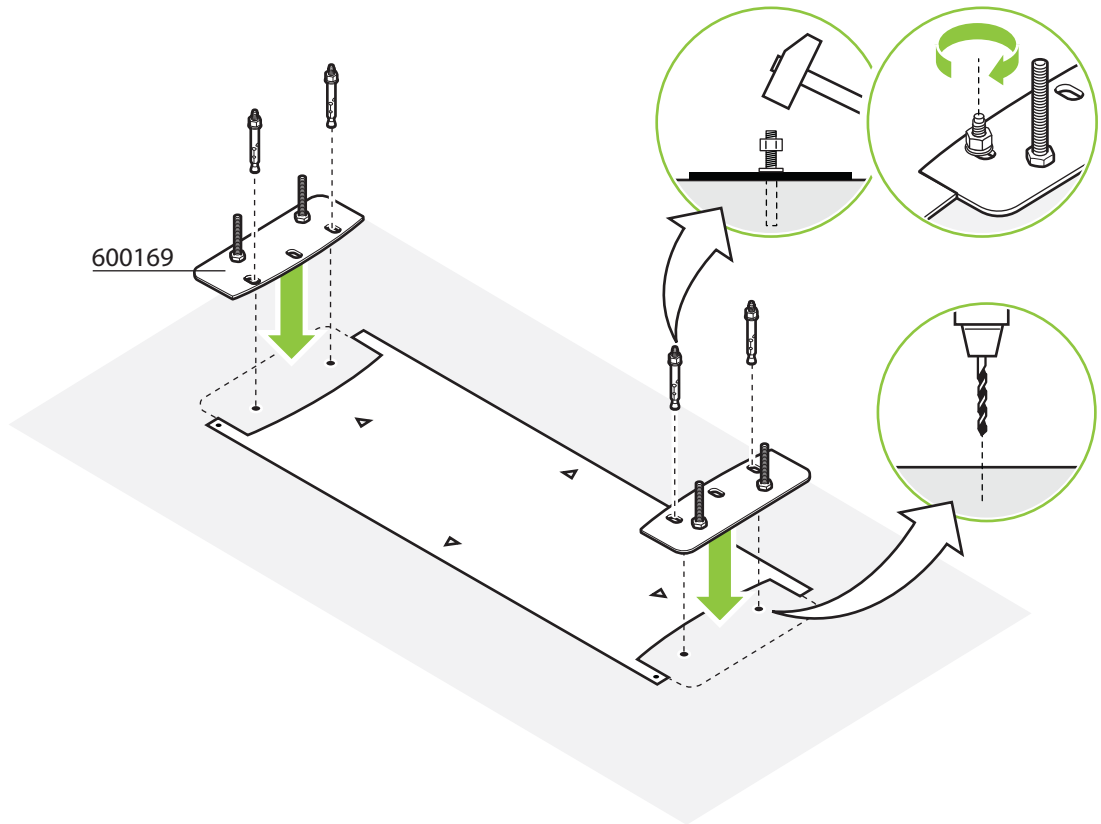
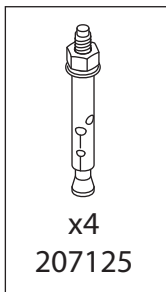


STEP 2: BOTTOM PLATE ASSEMBLY

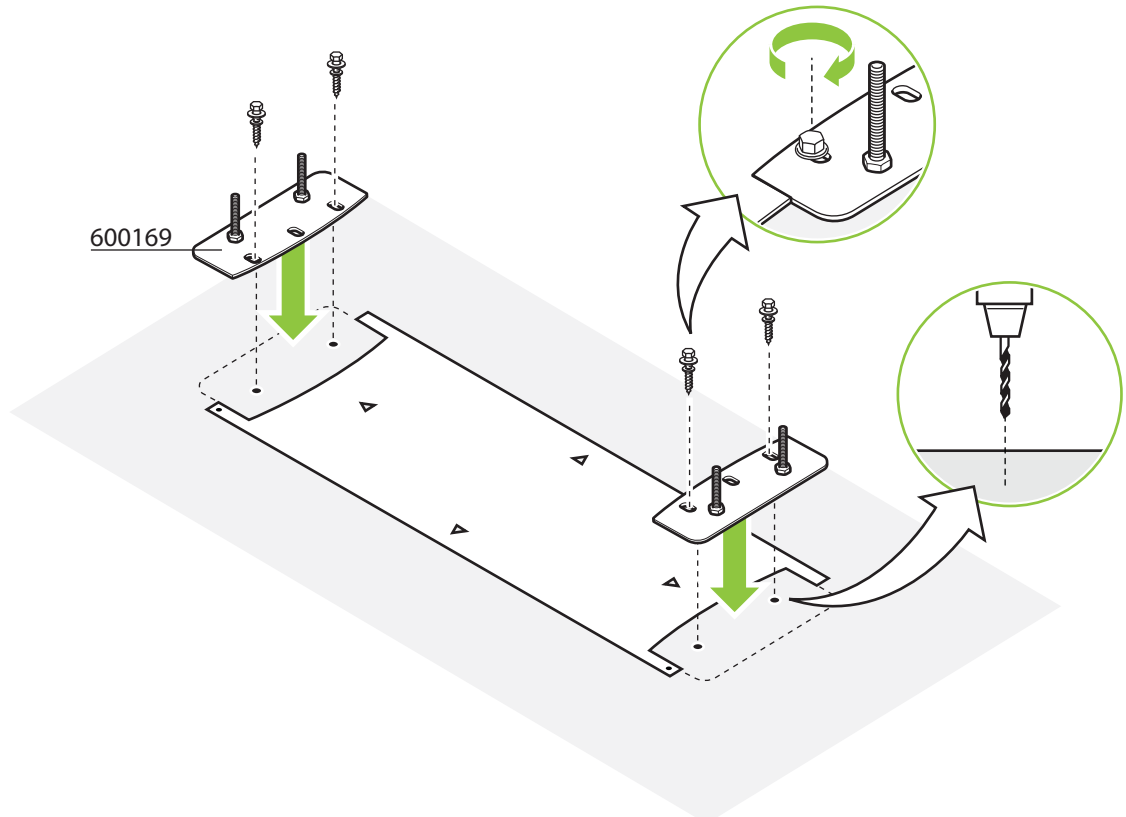
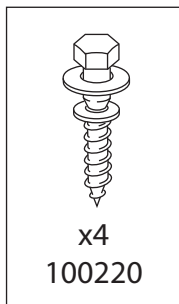
1. Bottom Rails plates



2A. For Concrete Floors

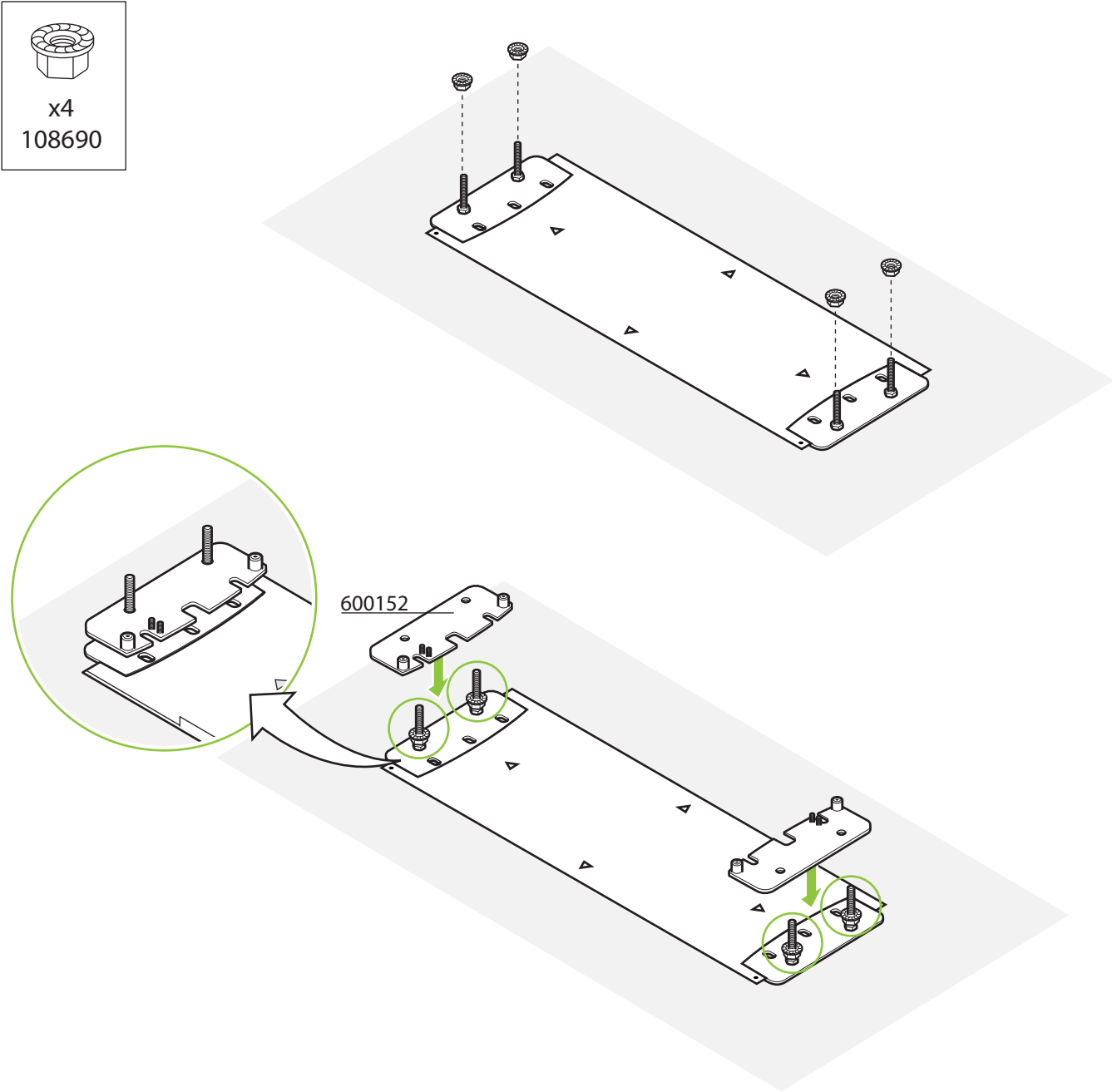


2B. For Wooden Floors

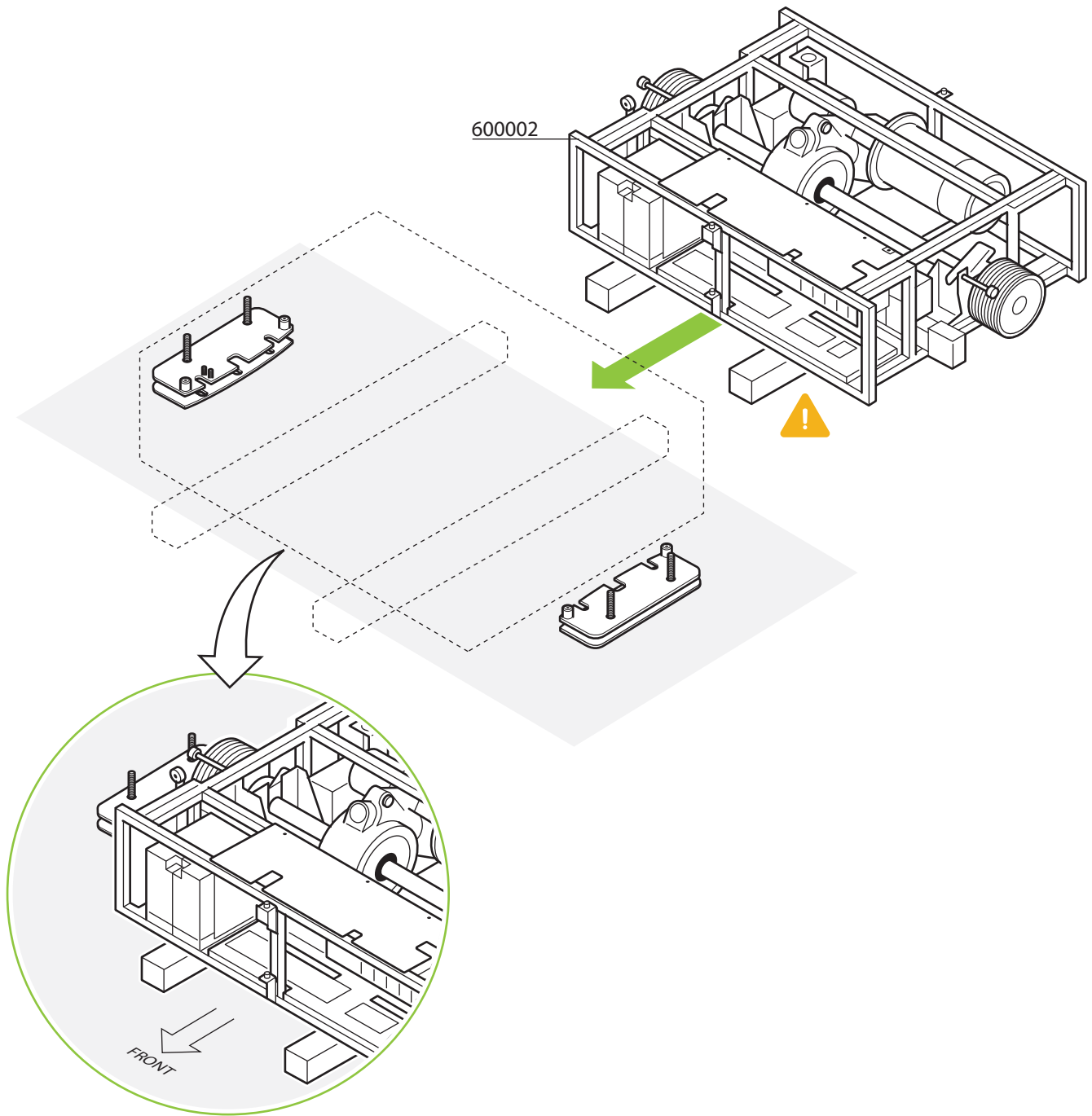


STEP 3: RAIL INSTALLATION

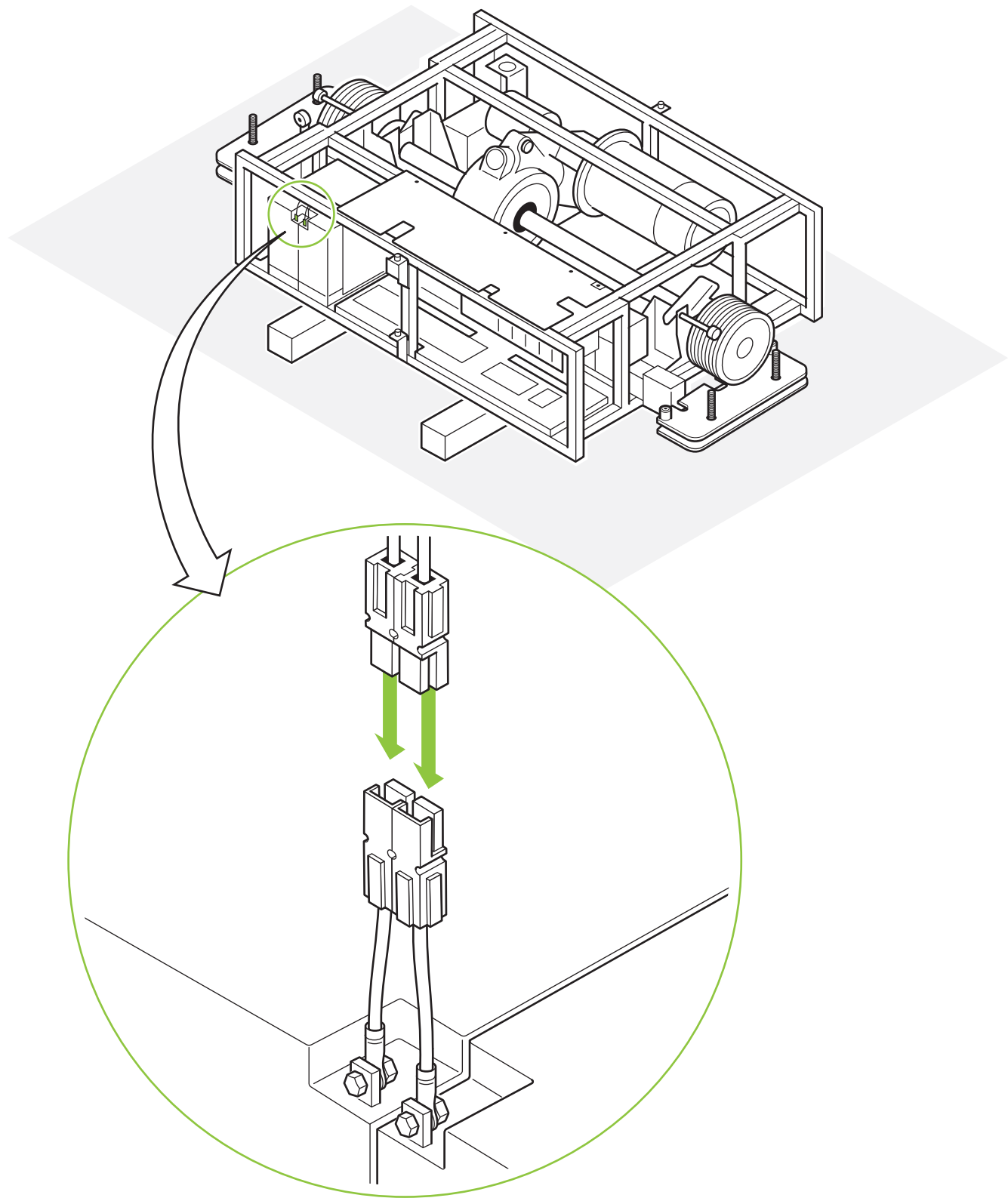
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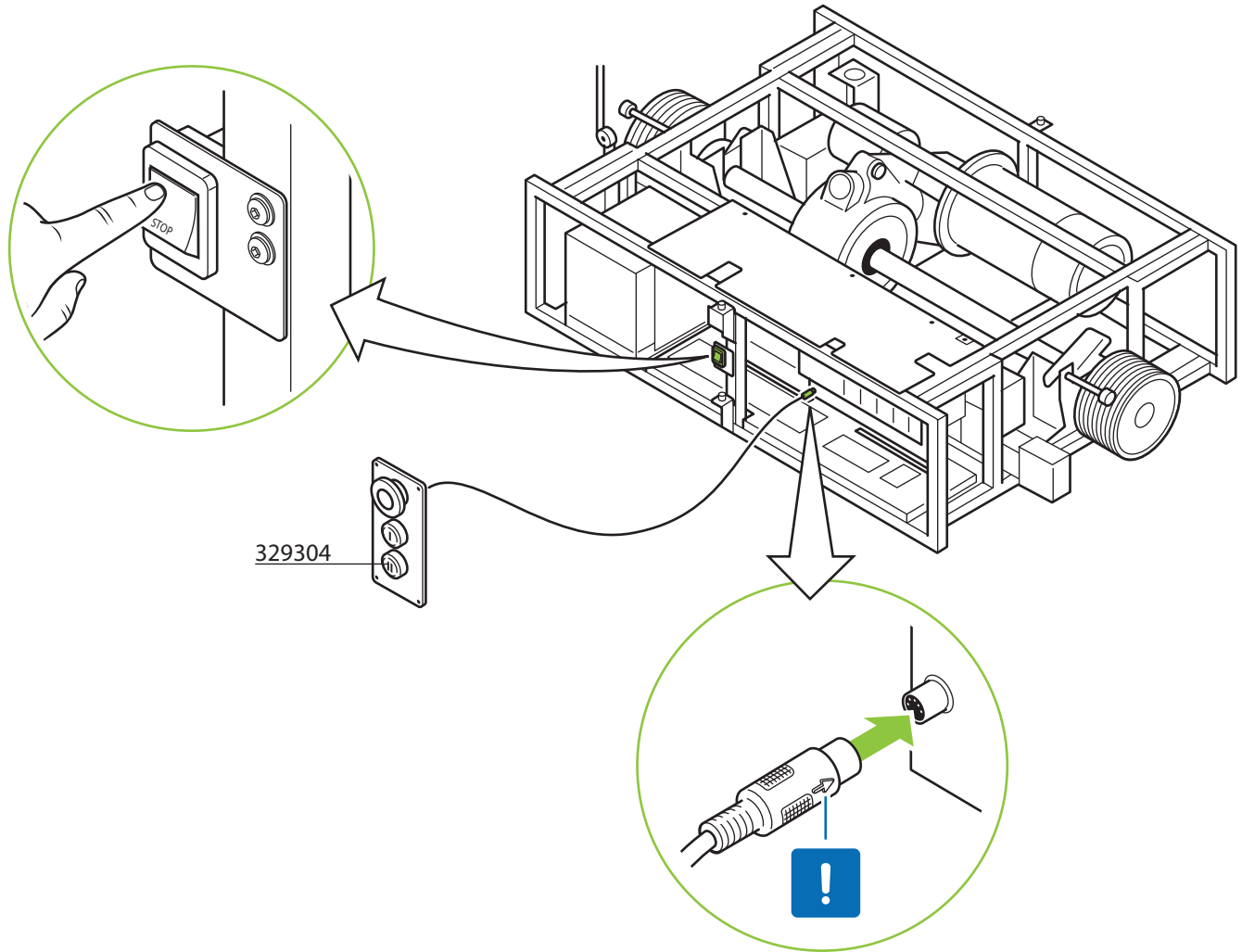
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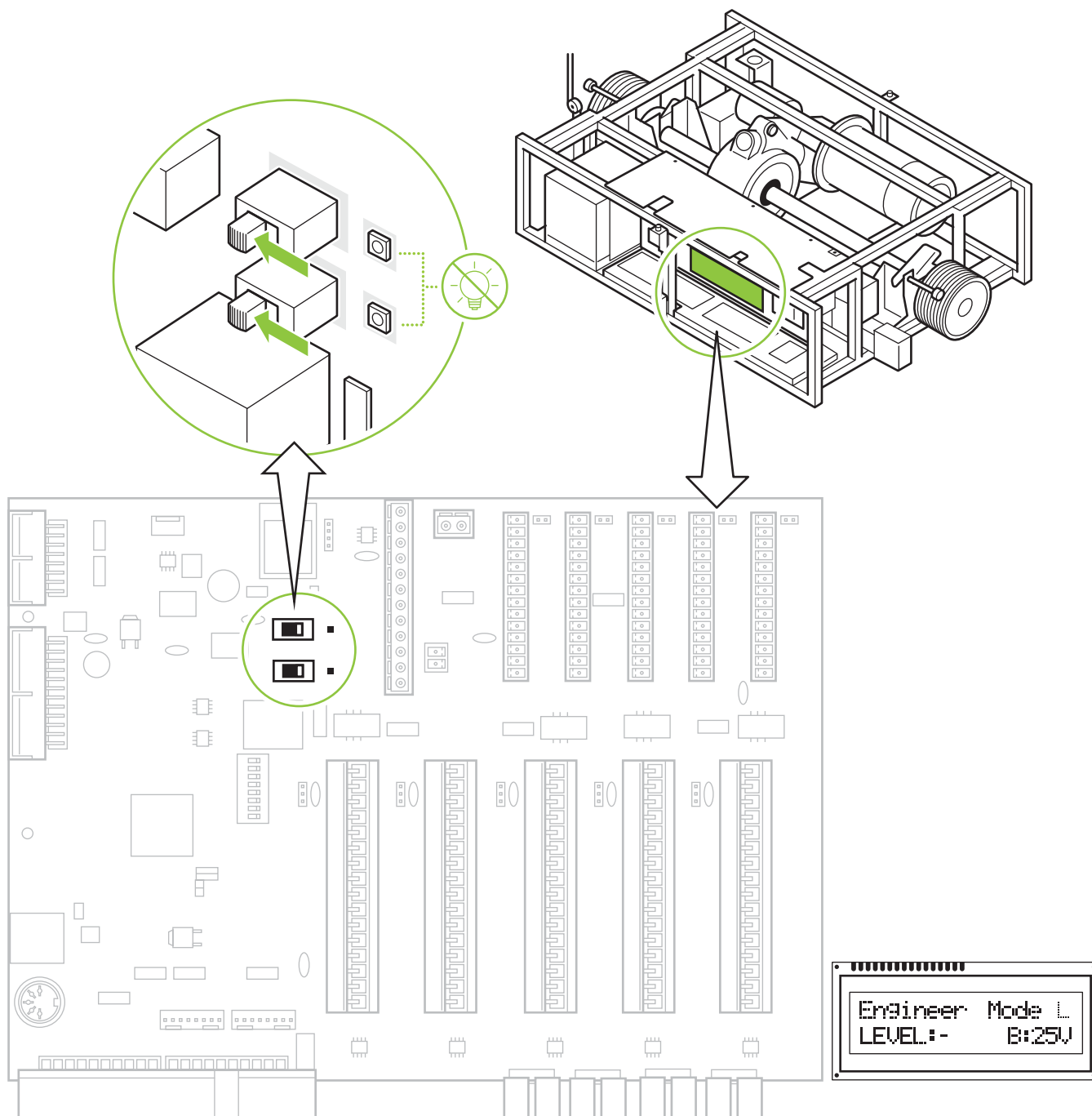


3.



4. Connecting the Pendant and Powering the Drive



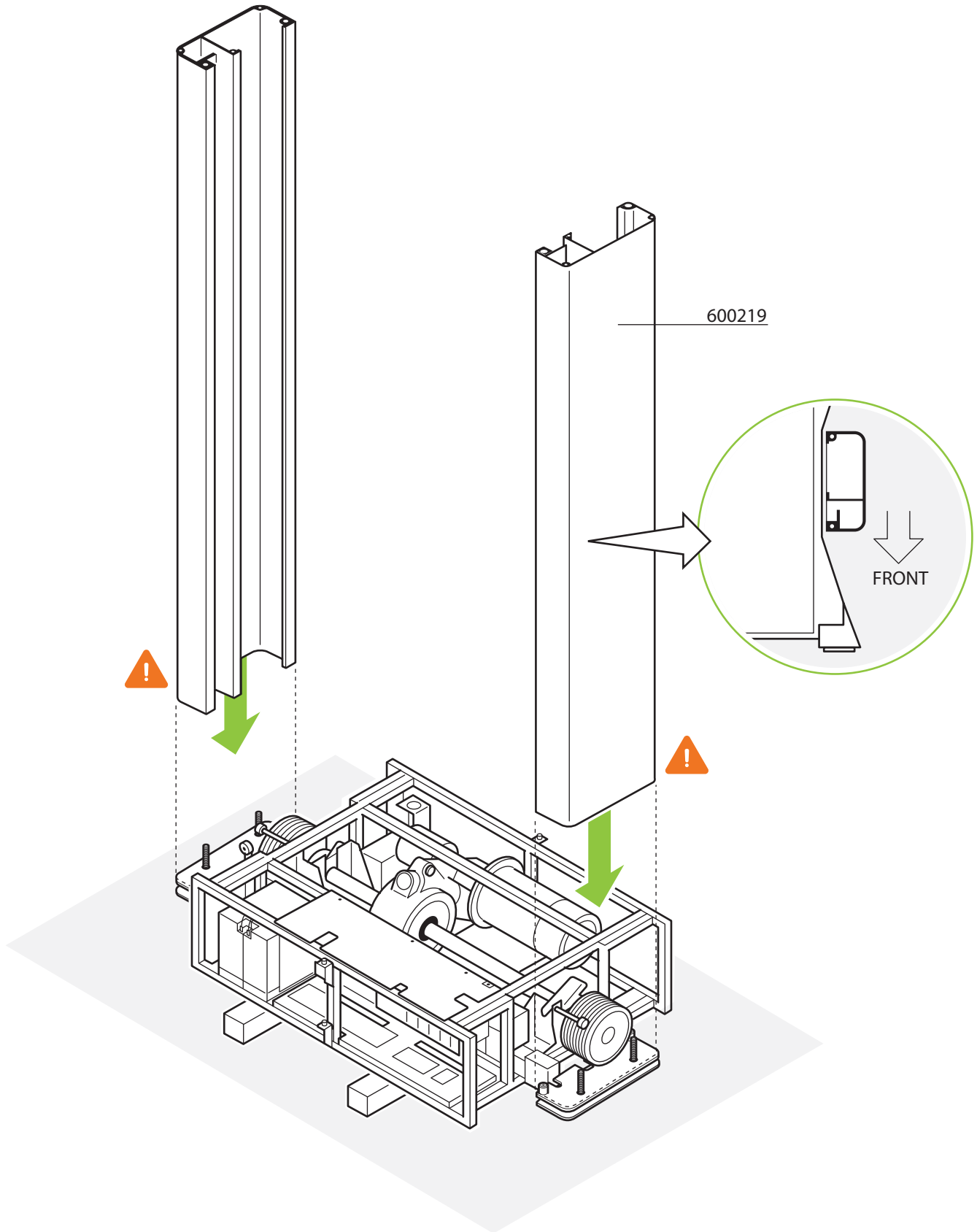


NOTICE

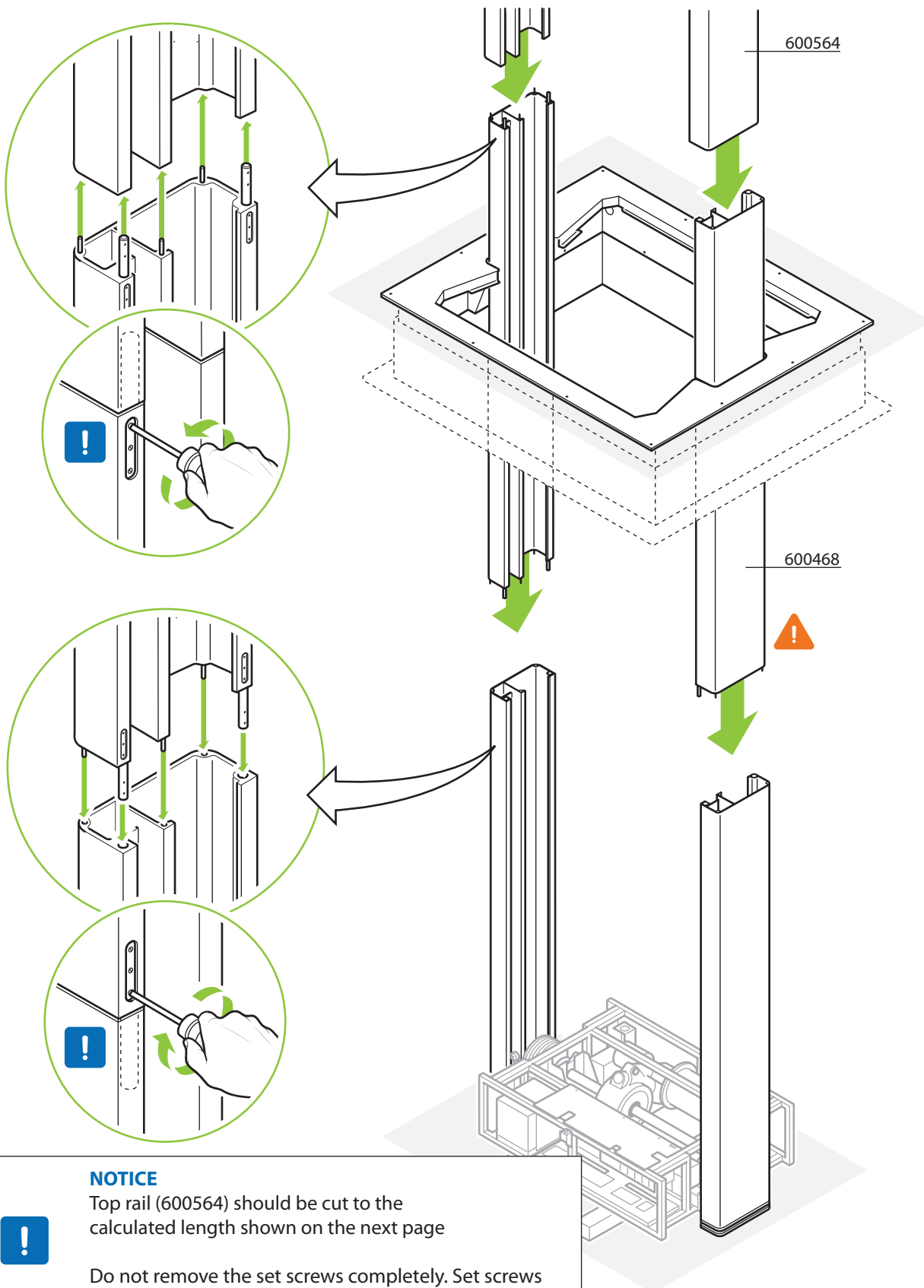


After powering up the unit for the first time, place a metal strip/plate near the first landing proximity switch to enable movement up and down.

5.



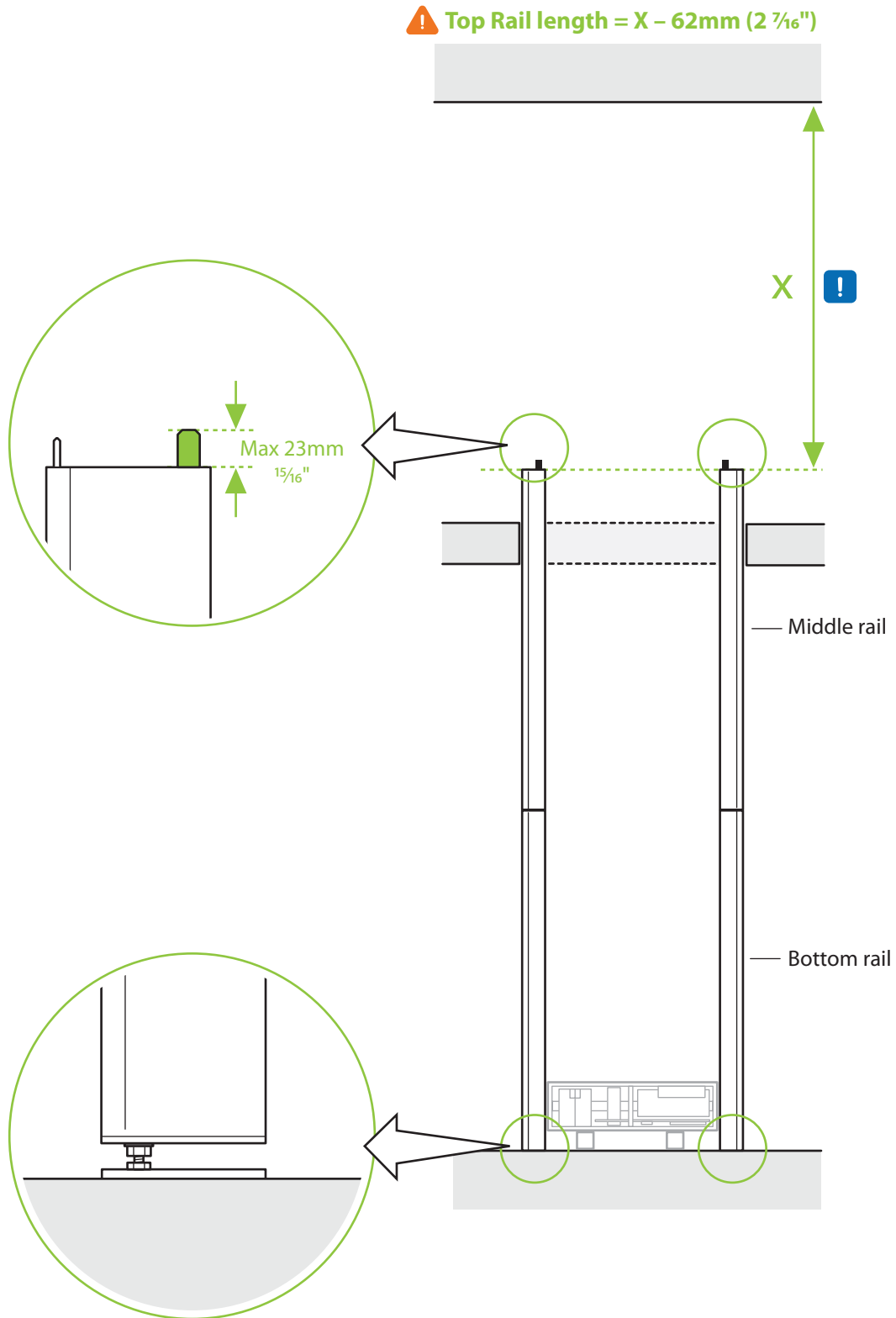
6.

**NOTICE**

Top rail (600564) should be cut to the calculated length shown on the next page

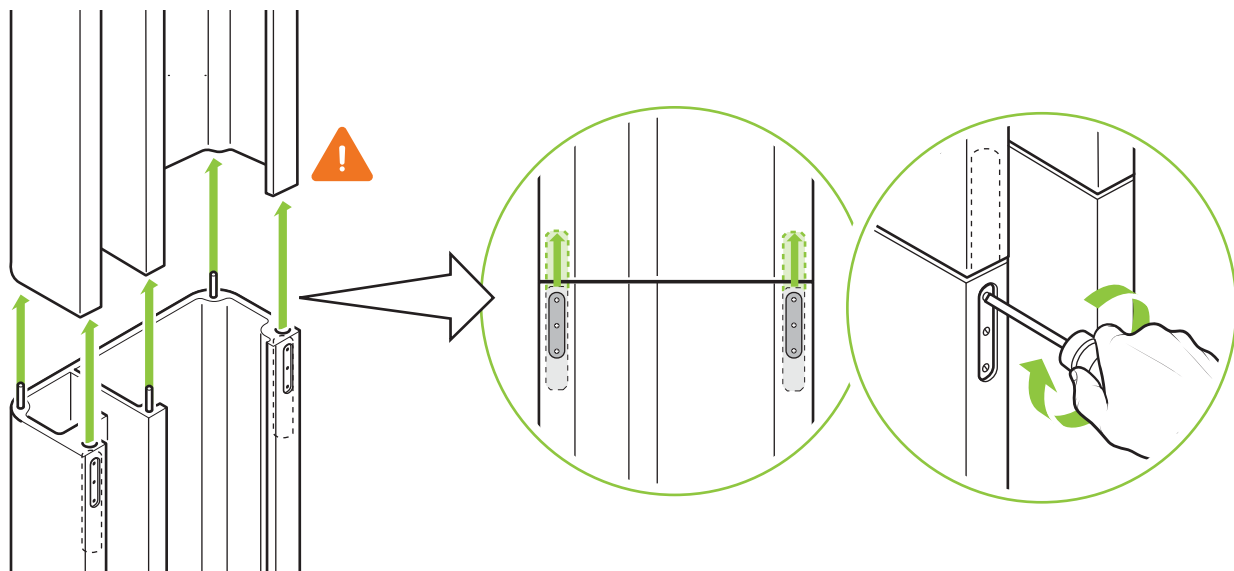
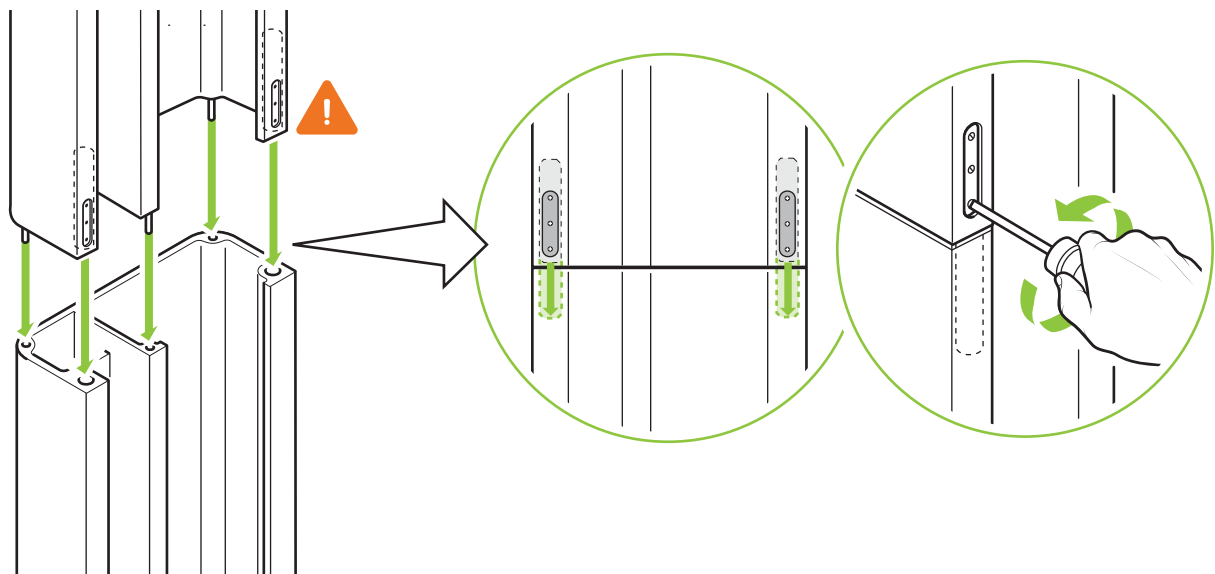
Do not remove the set screws completely. Set screws should only be loosened to allow movement for splices.

7.

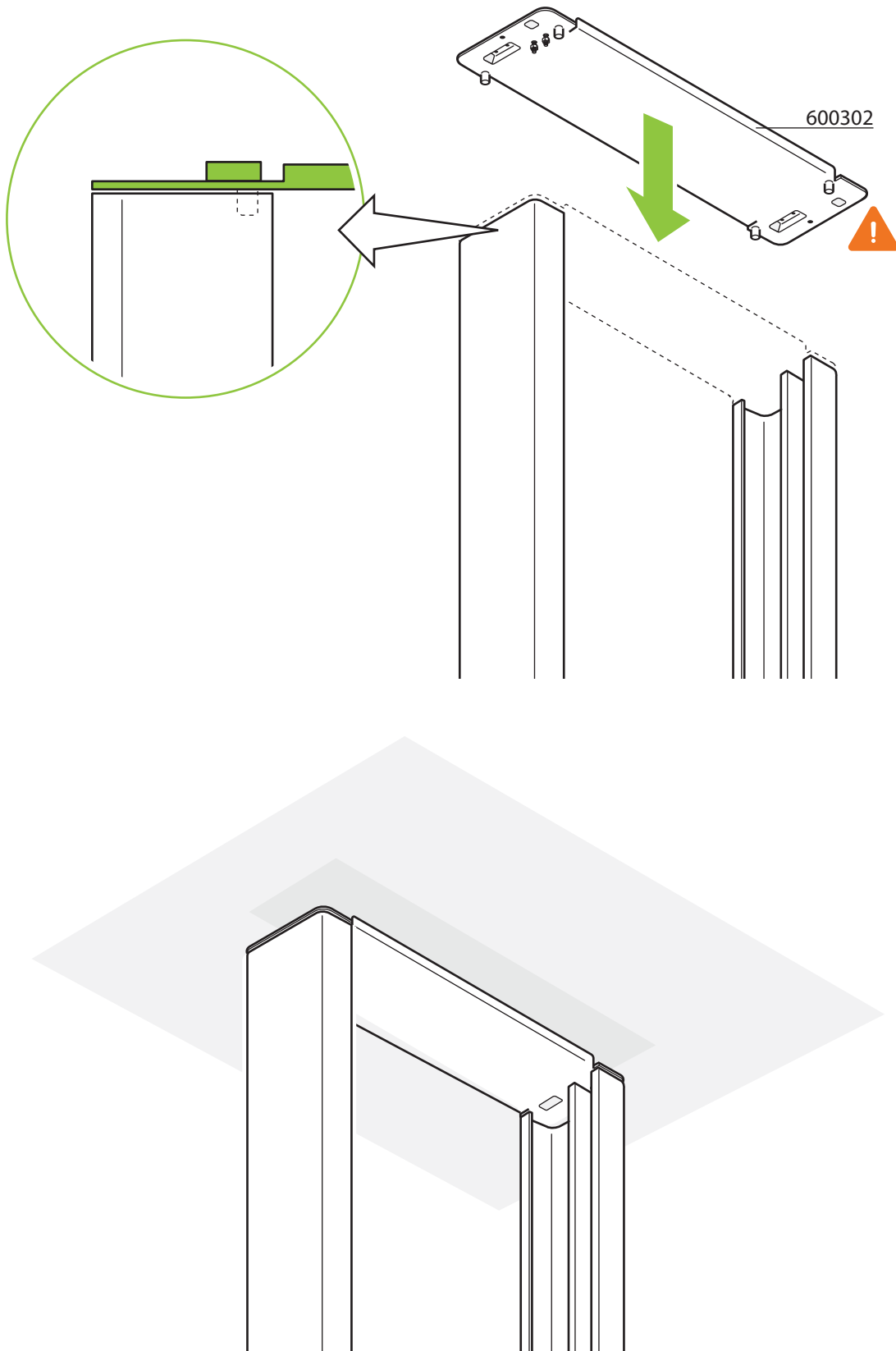
**NOTICE**

Top Rail should only be cut to the calculated length shown above.

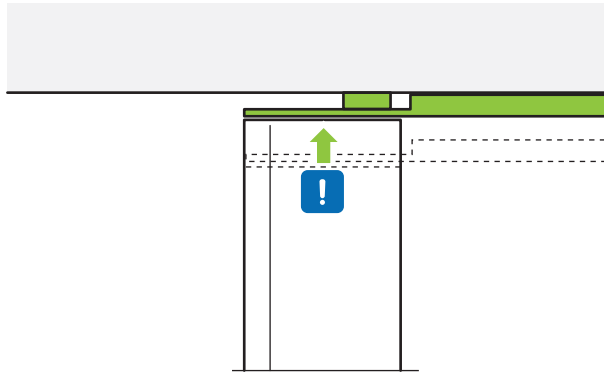
8.



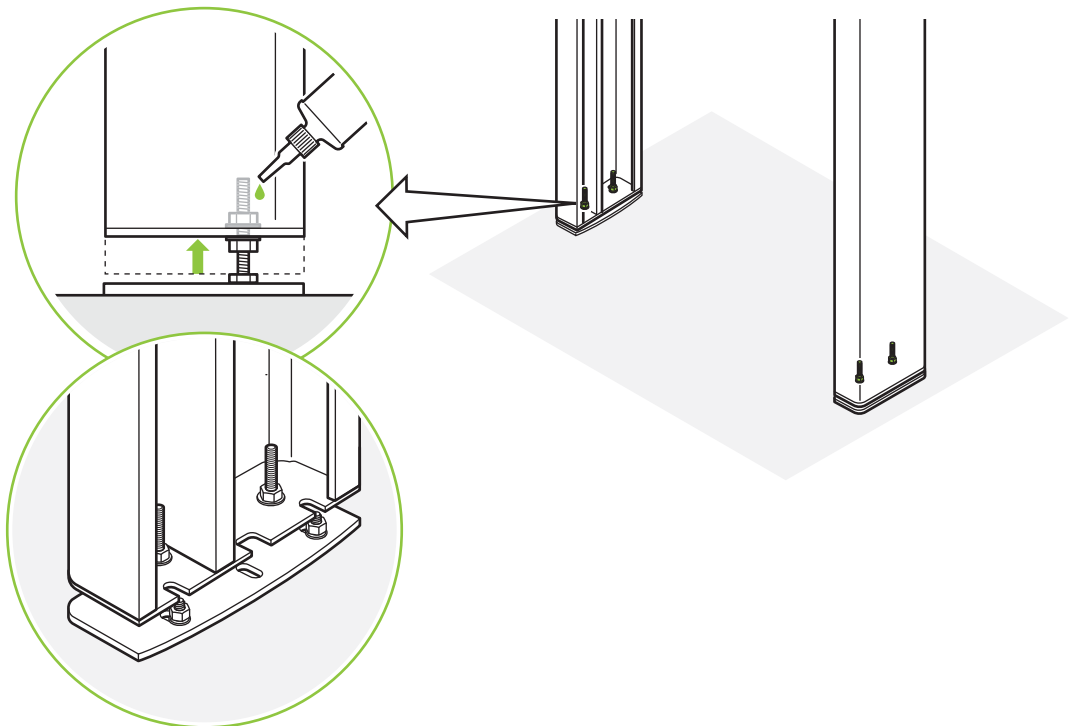
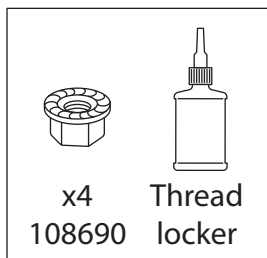
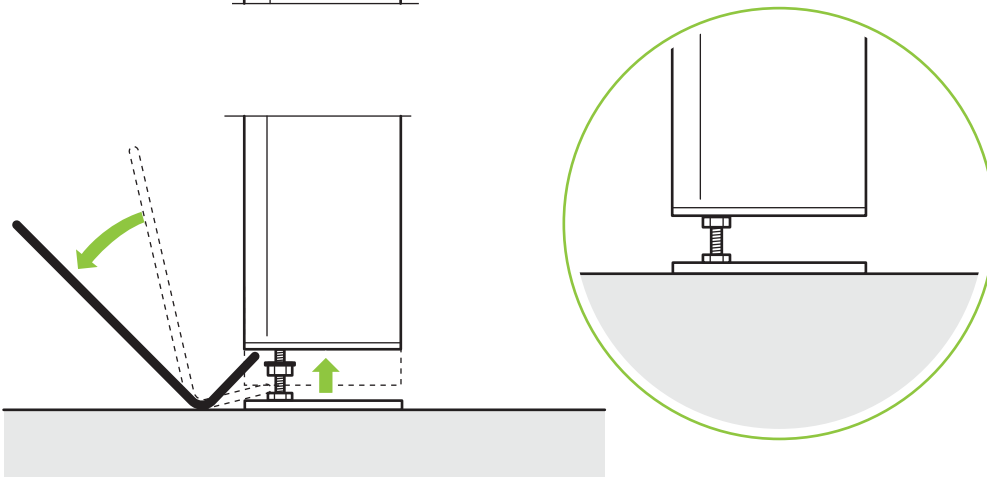
9.



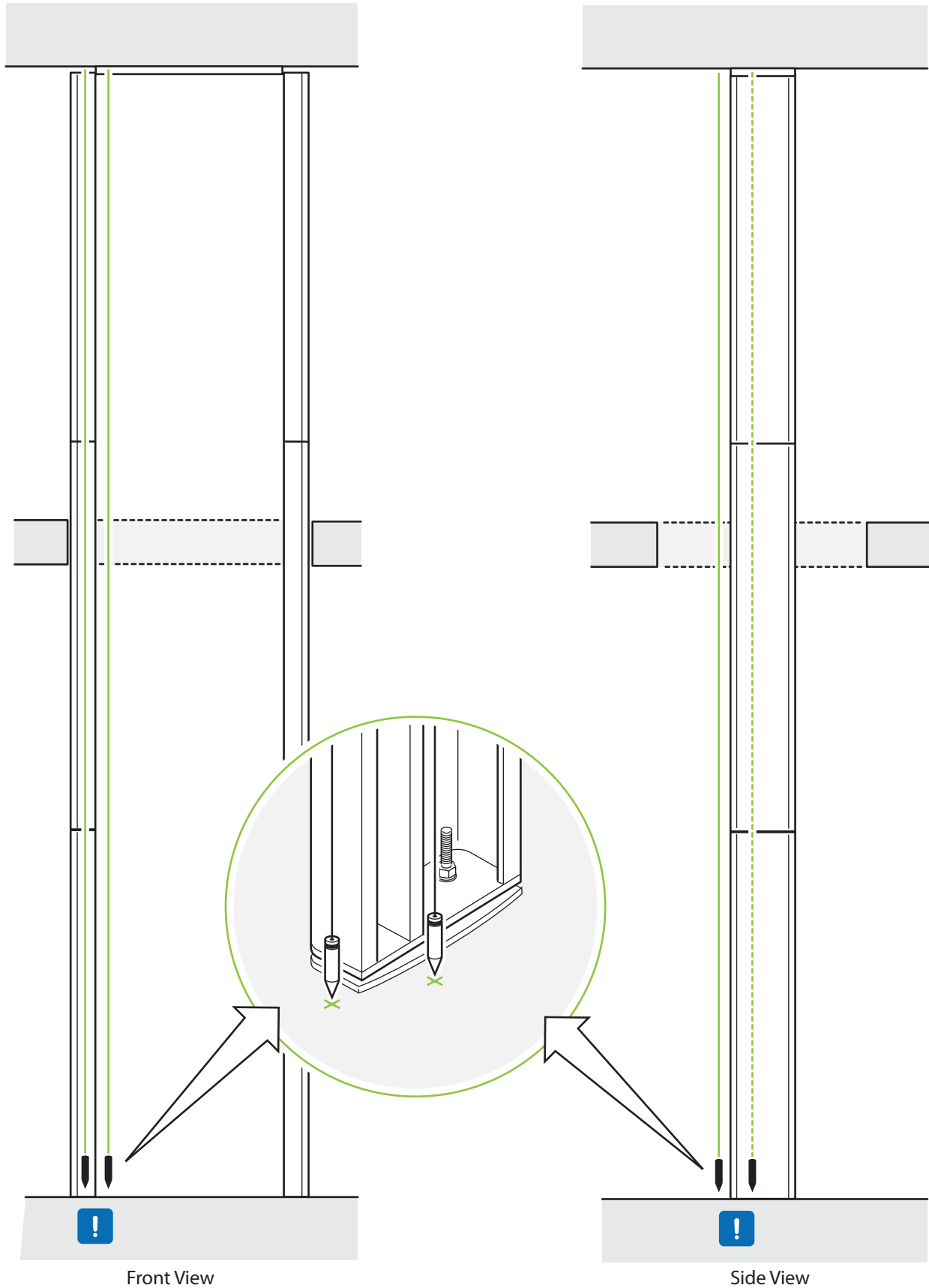
10.

**NOTICE**

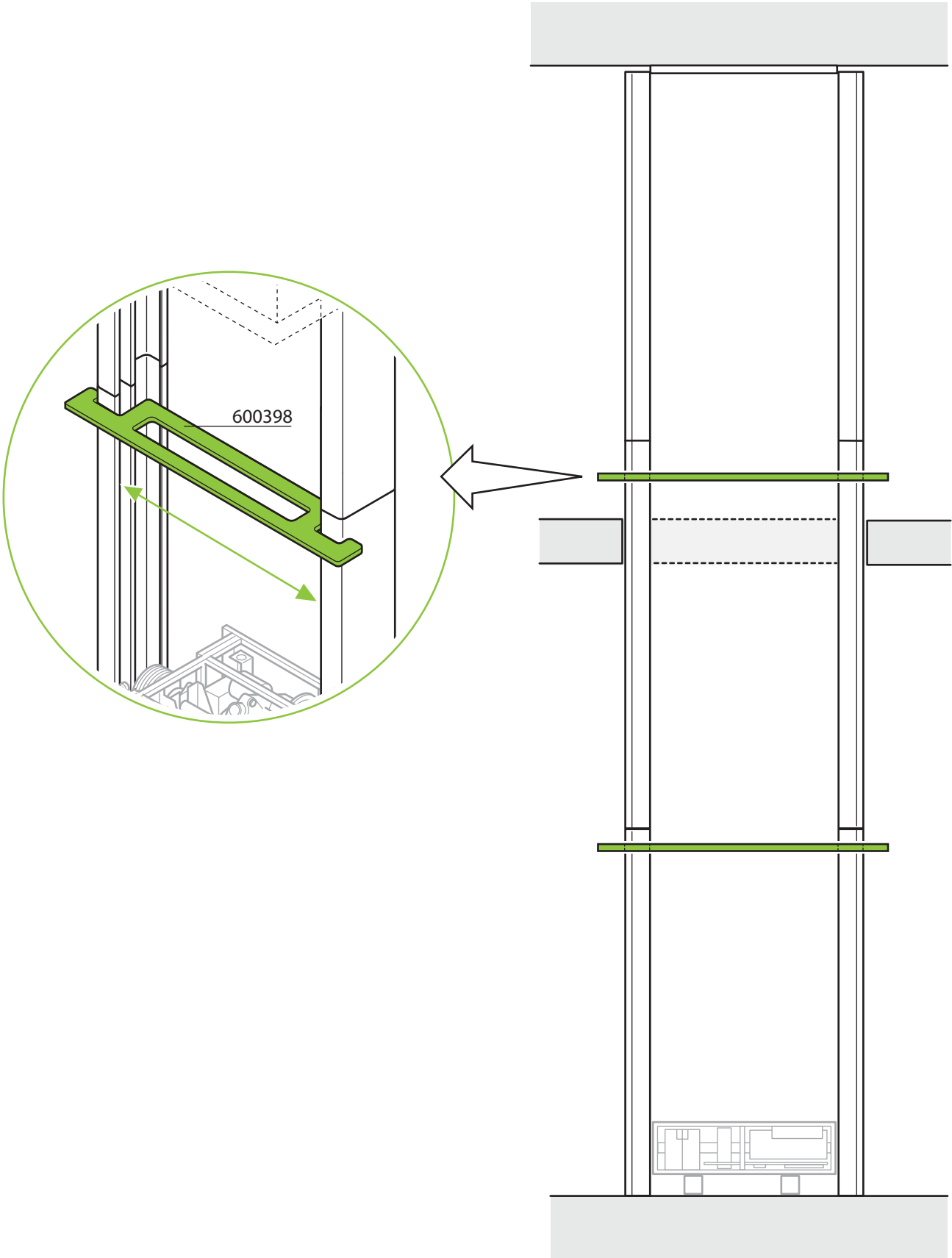
Ensure the ceiling is level (flat). If required, use the appropriate shims to level it and confirm the ceiling plate sits flush against the ceiling surface.



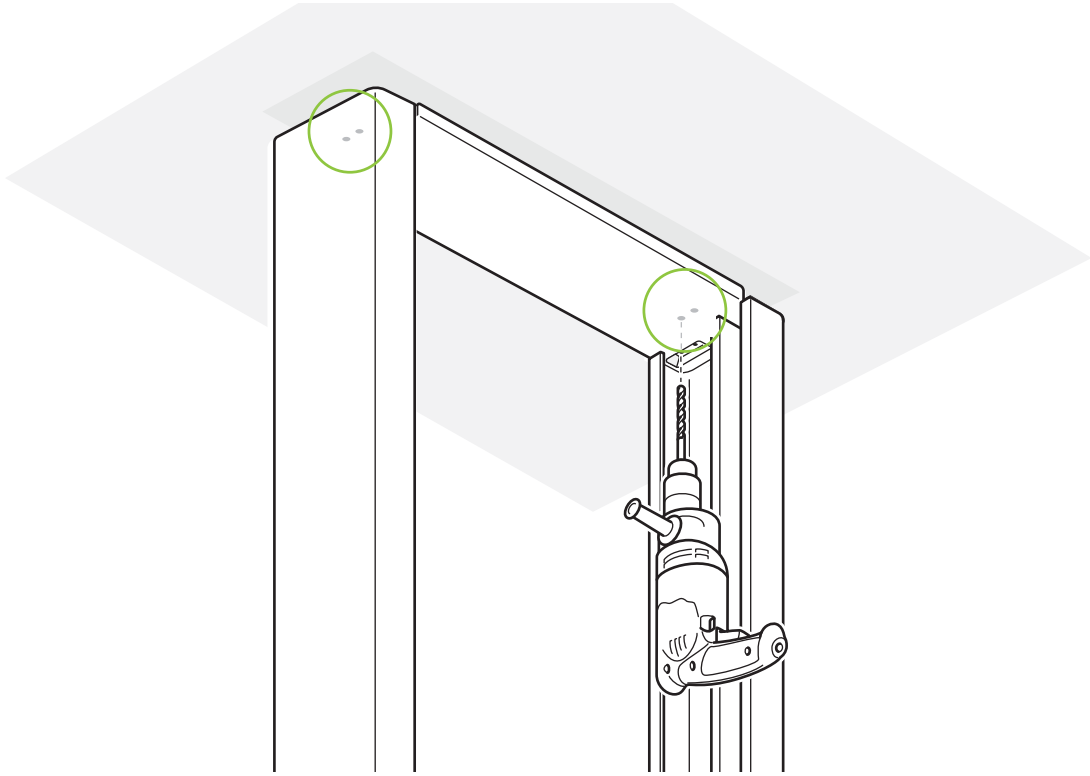
11. Rail alignment



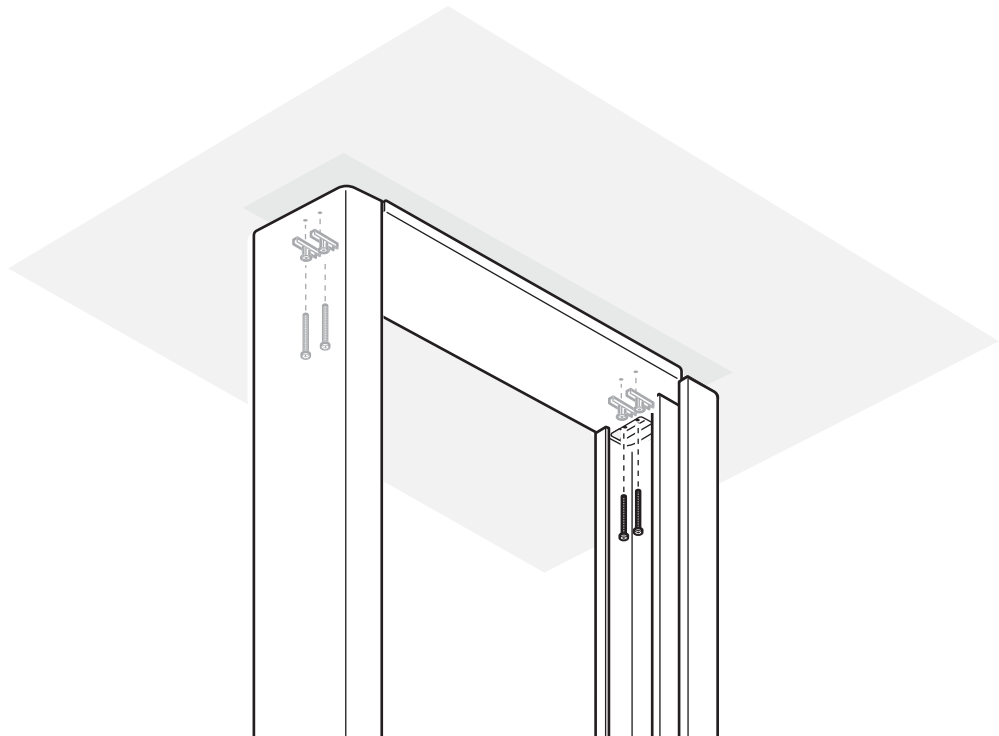
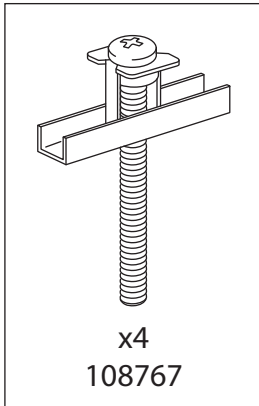
12.



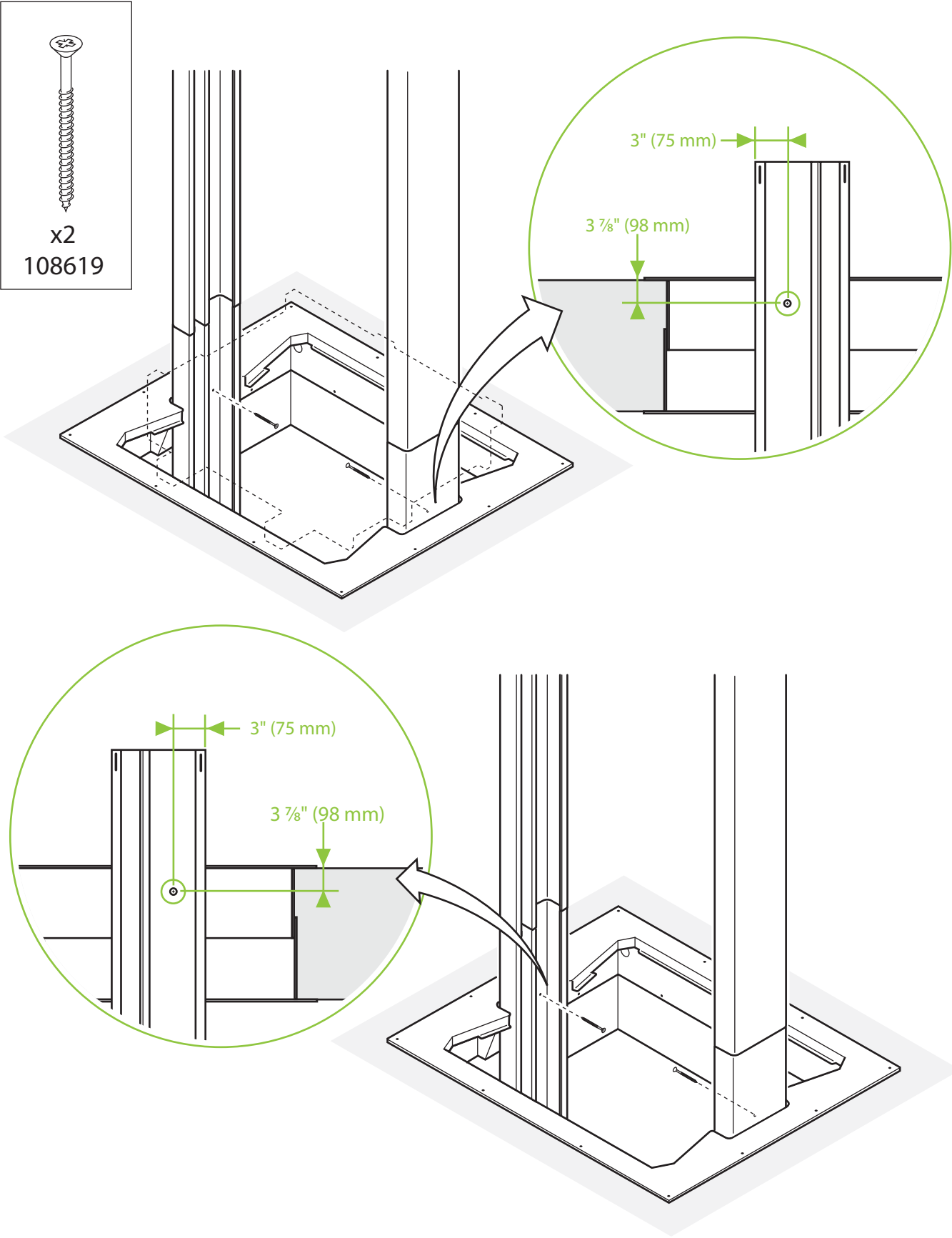
13.



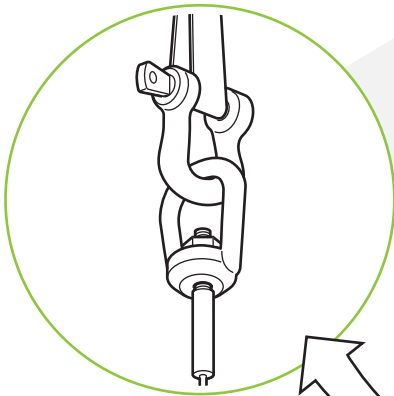
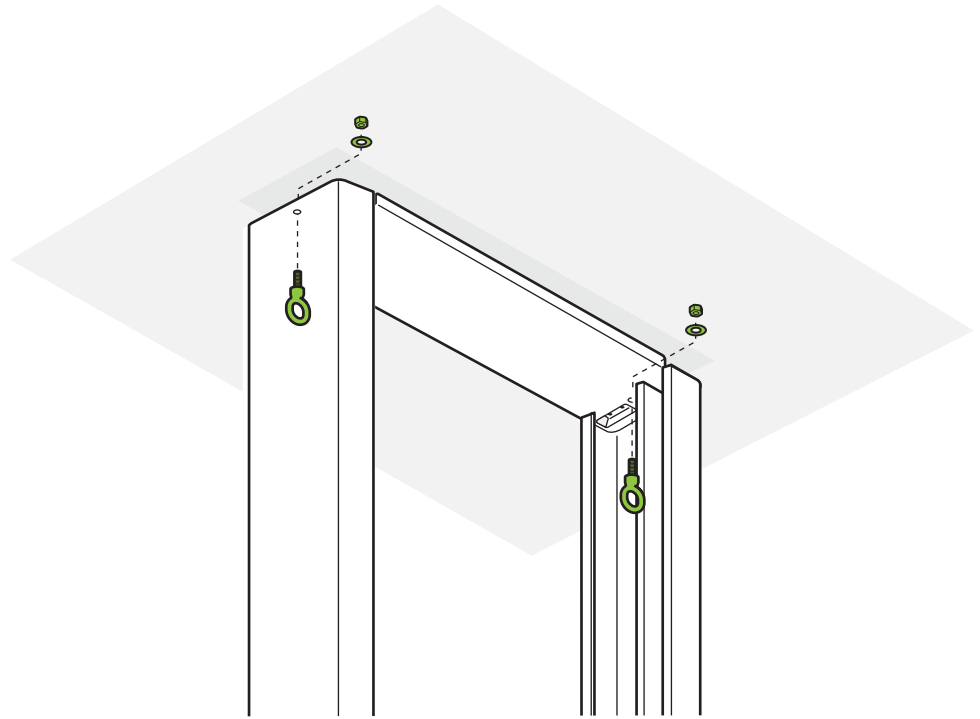
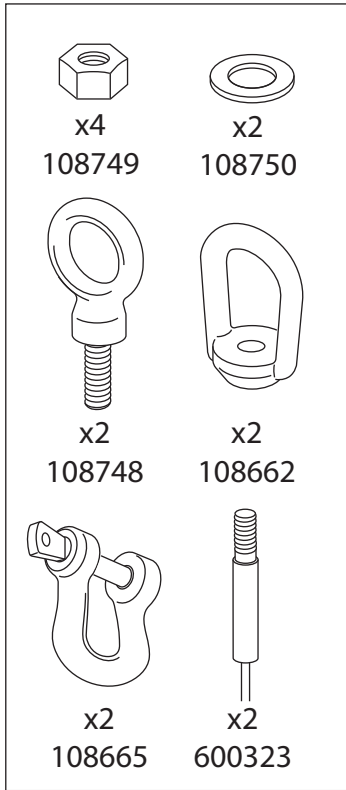
14.



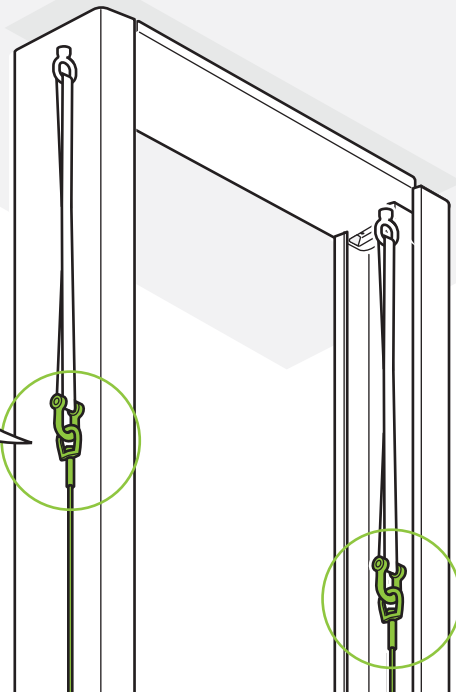
15.



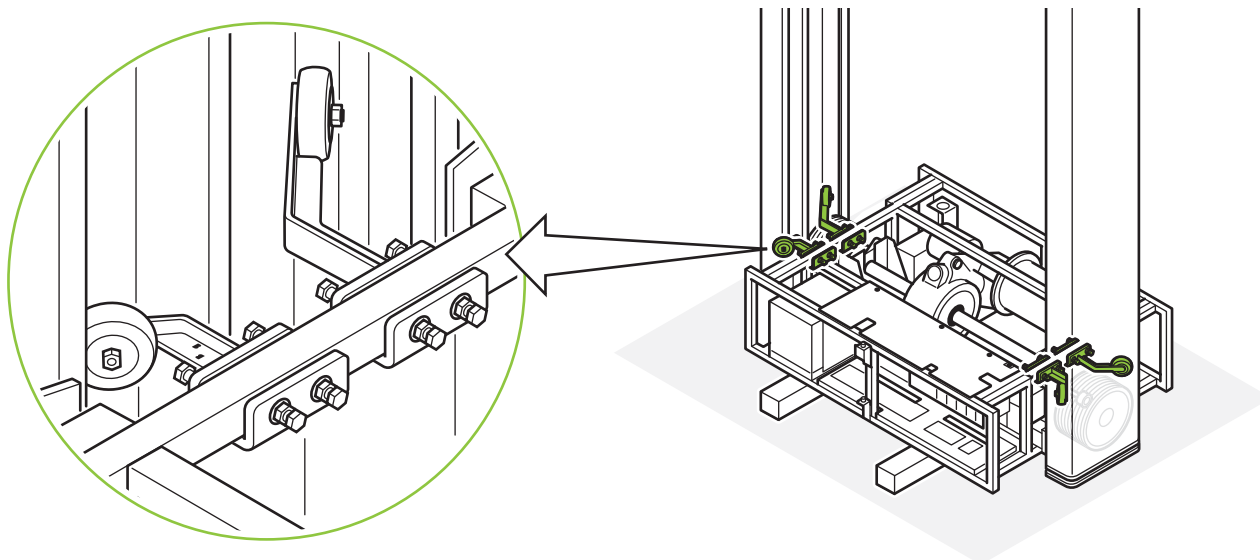
16.



Straps not required if distance from 1st and 2nd floor landing is less than 210" (5334 mm)

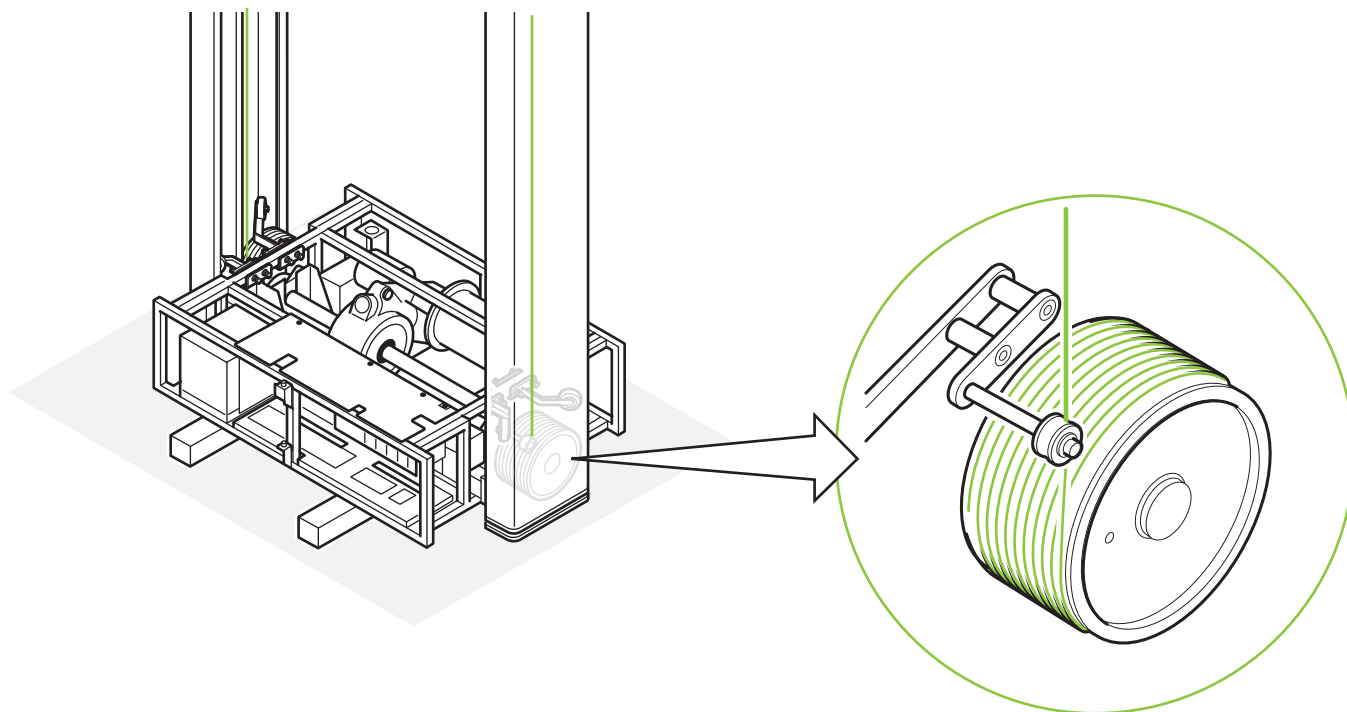


17.

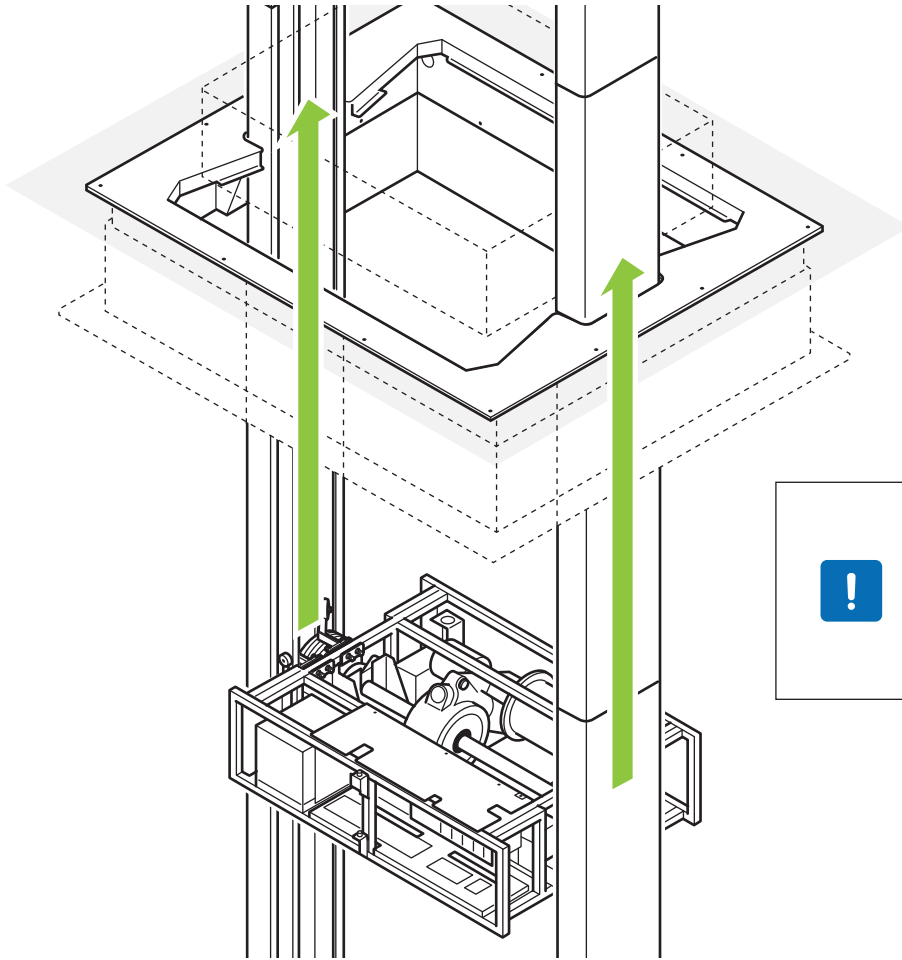
**NOTICE**

Before running the motor assembly, check for clearances between all the safety blocks and the drums.

18.



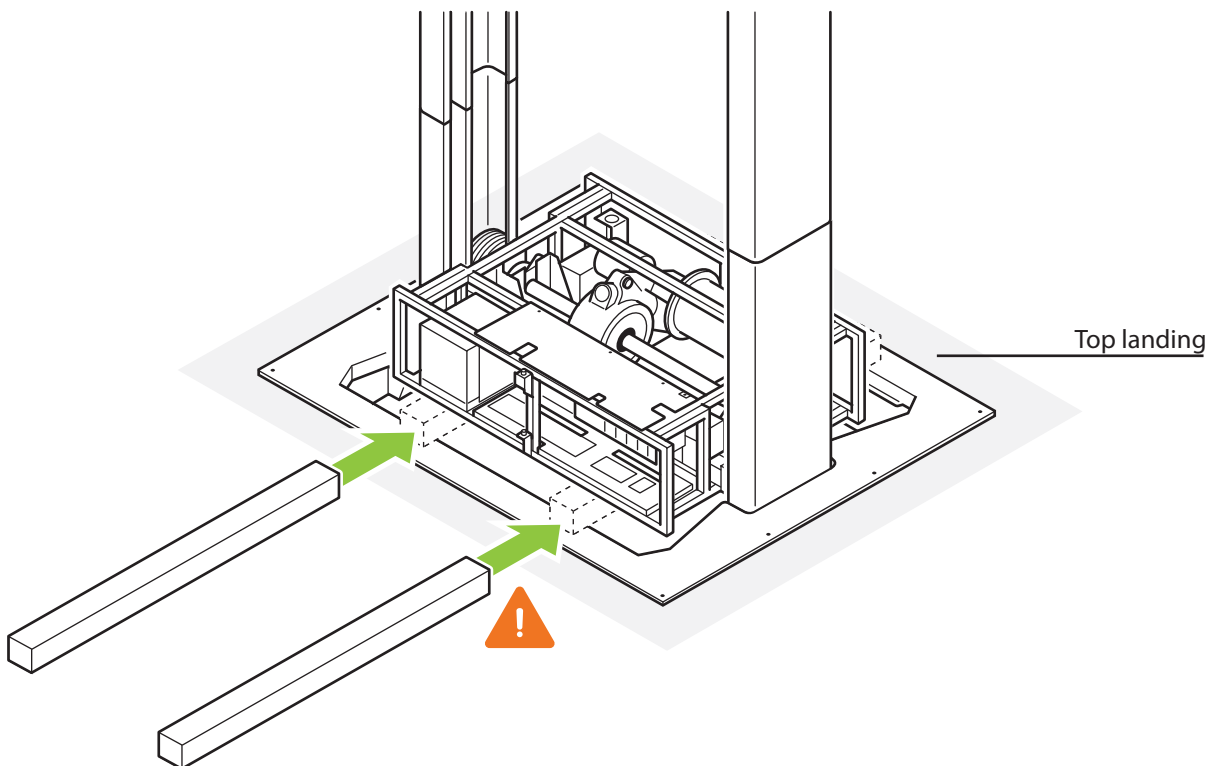
19.

**NOTICE**

Place a level beam and check the alignment of the drive box when suspended. Rope on the ceiling plate can be adjusted to make the drive box leveled.

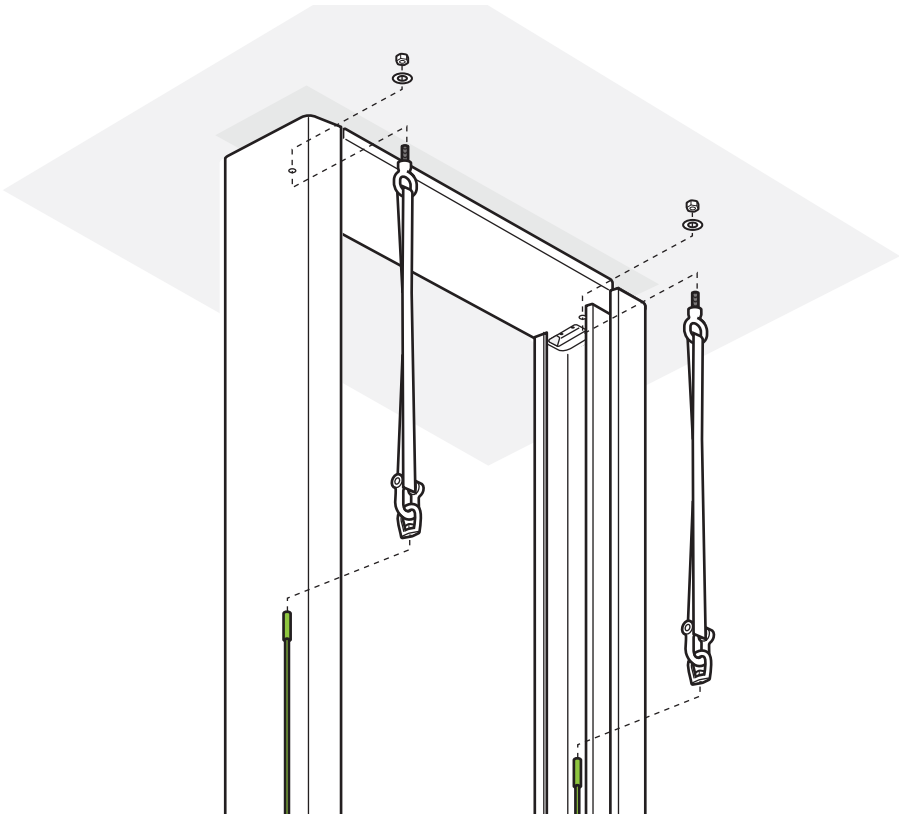


20.

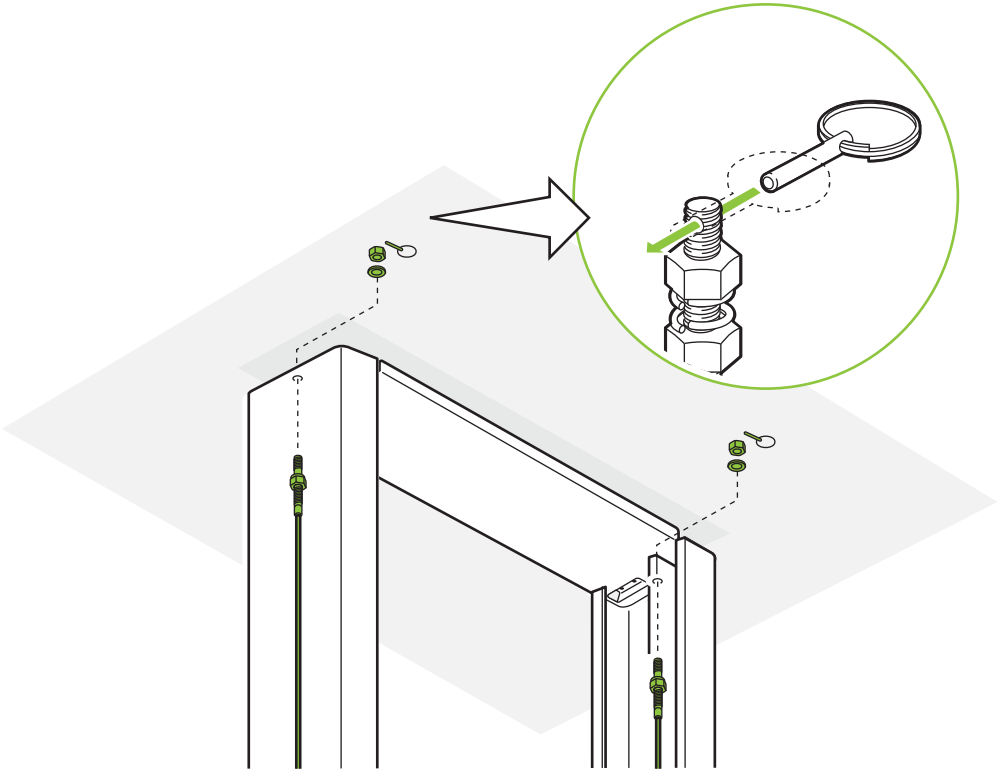
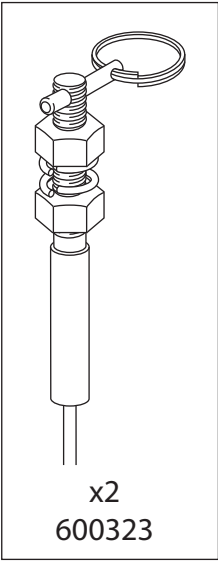


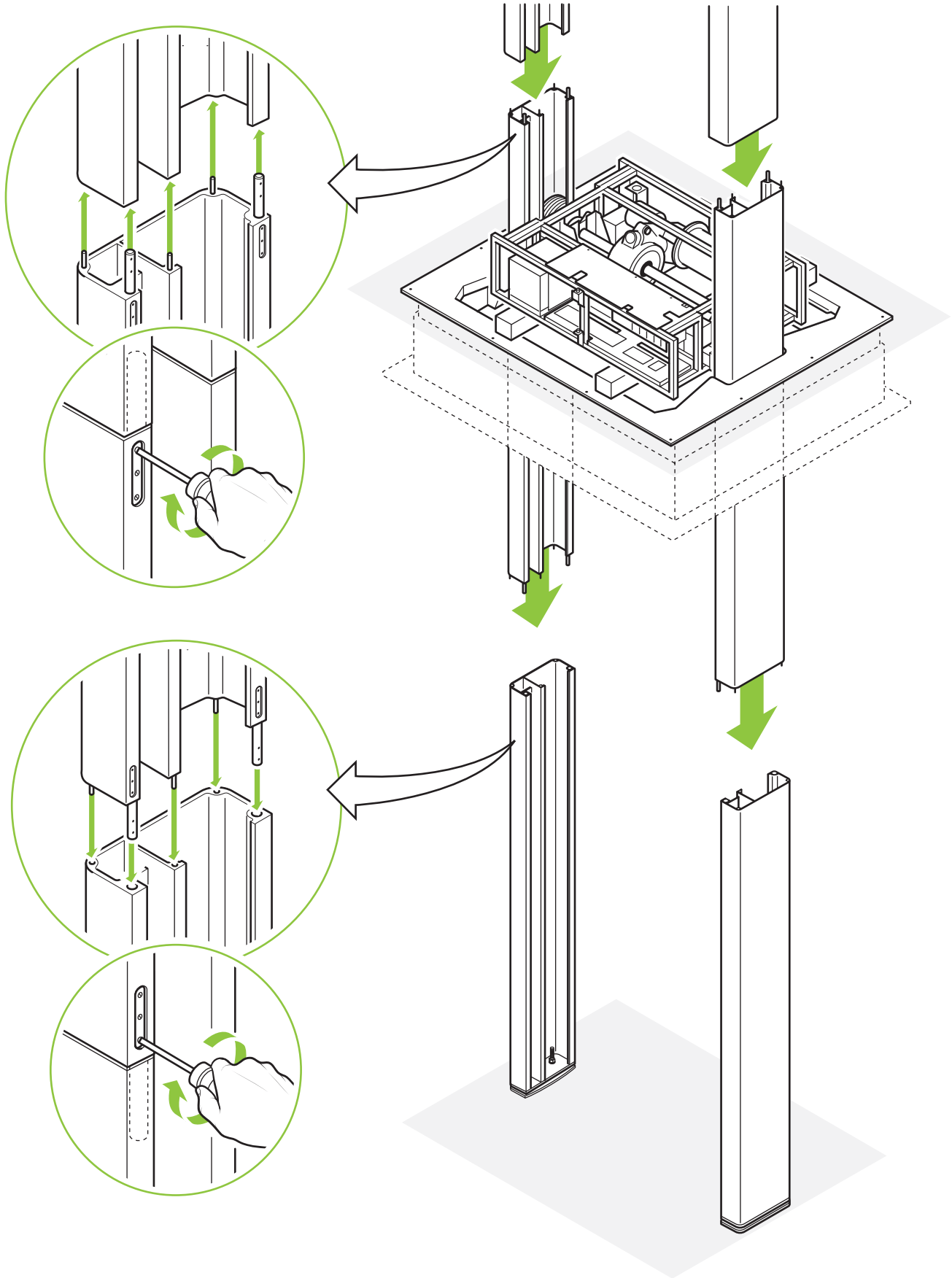
Top landing

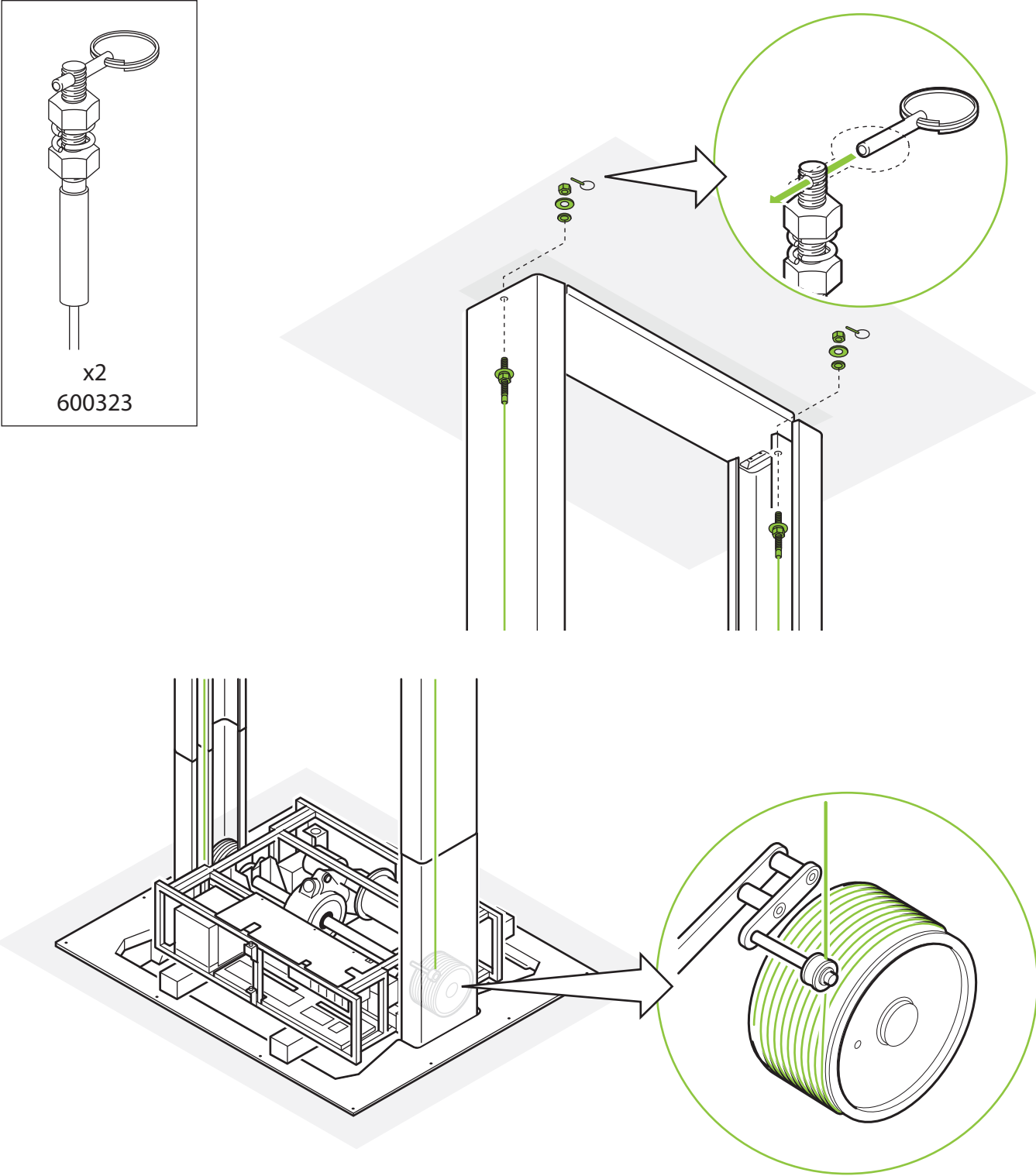
21.



22.

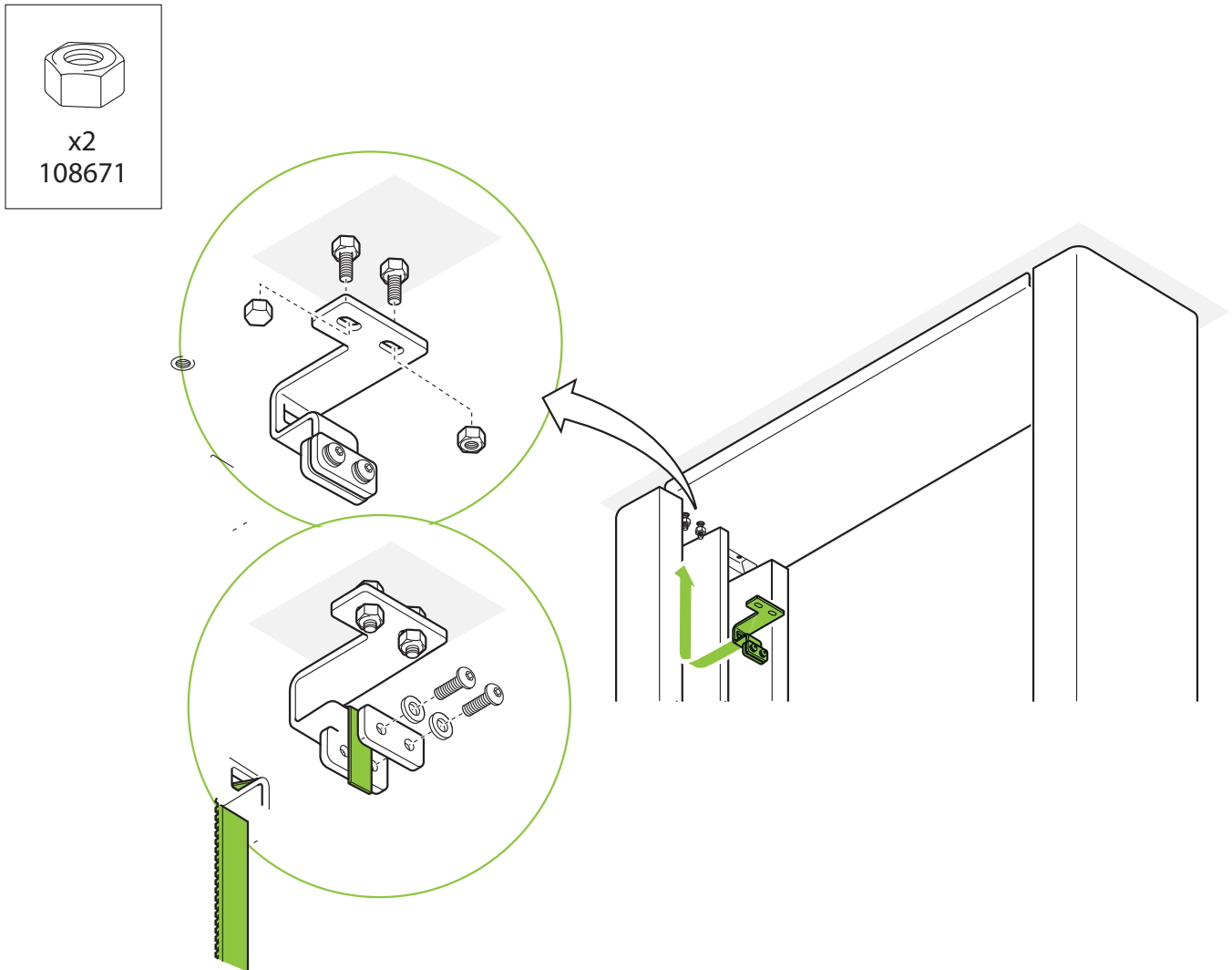


ALTERNATIVE METHOD:

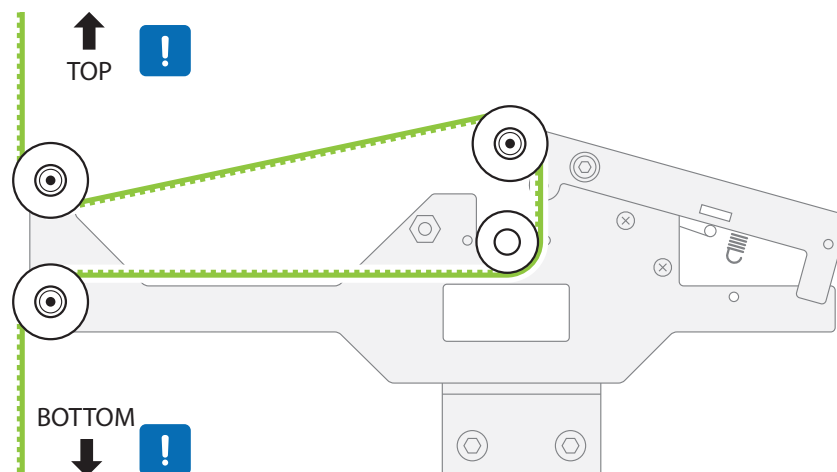


STEP 4: OVERSPEED PROTECTION BELT INSTALLATION

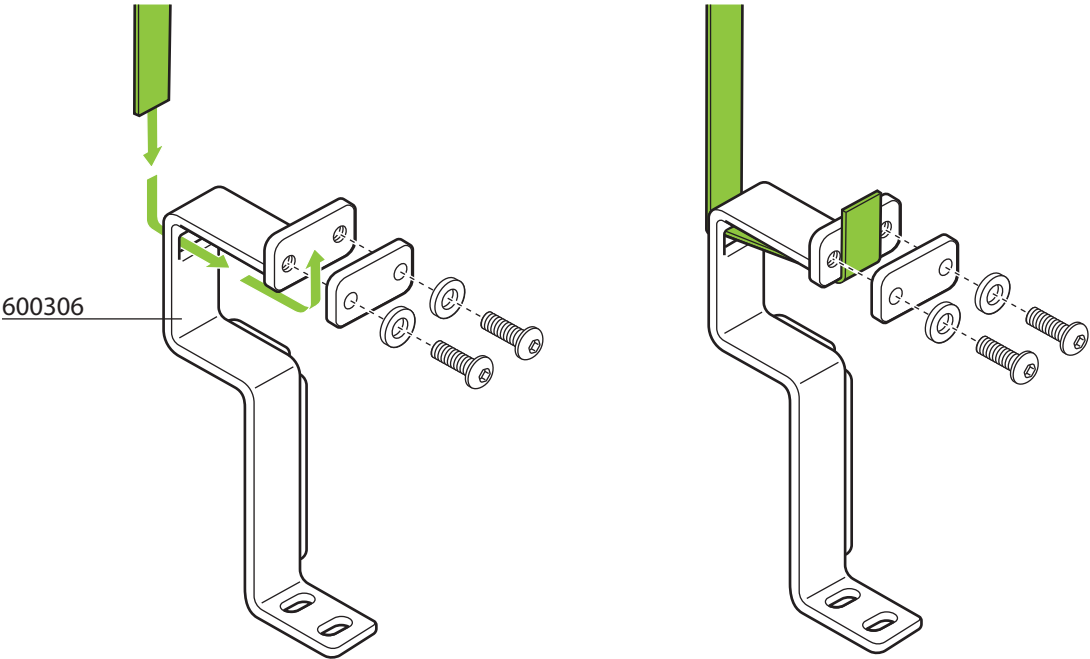
1.



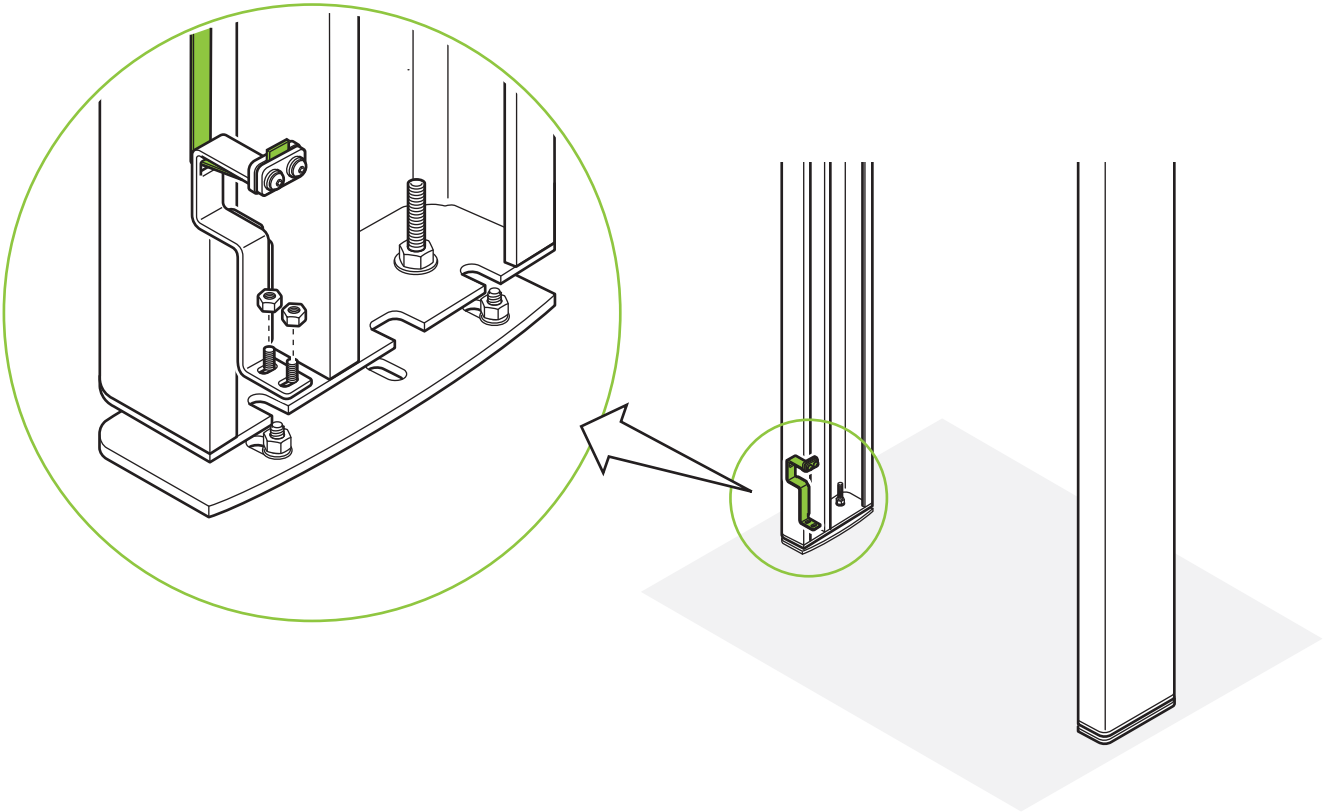
2.



3.

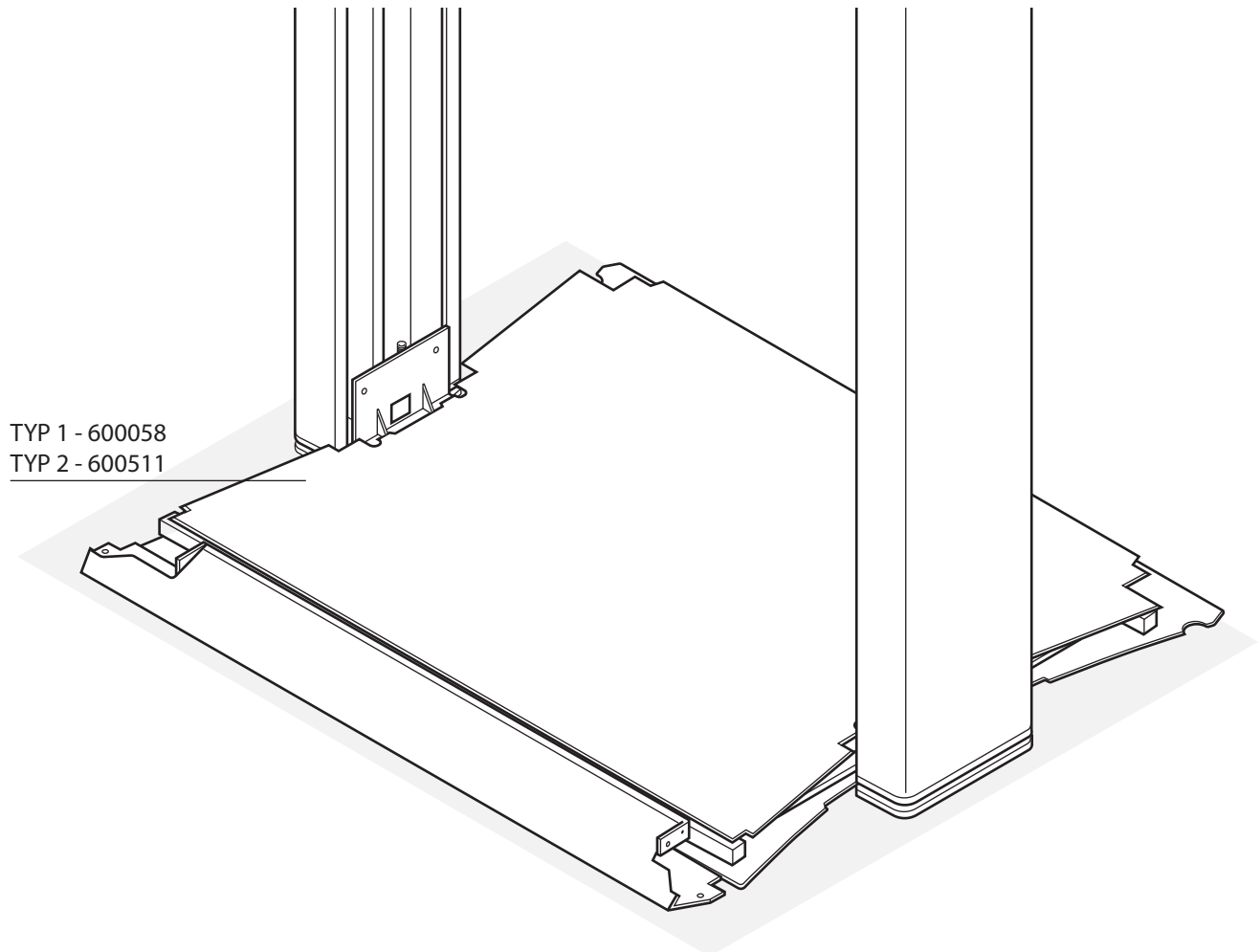
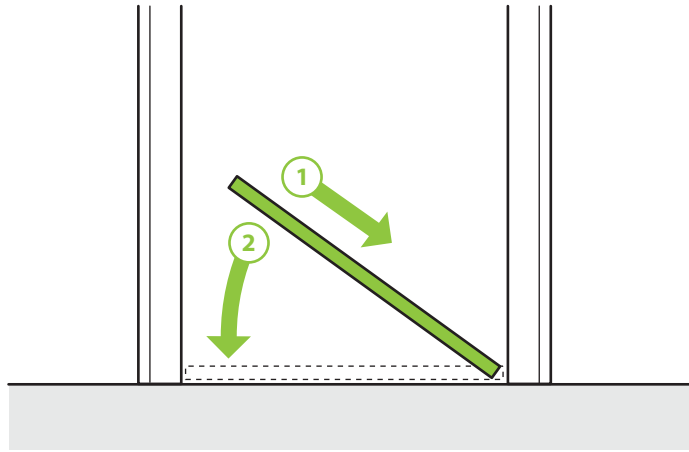


4.

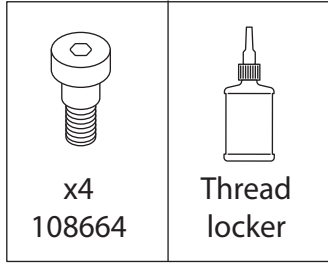


STEP 5: CABIN INSTALLATION

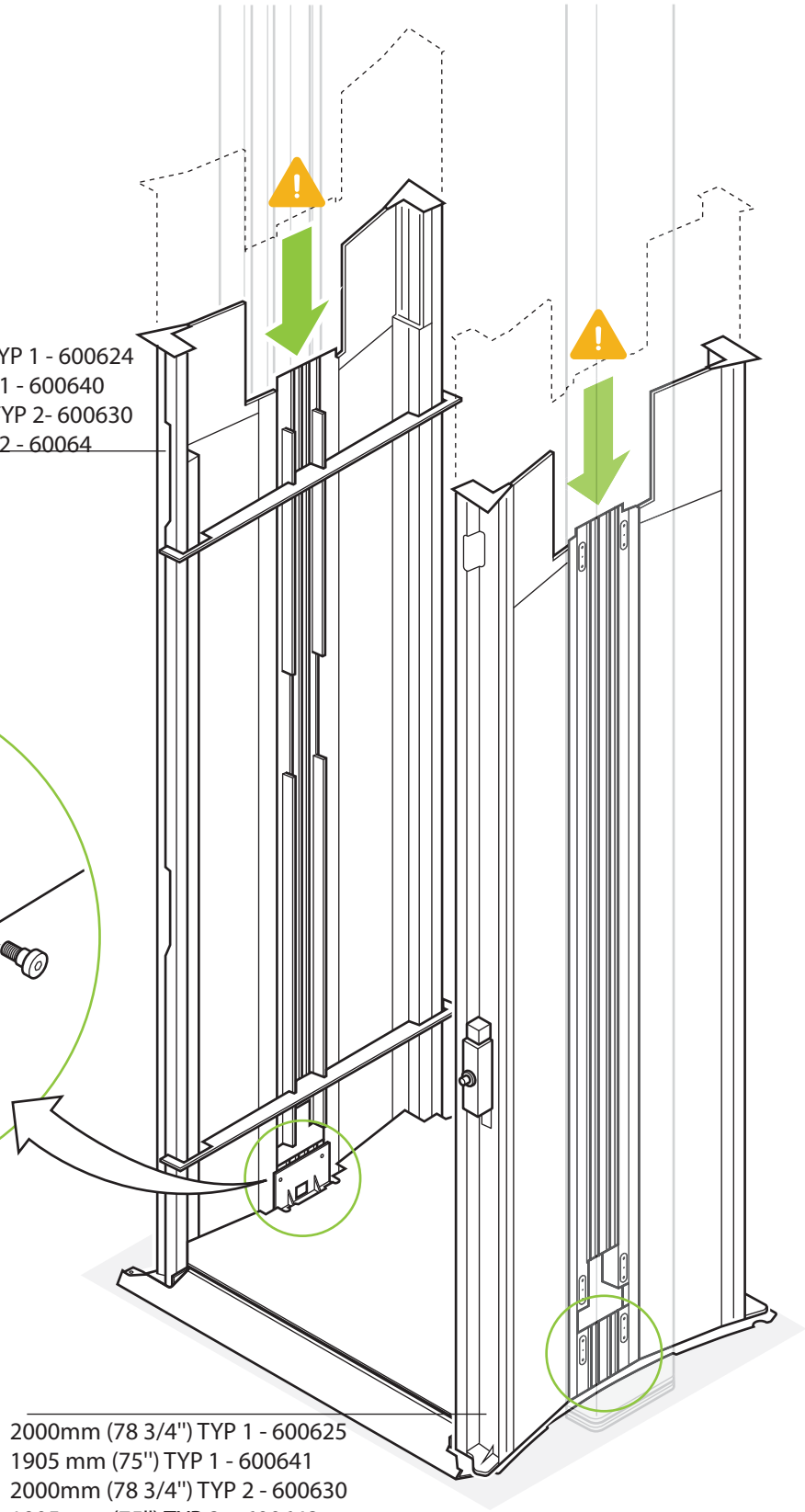
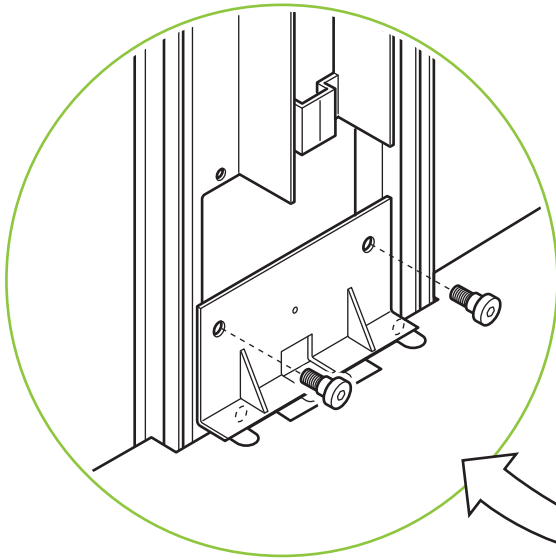
1. Floor Installation



2. Wall Installation

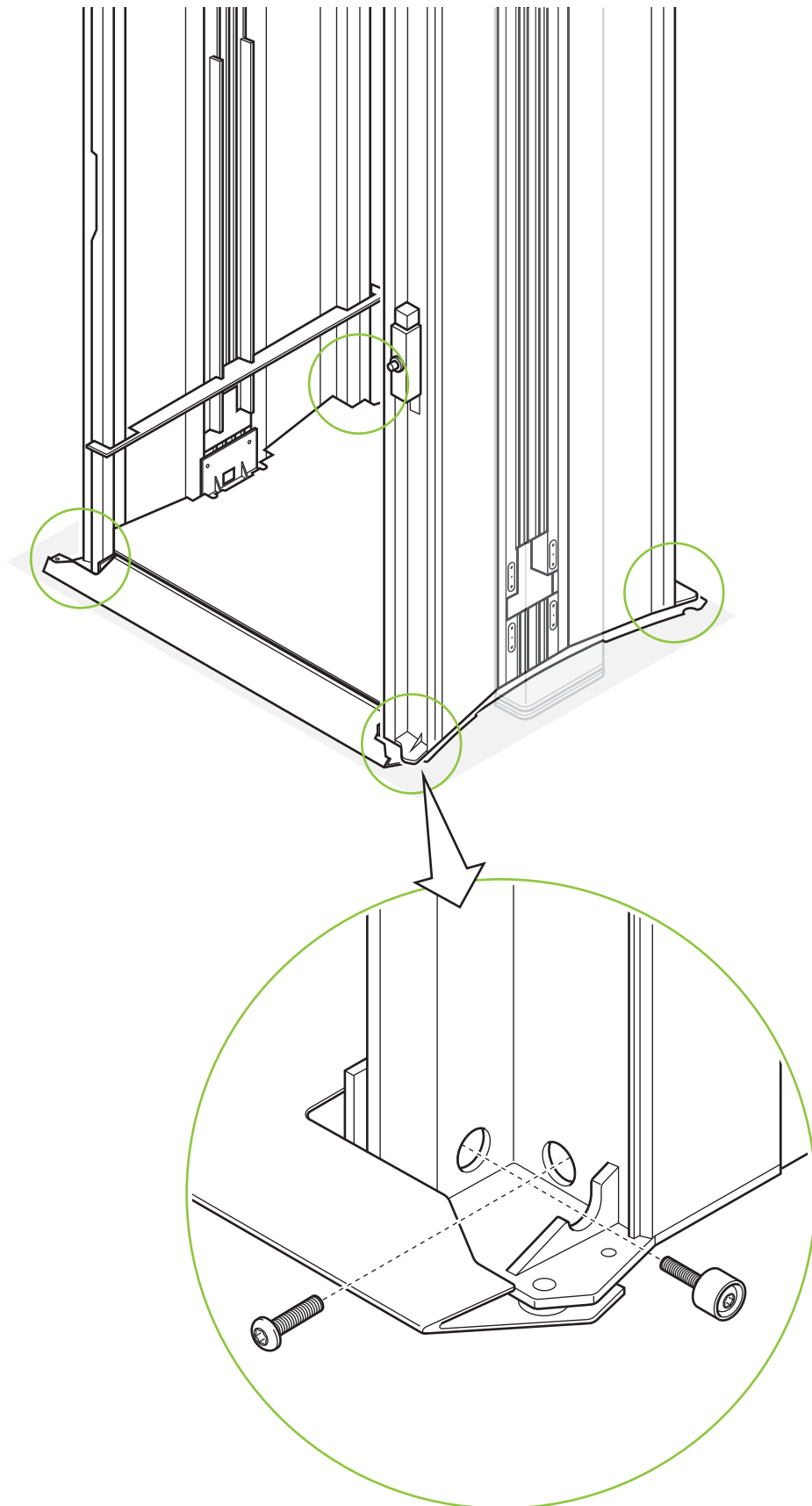
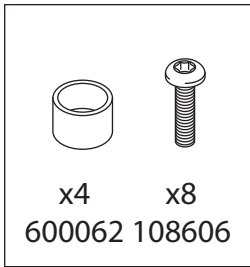


2000mm (78 3/4") TYP 1 - 600624
 1905 mm (75") TYP 1 - 600640
 2000mm (78 3/4") TYP 2 - 600630
 1905 mm (75") TYP 2 - 60064

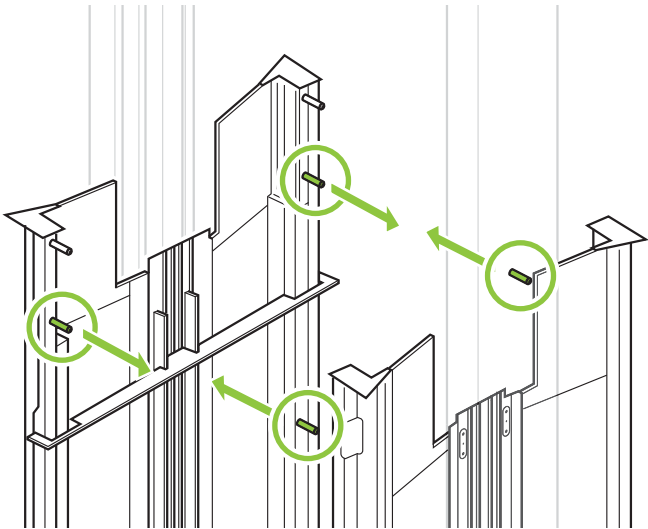
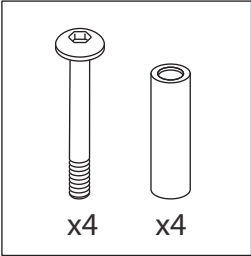


2000mm (78 3/4") TYP 1 - 600625
 1905 mm (75") TYP 1 - 600641
 2000mm (78 3/4") TYP 2 - 600630
 1905 mm (75") TYP 2 - 600642

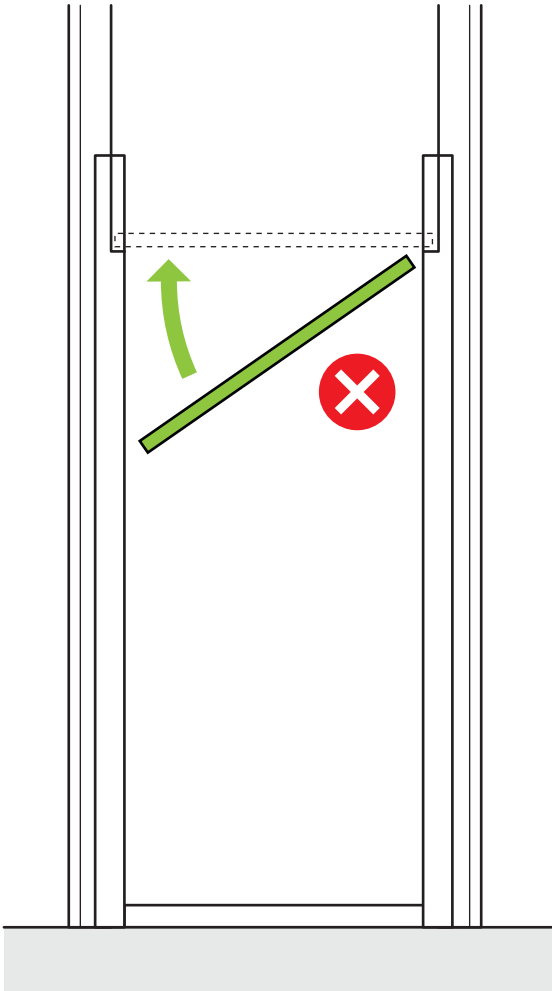
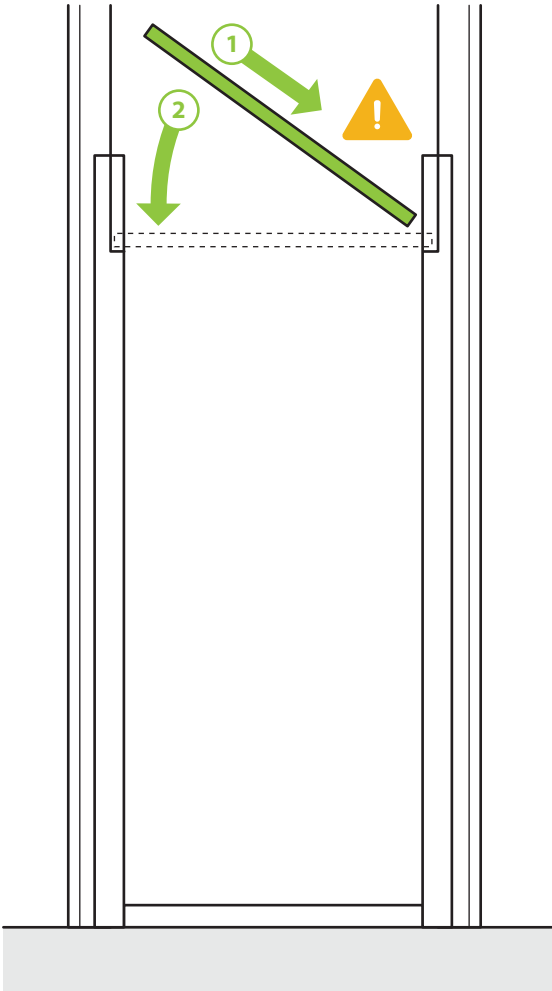
3.



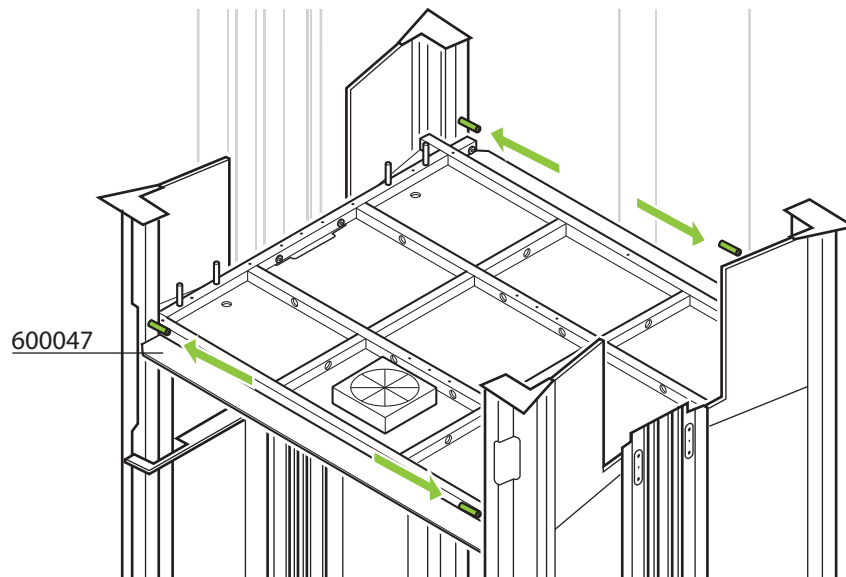
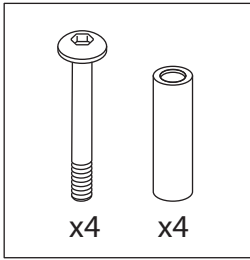
4. Ceiling installation



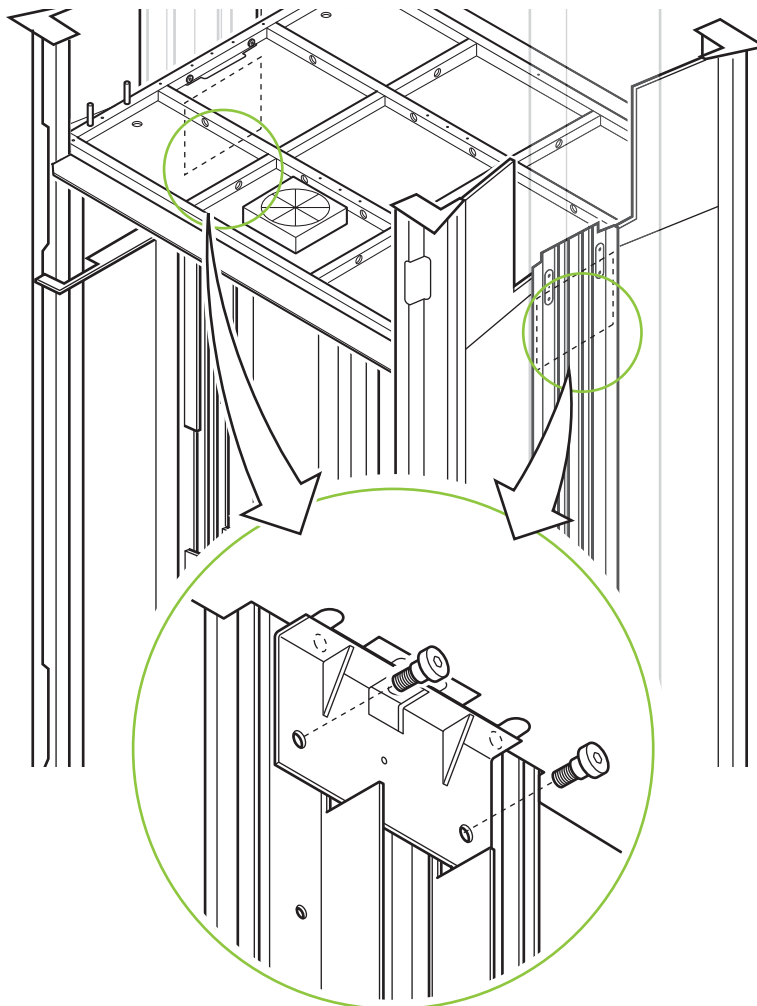
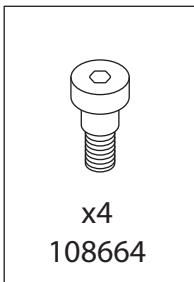
5.



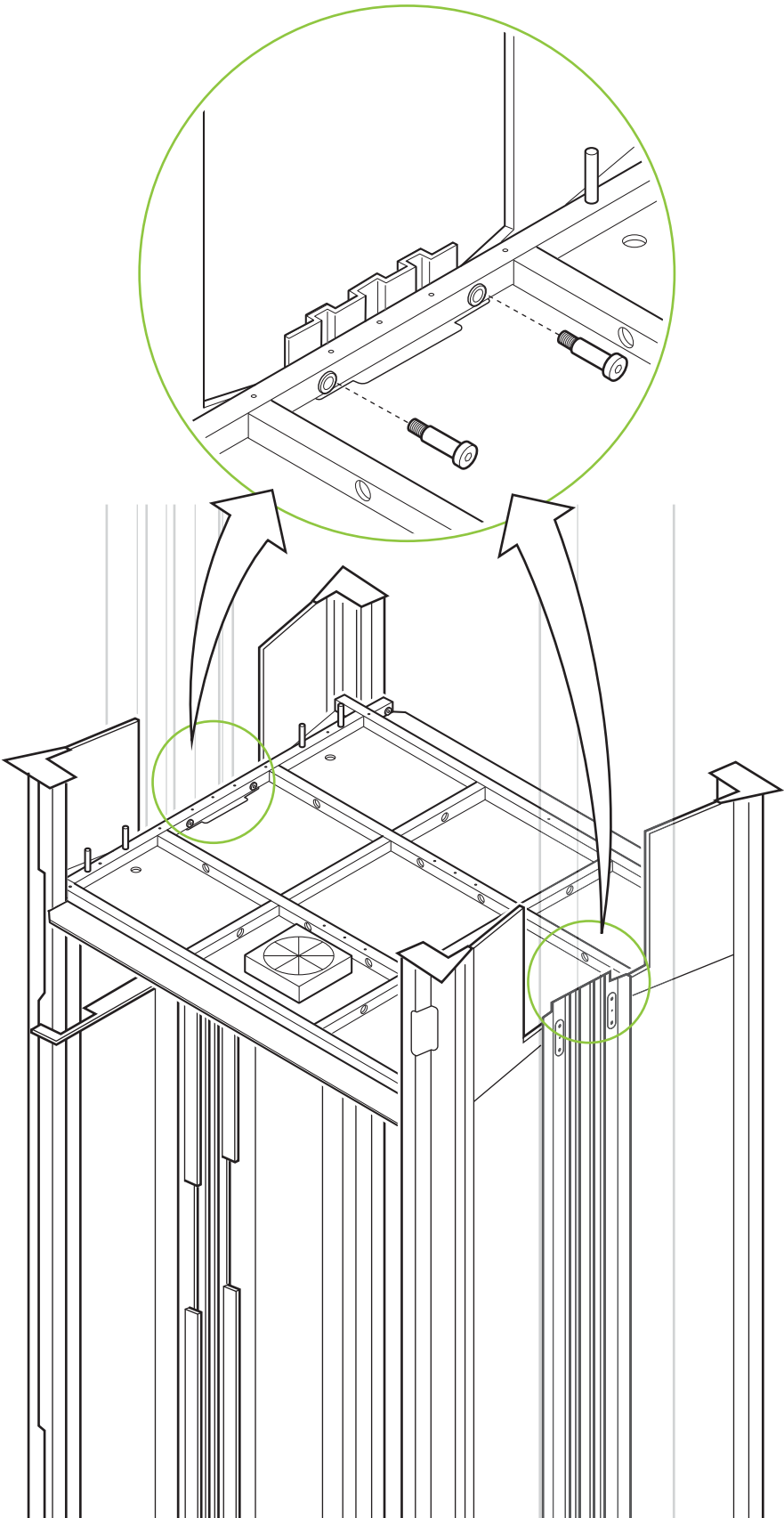
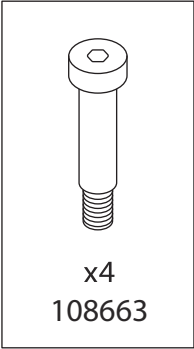
6.



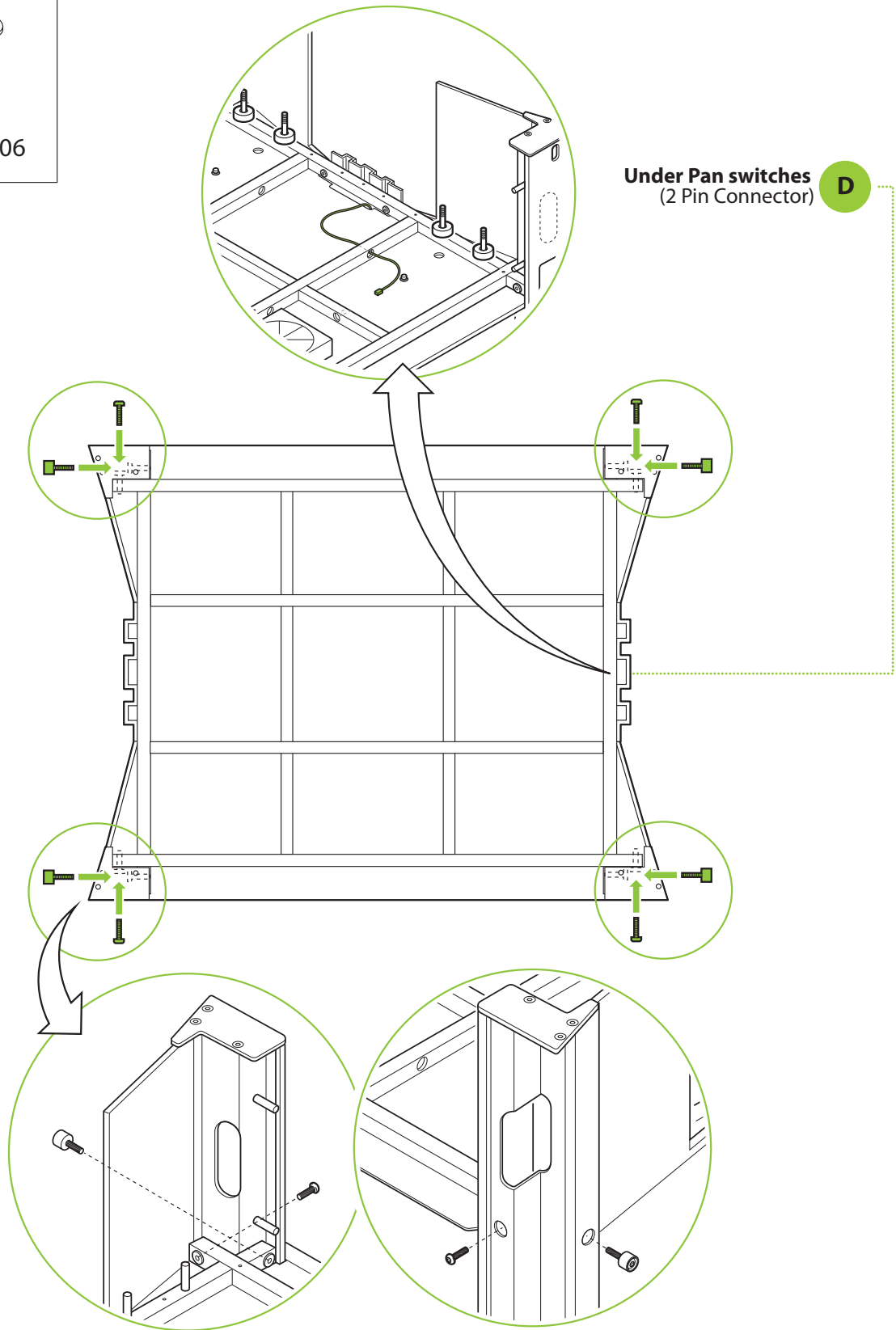
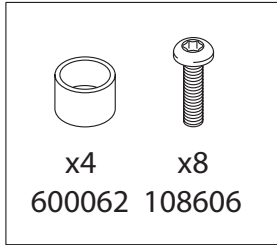
7.



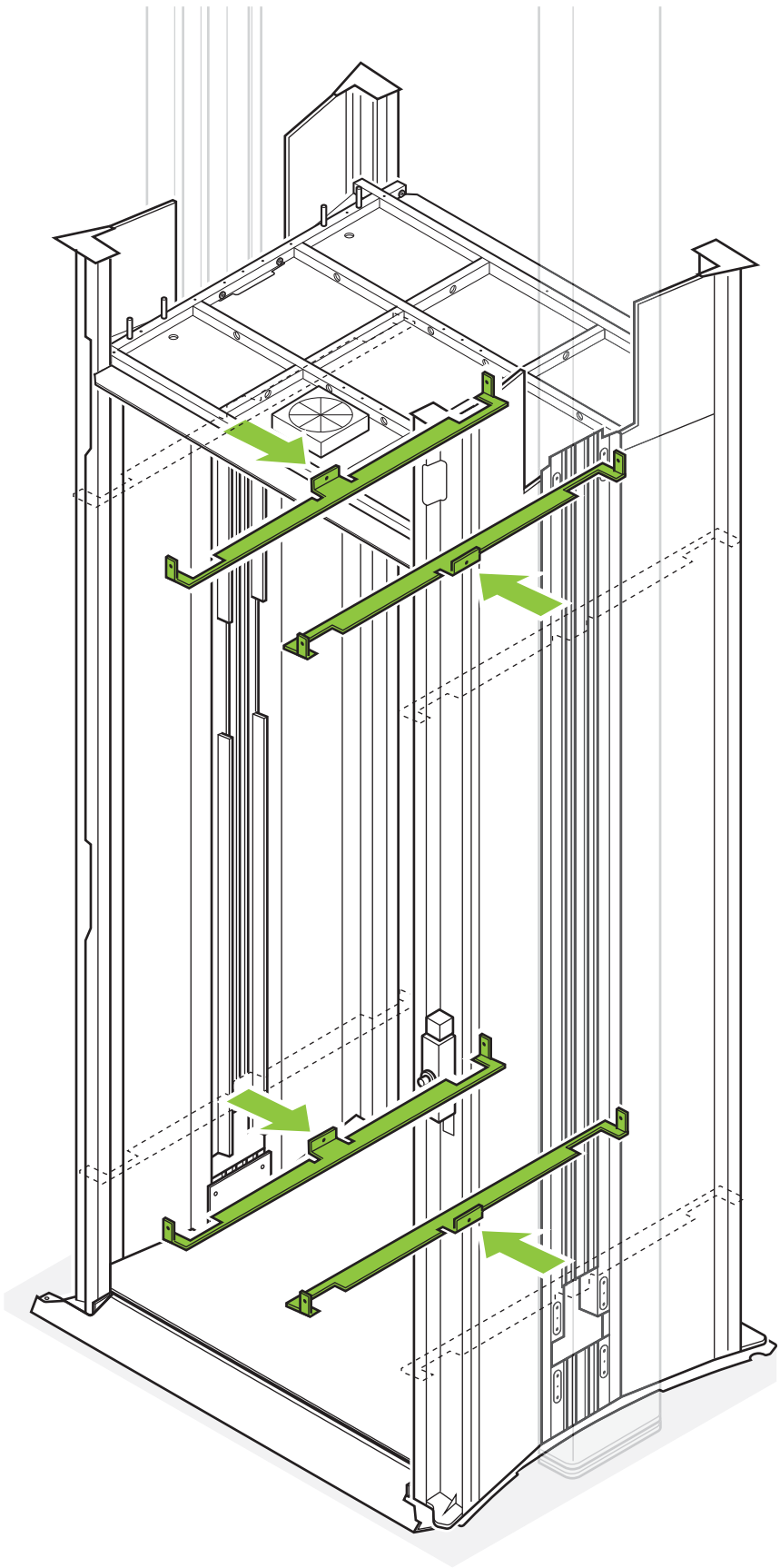
8.



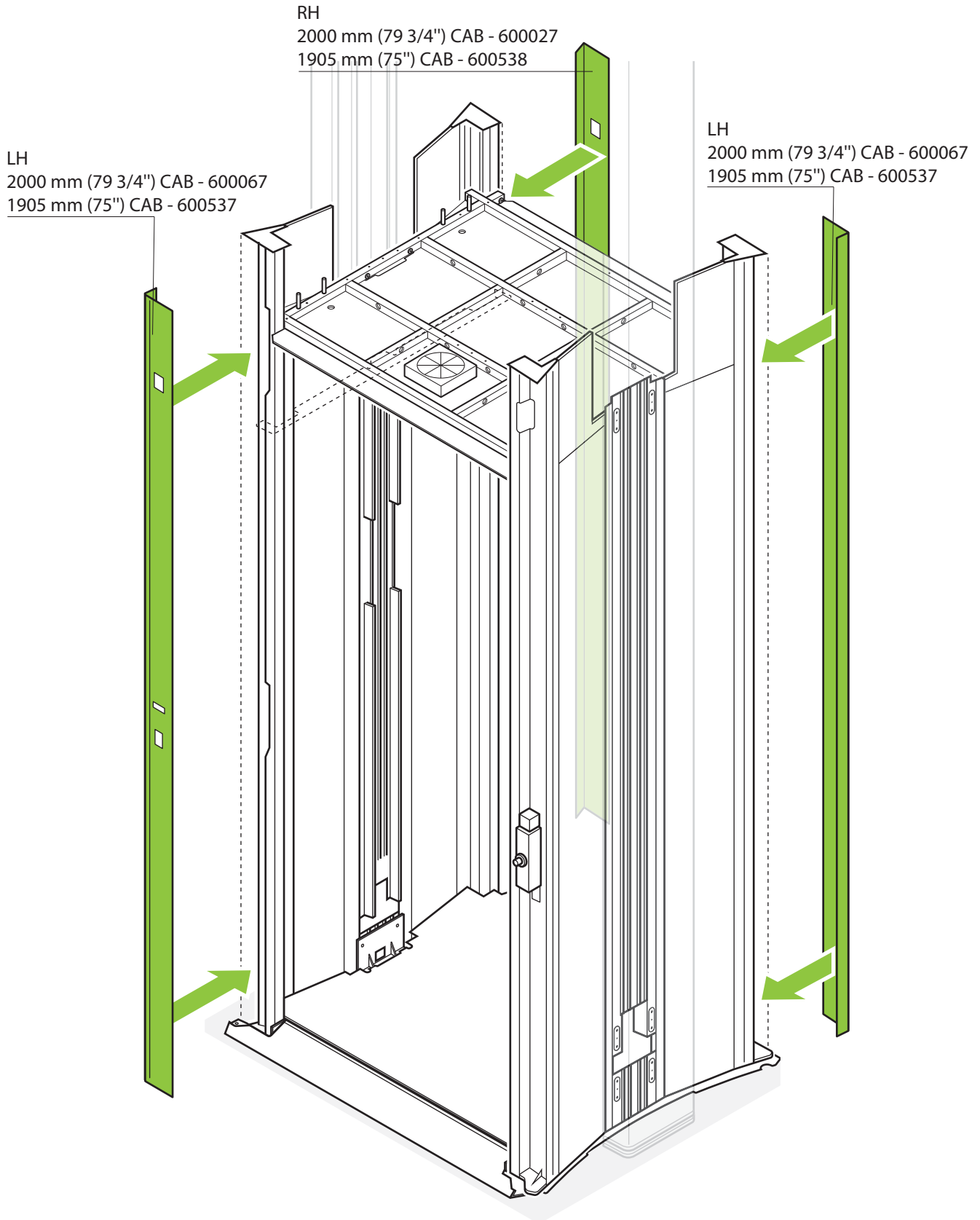
9.



10.

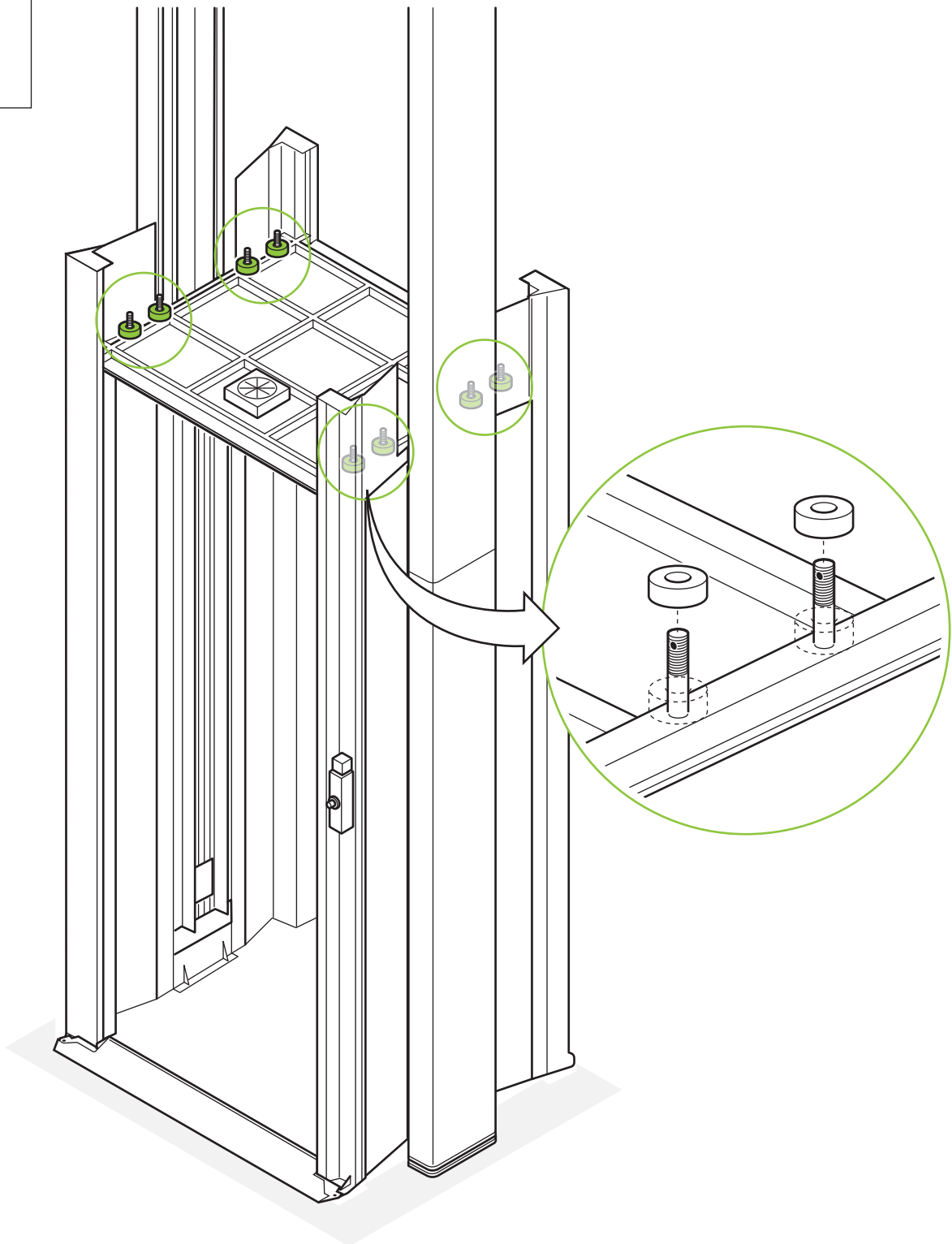
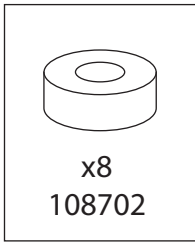


11.

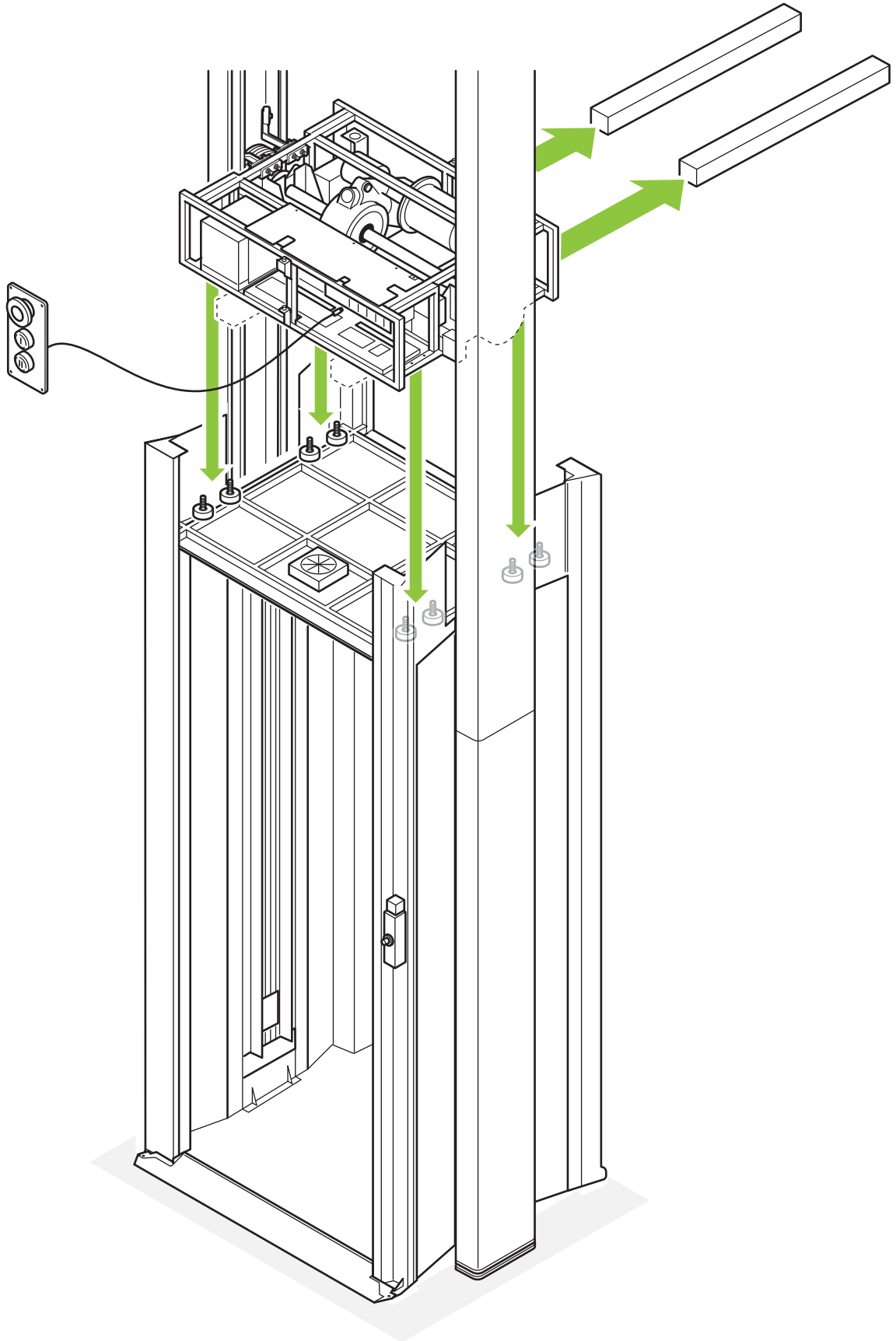


STEP 6: DRIVE BOX AND CABIN INSTALLATION

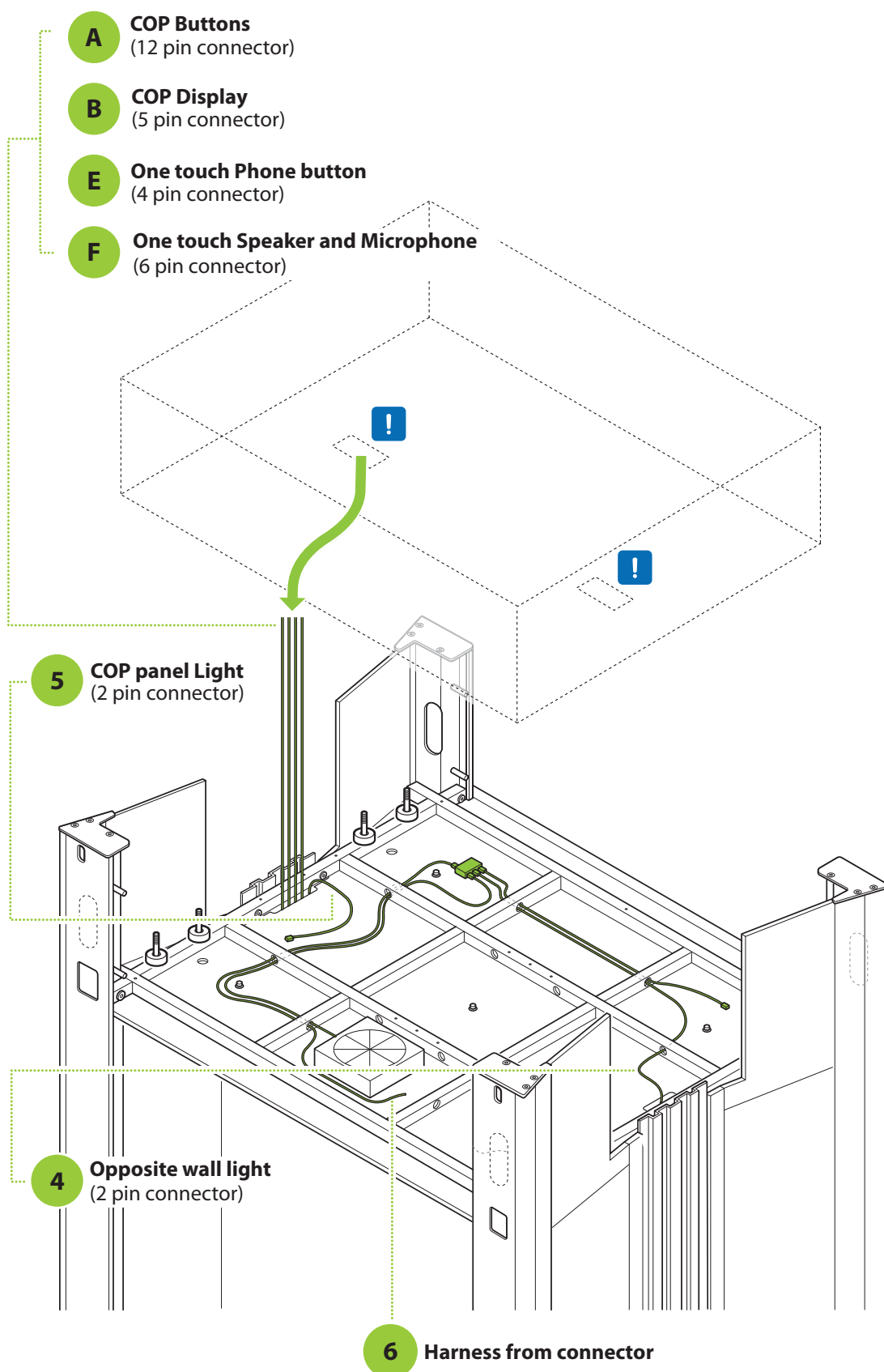
1.



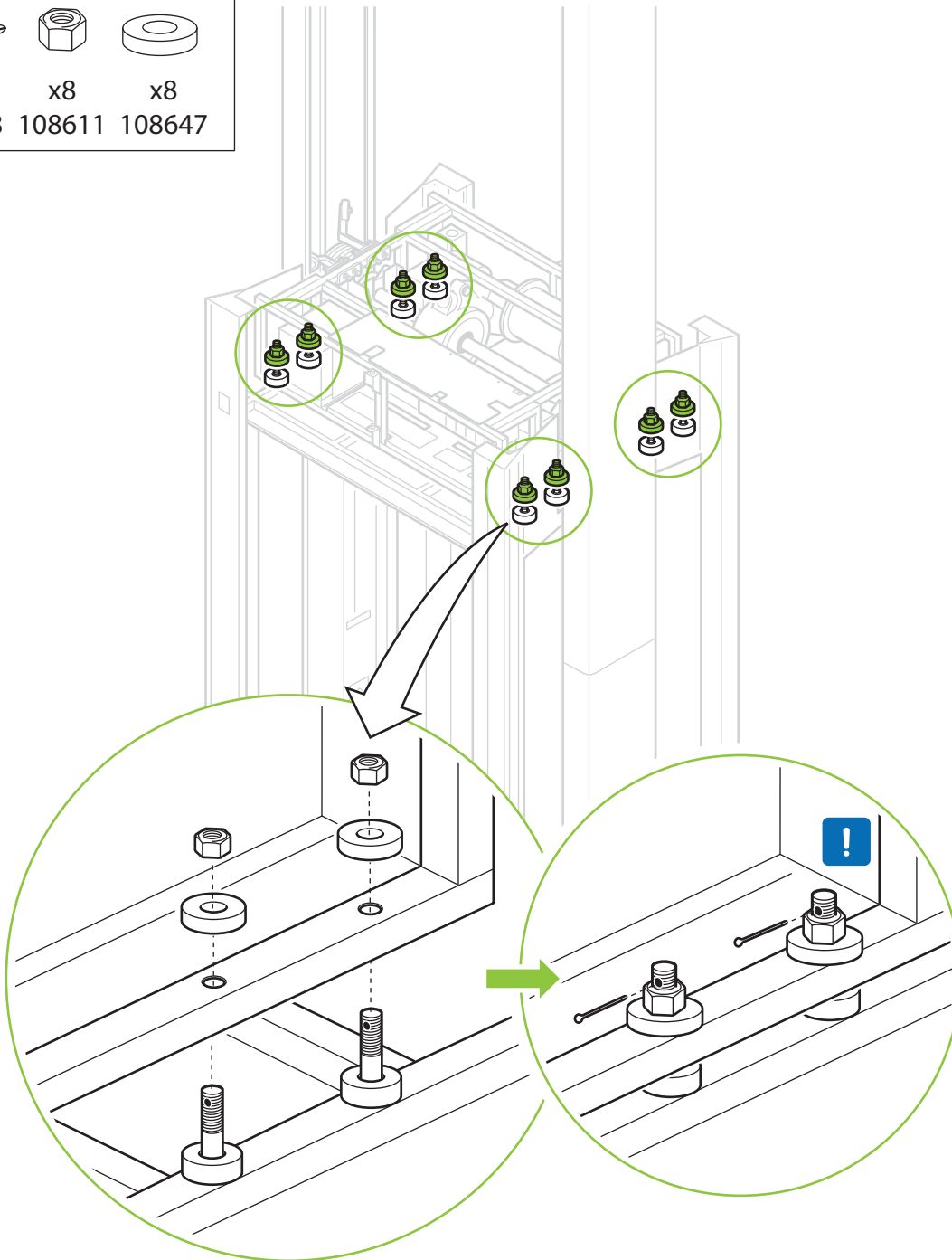
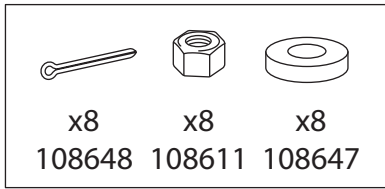
2.



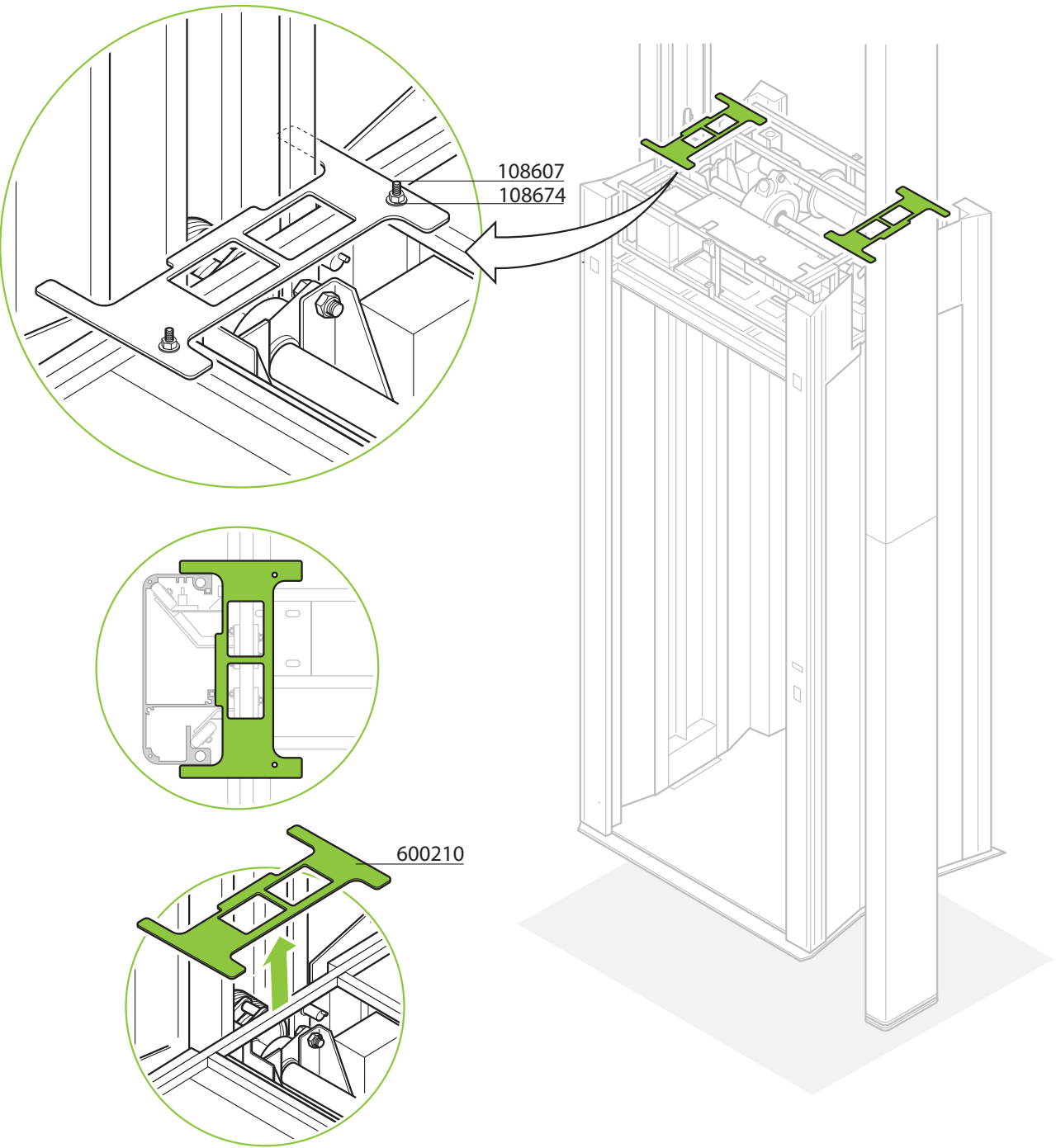
3.



4.

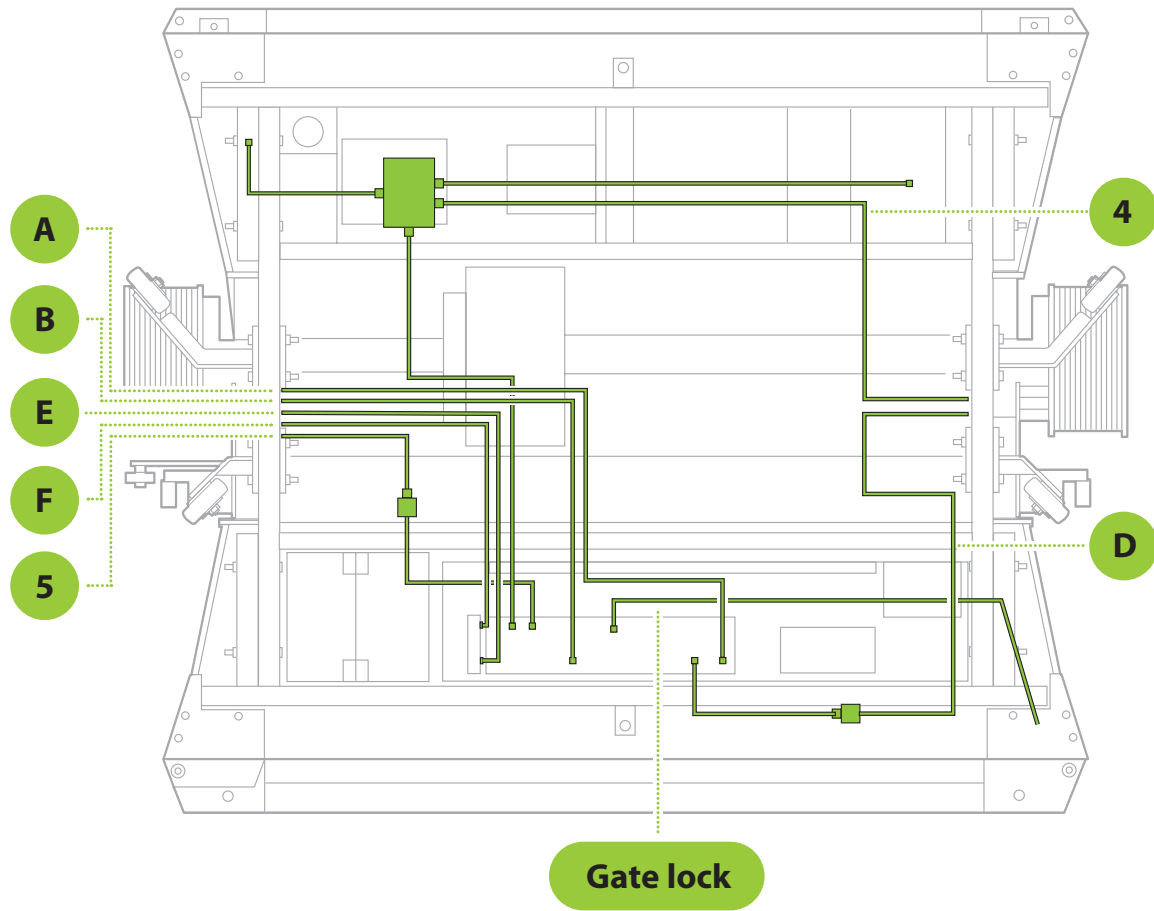


5.



Remove the Jigs
after roller instalaltion

6.

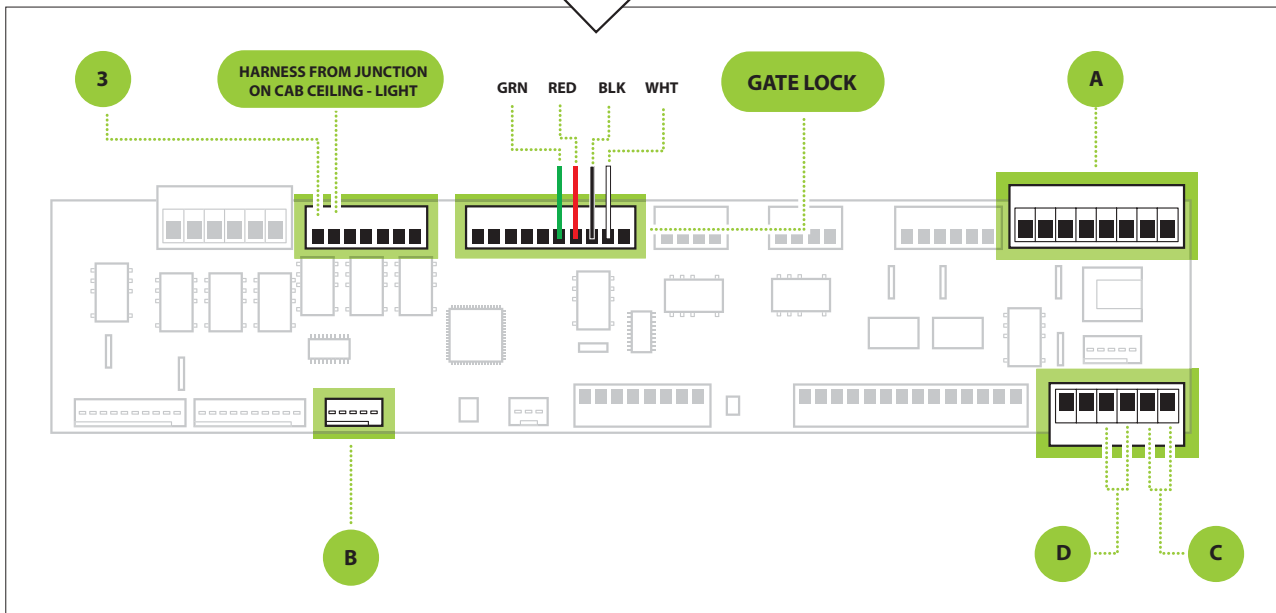
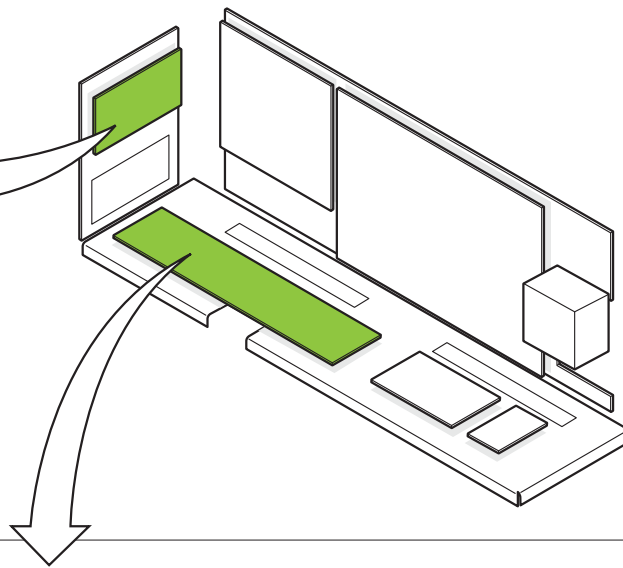
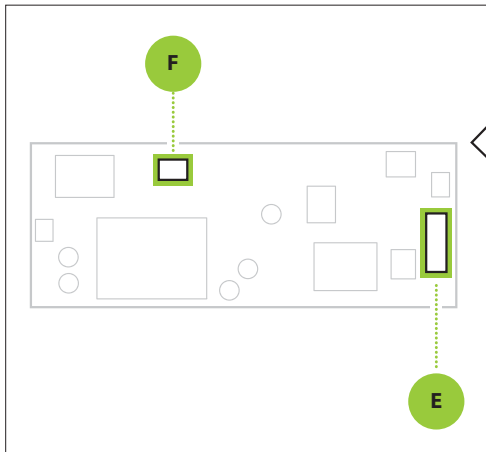
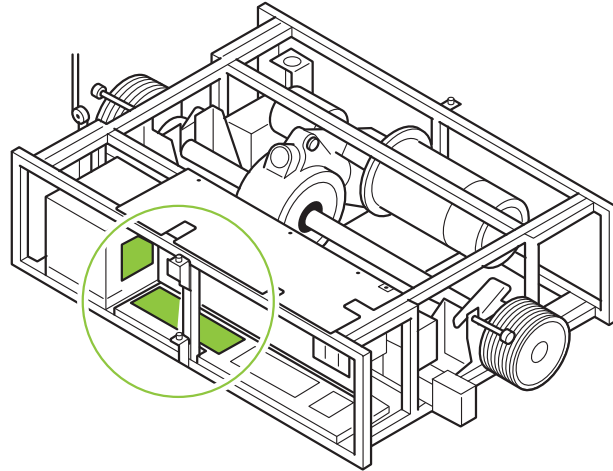


7. Type 1

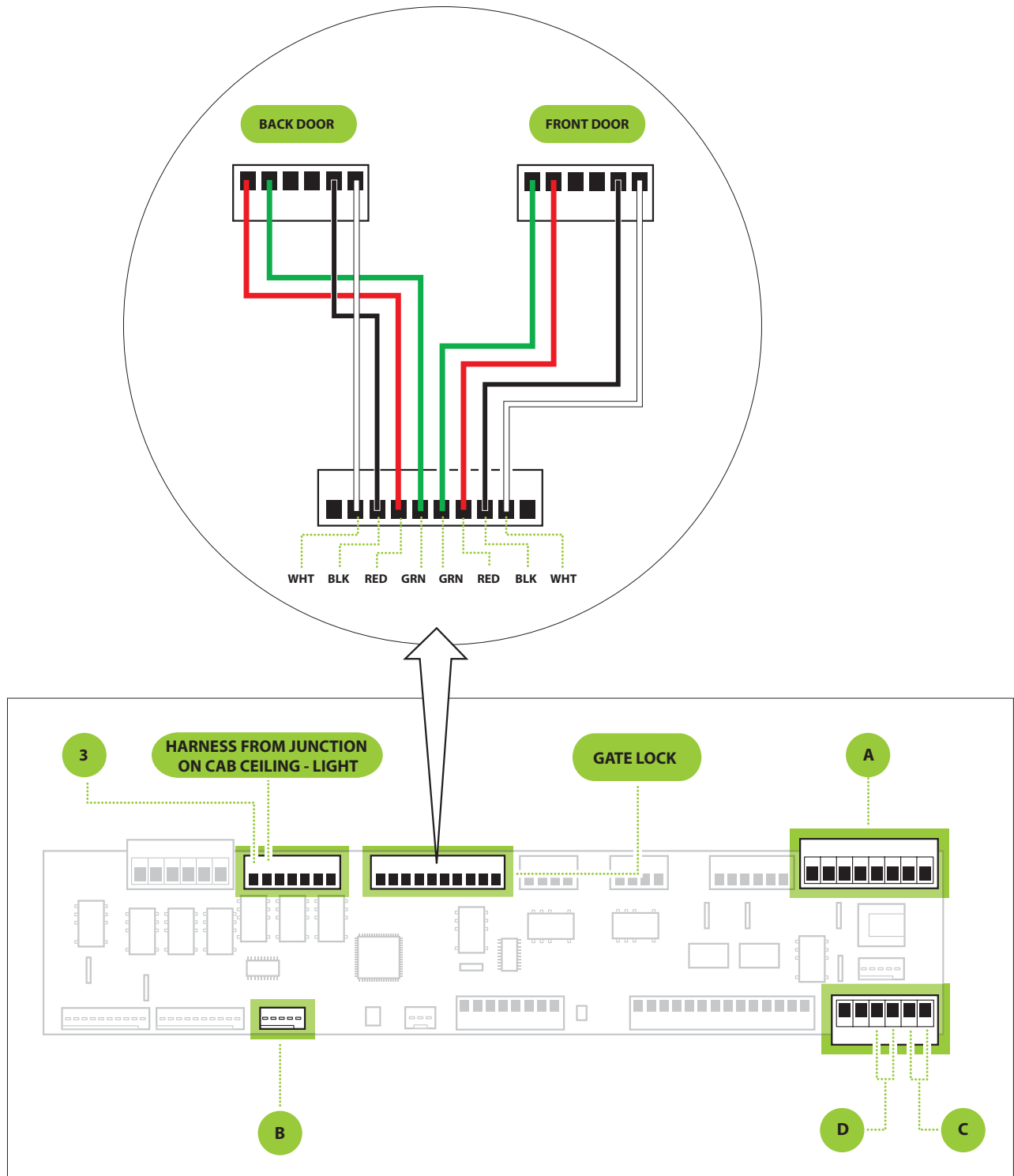


NOTICE

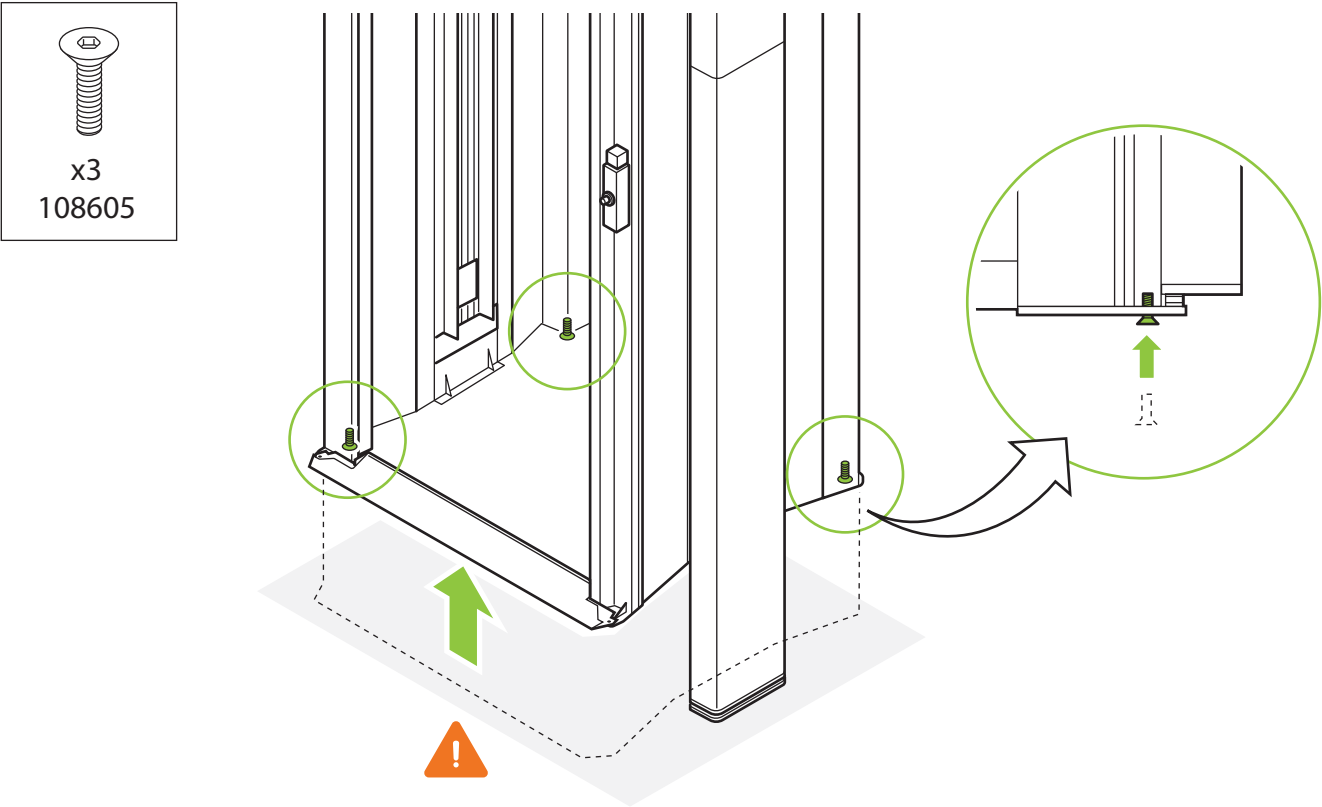
Remove all the jumper with Temporary jumper tag and connect the harness from the CAB before running in automatic mode.



7.Type 2

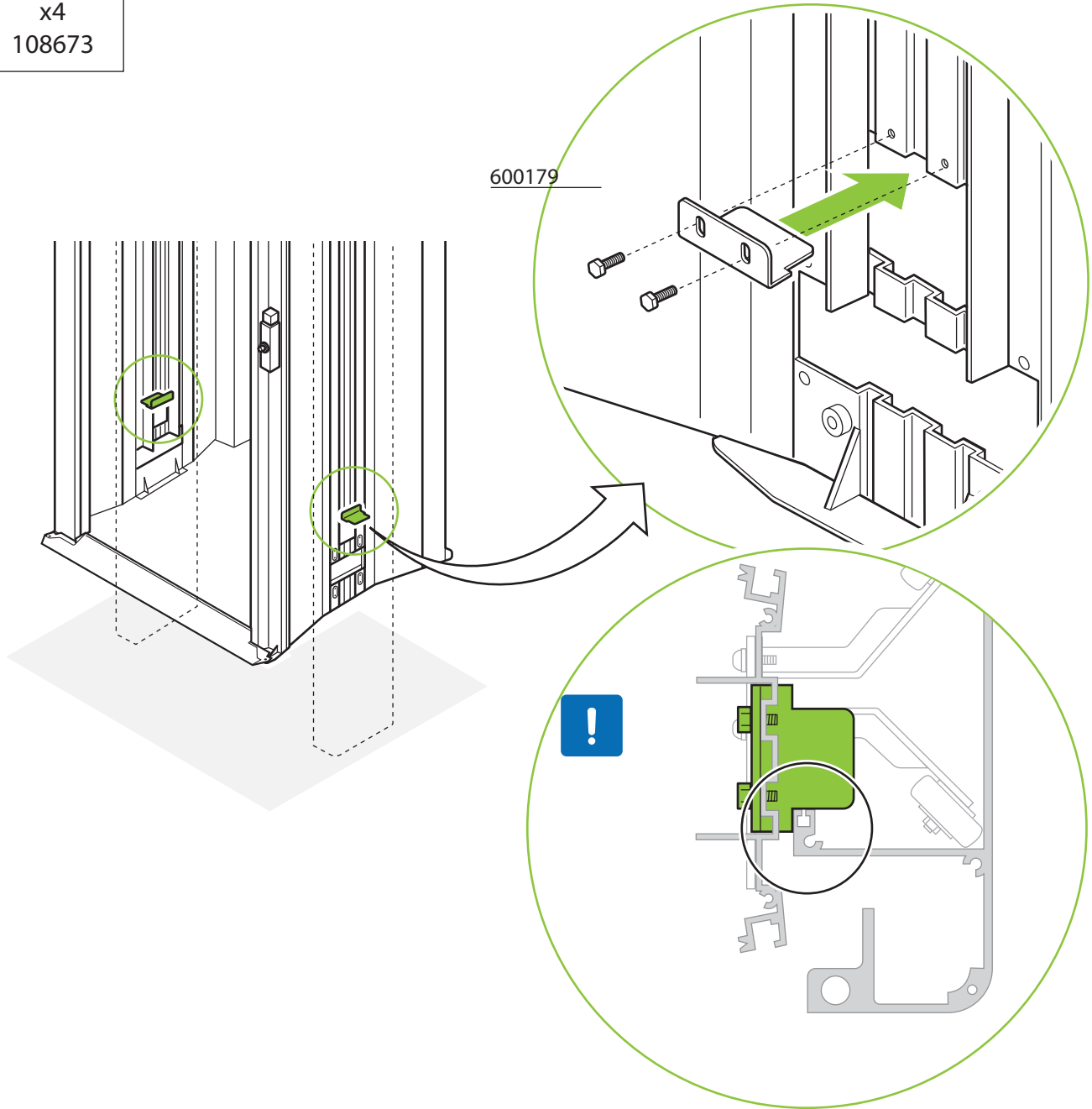
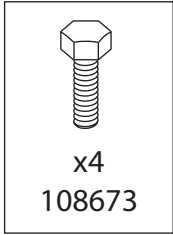


8.

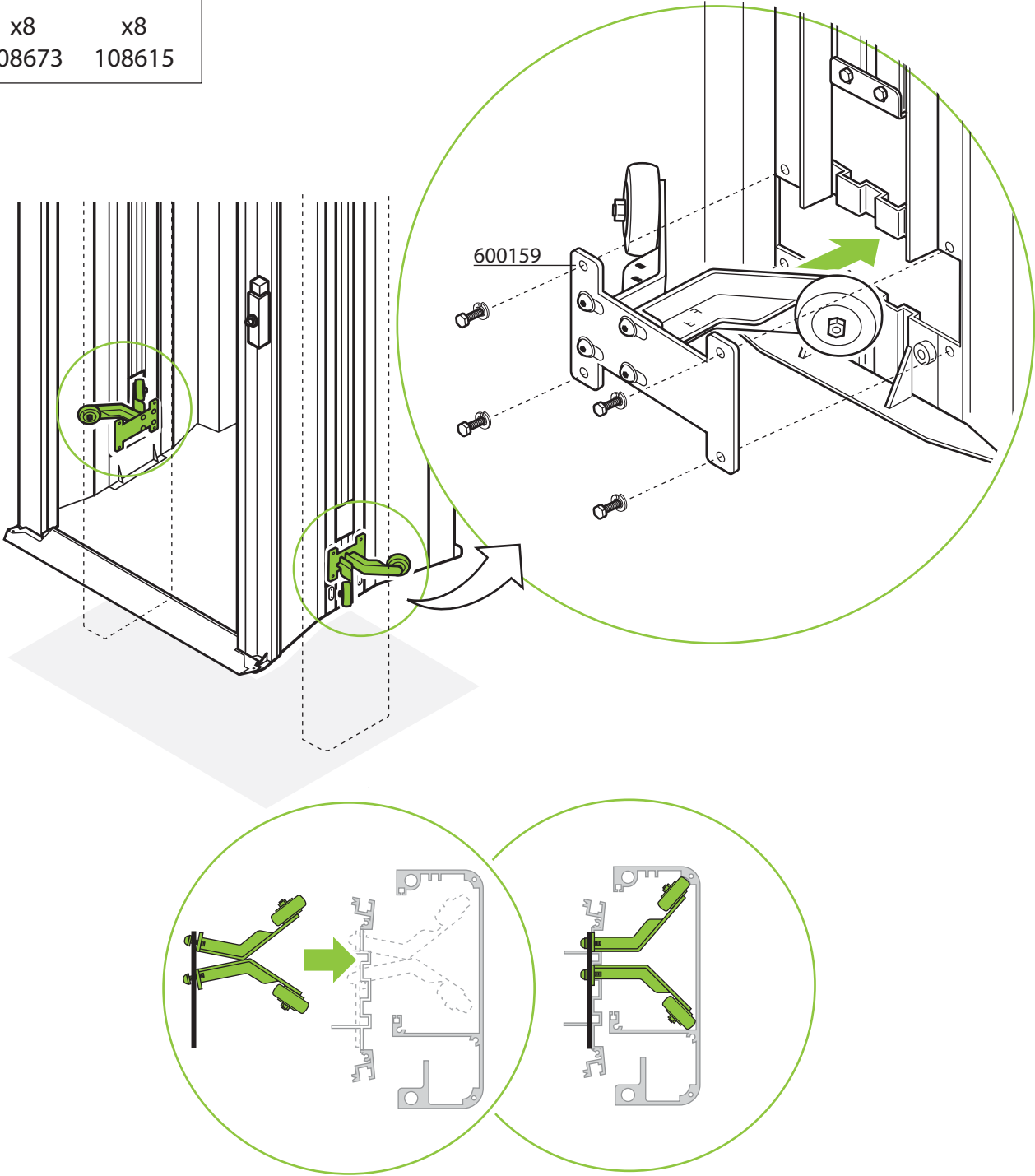
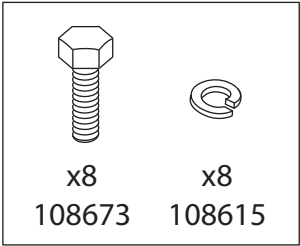


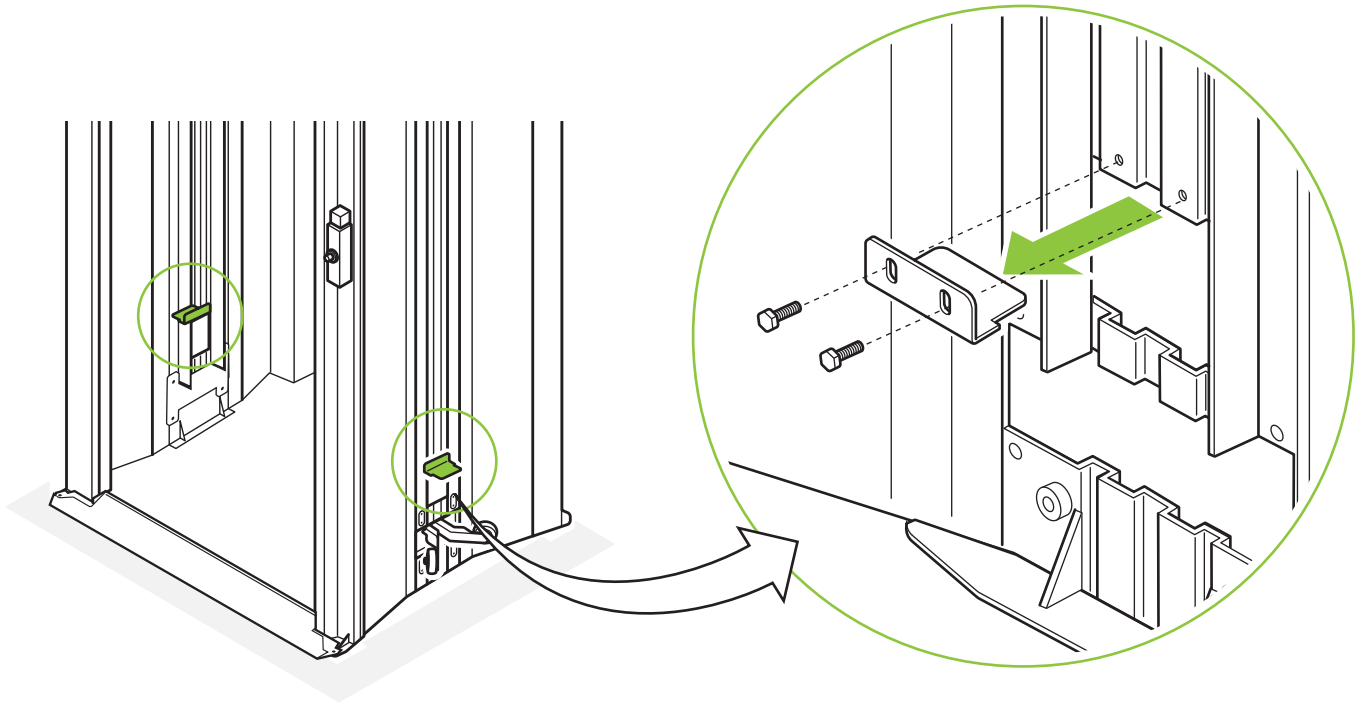
STEP 7: BOTTOM ROLLER INSTALLATION

1.



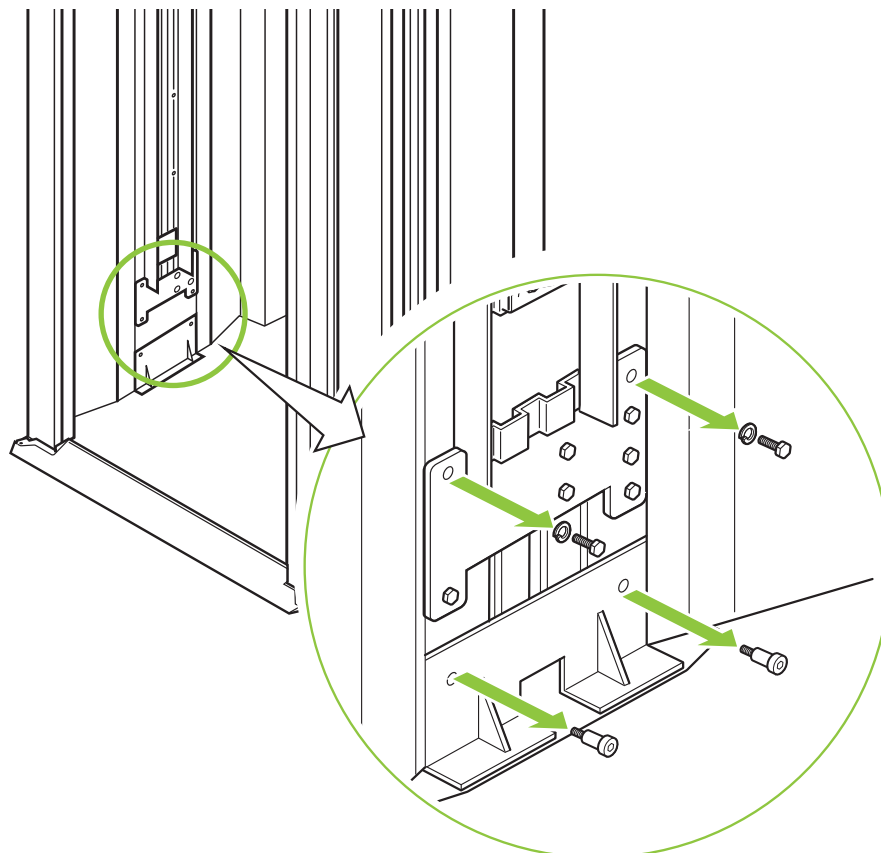
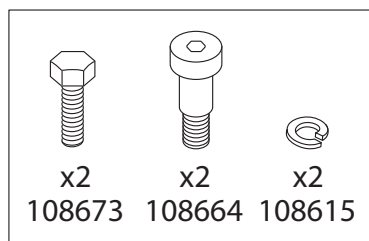
2.



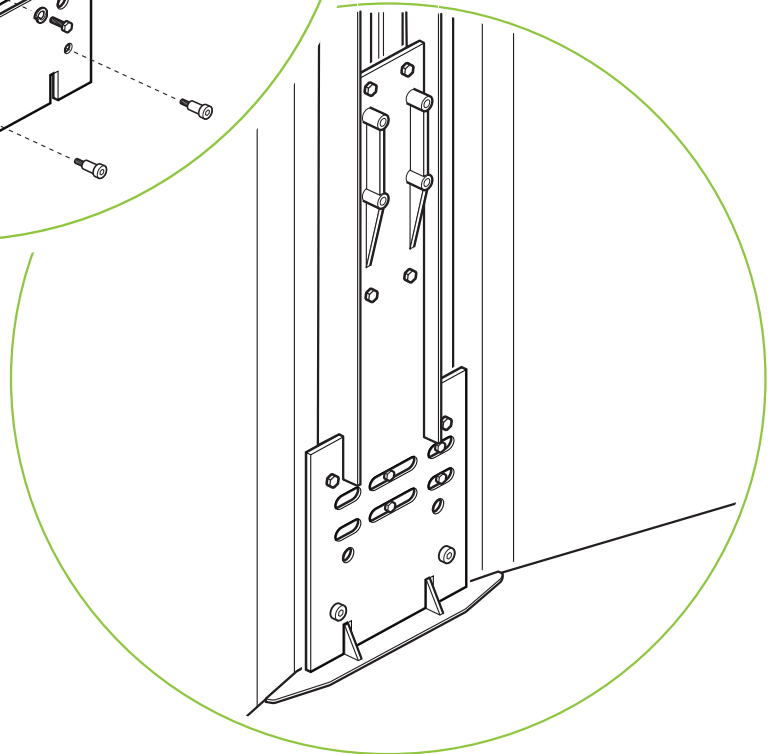
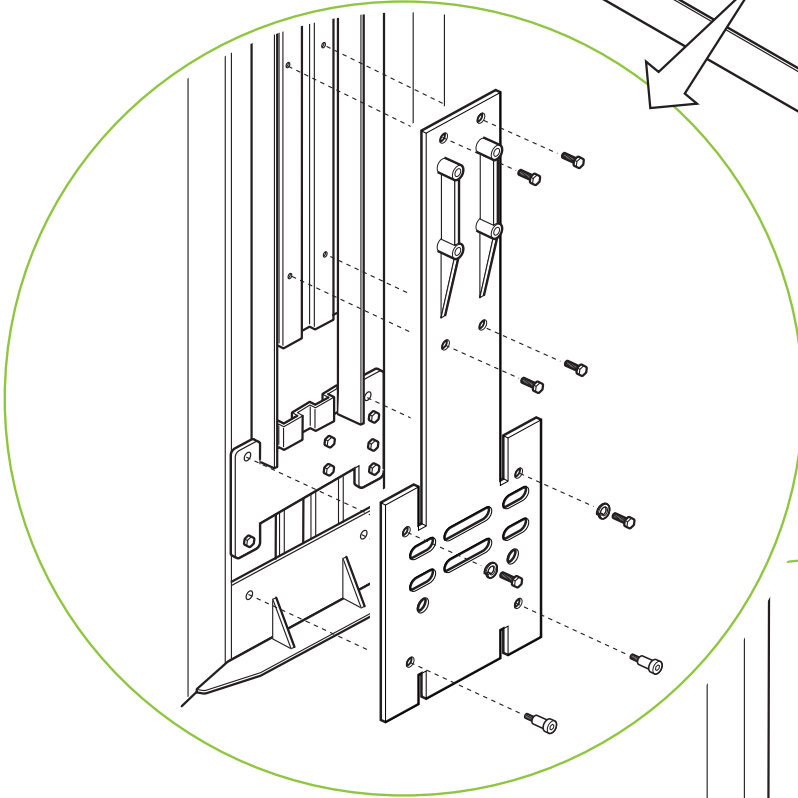
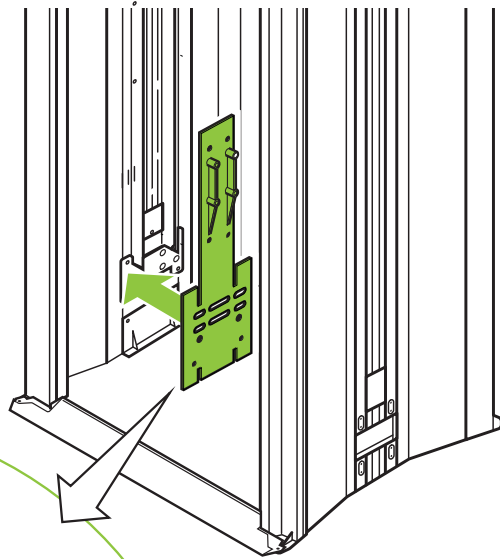
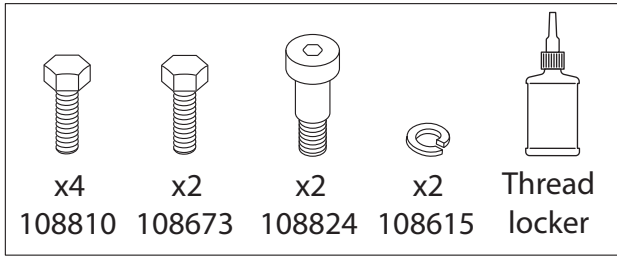
3.

STEP 8: SEAT SUPPORT BRACKET INSTALLATION (OPTIONAL)

1.

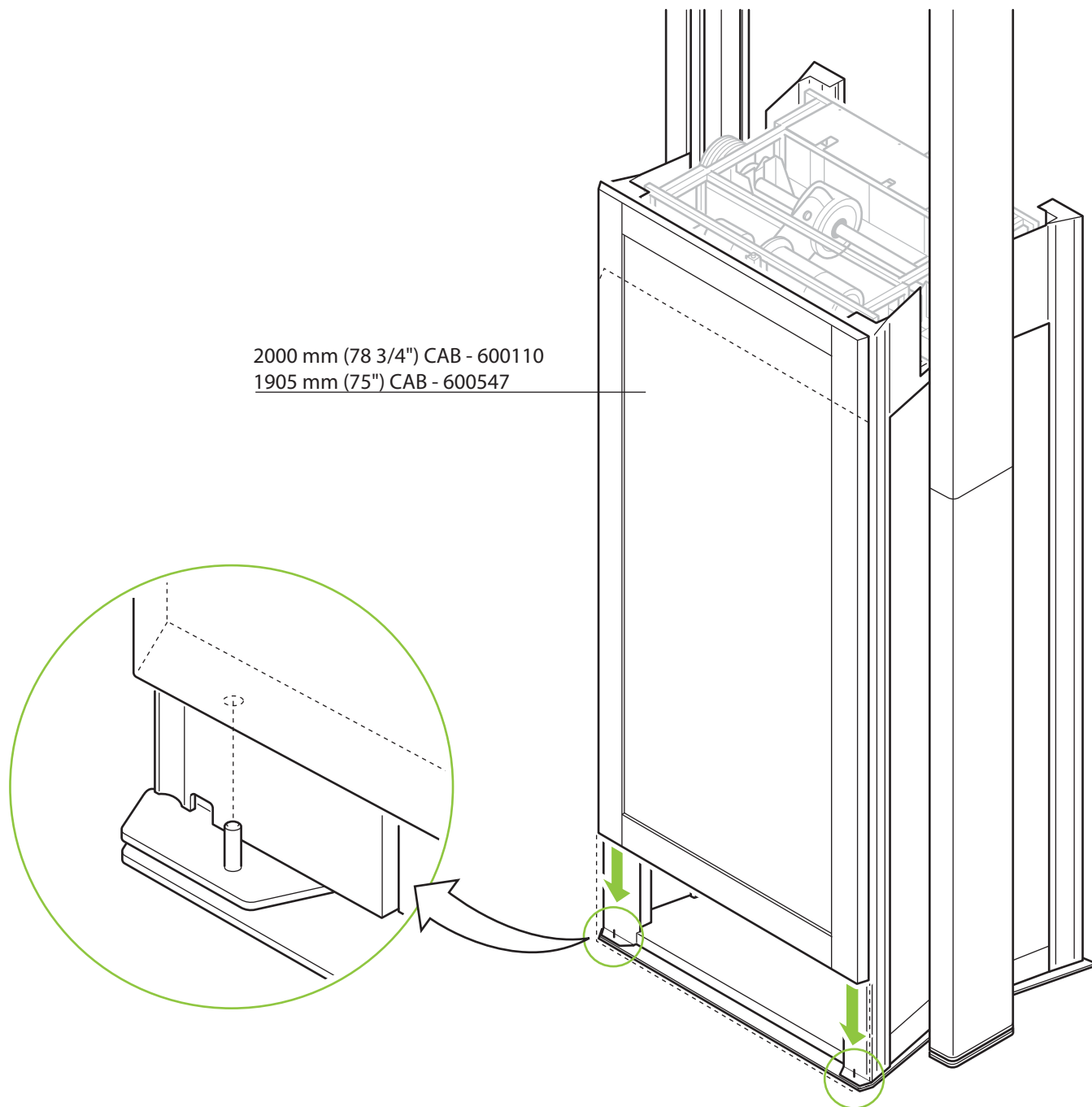


2.



STEP 9: BACK WALL INSTALLATION

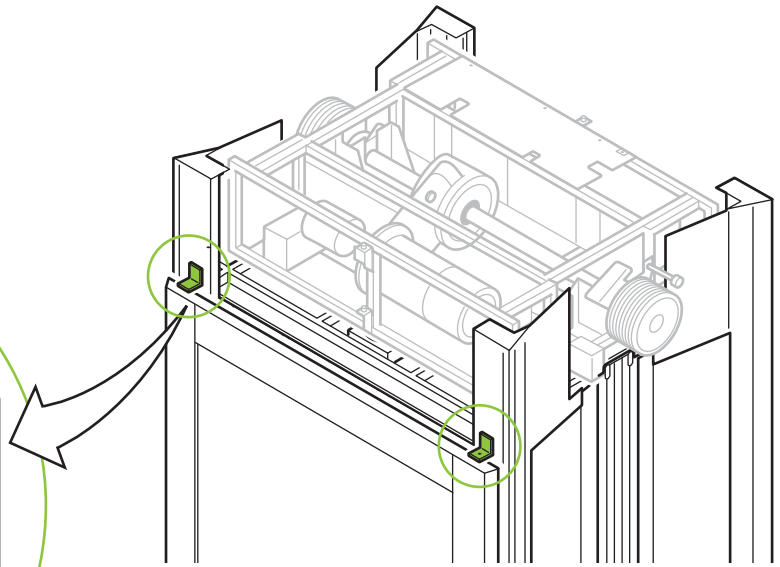
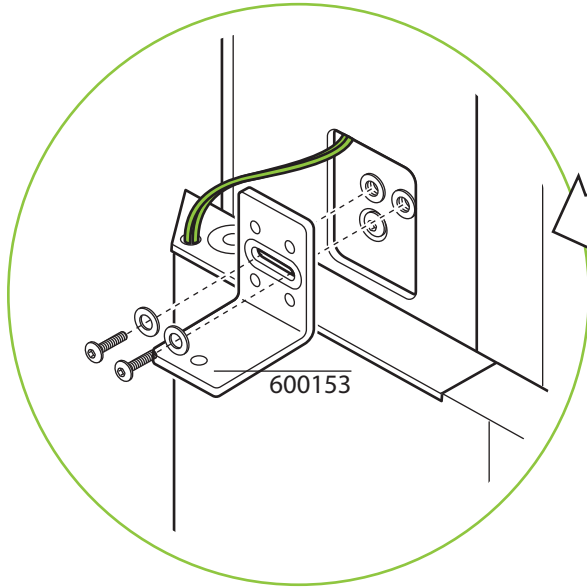
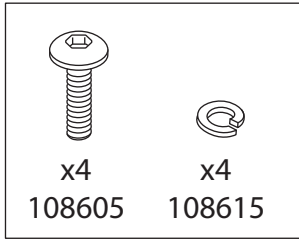
1. Type-1 Back Wall Installation

**NOTICE**

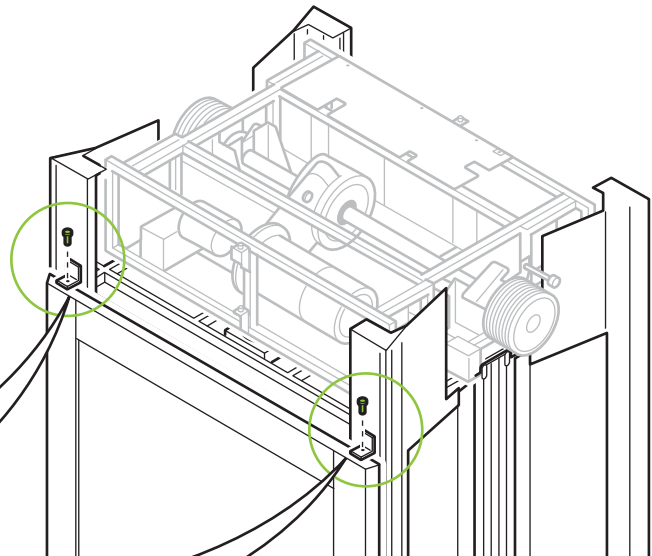
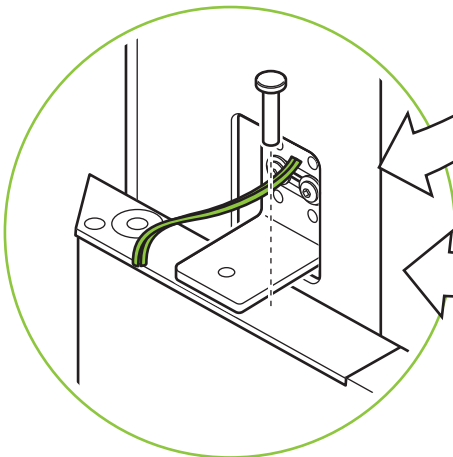
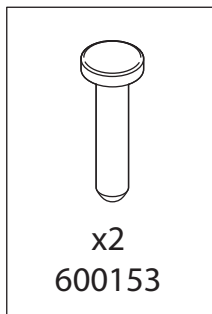
Back wall installation (shown above), has pins protruding from the bottom.

For door installation (Type 1 & 2) see page 69.

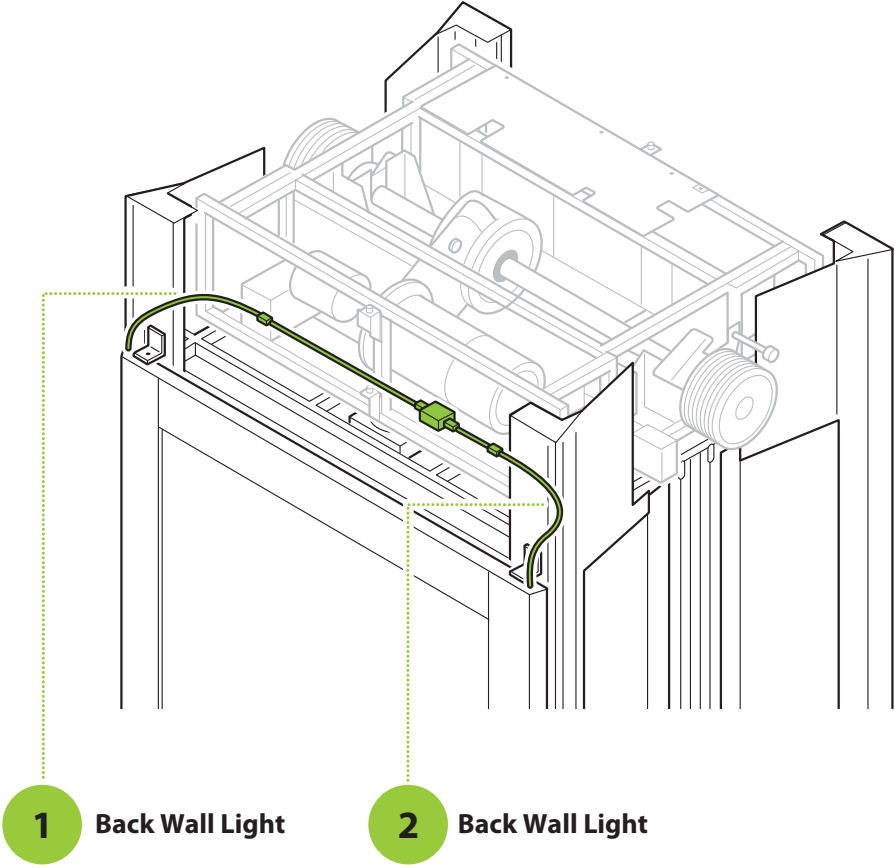
2.



3.

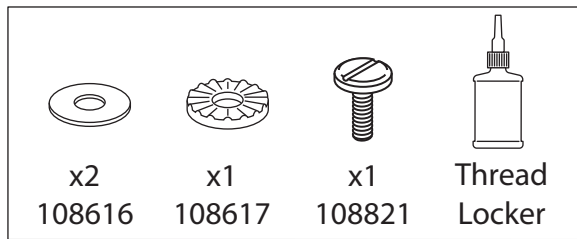


4.

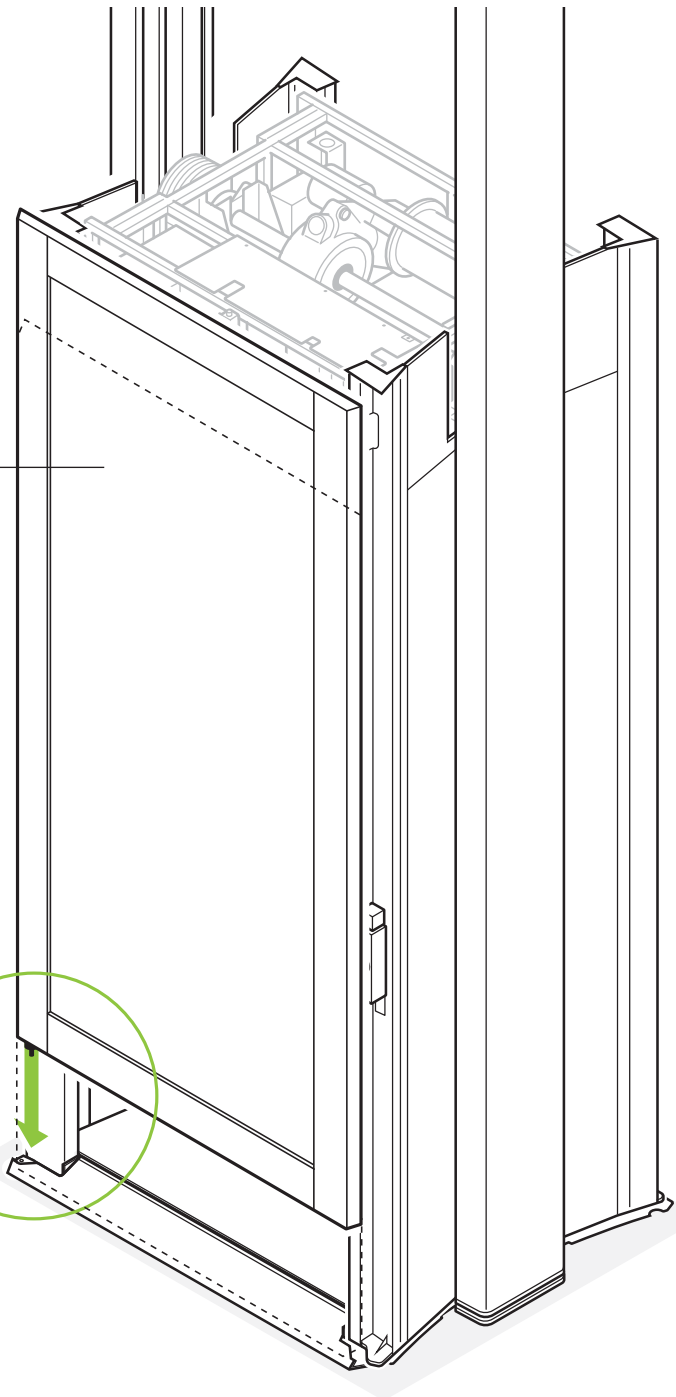
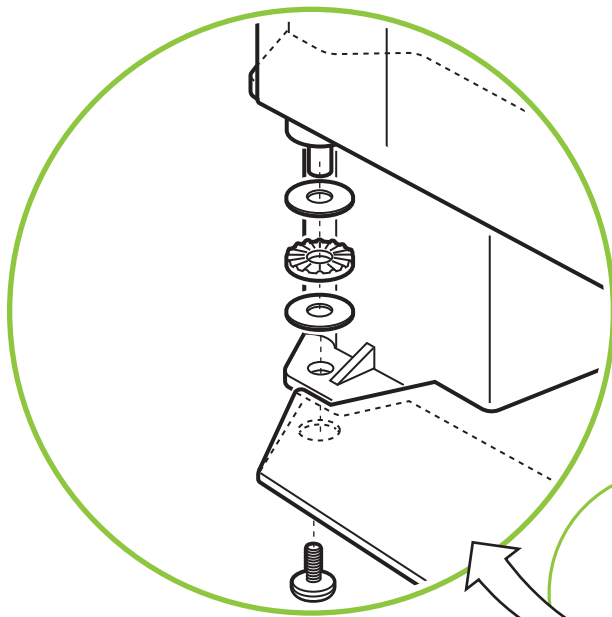


STEP 10: DOOR INSTALLATION (TYPE 1 & 2)

1.



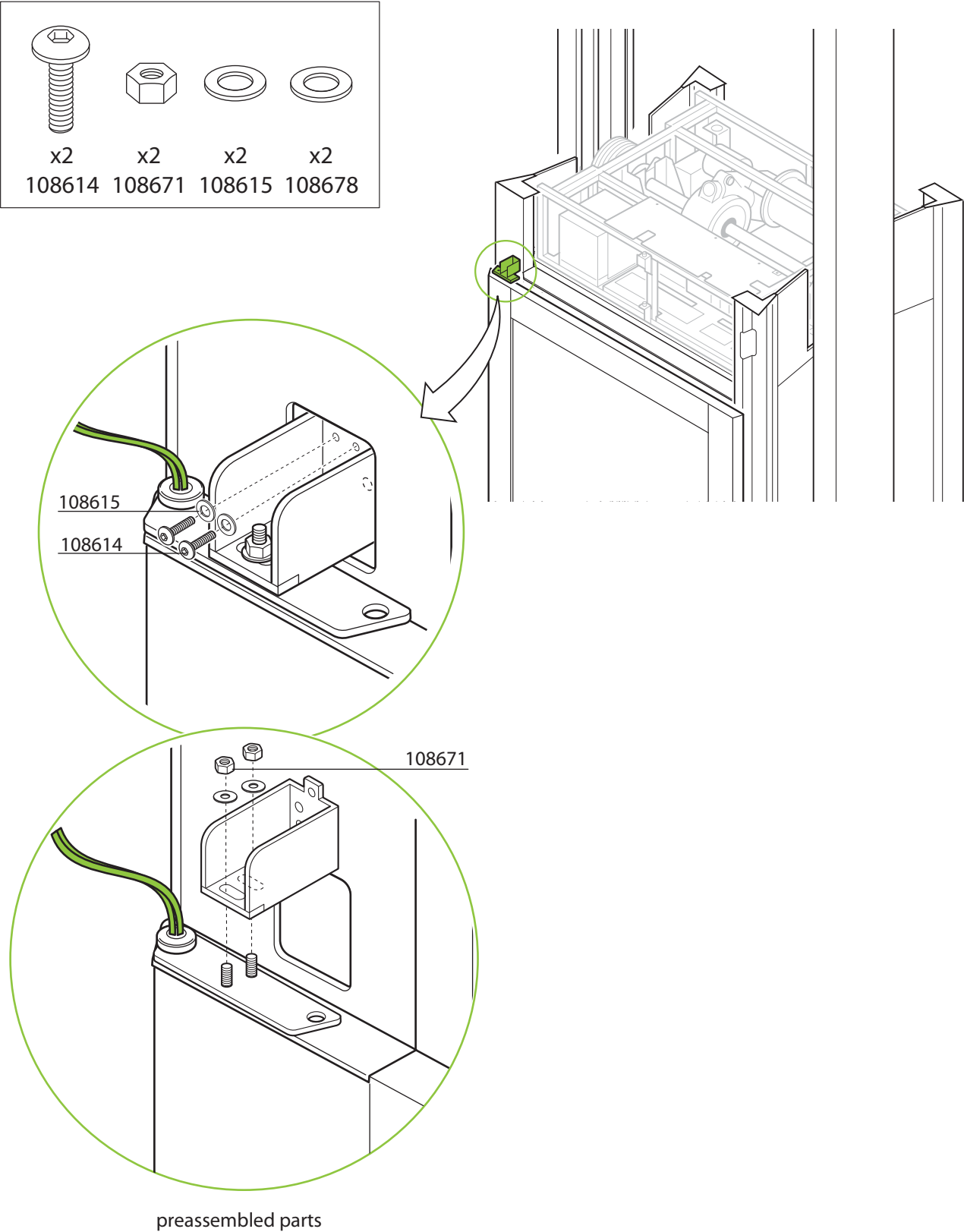
2000 mm (78 3/4") CAB - 600109
1905 mm (75") CAB - 600553

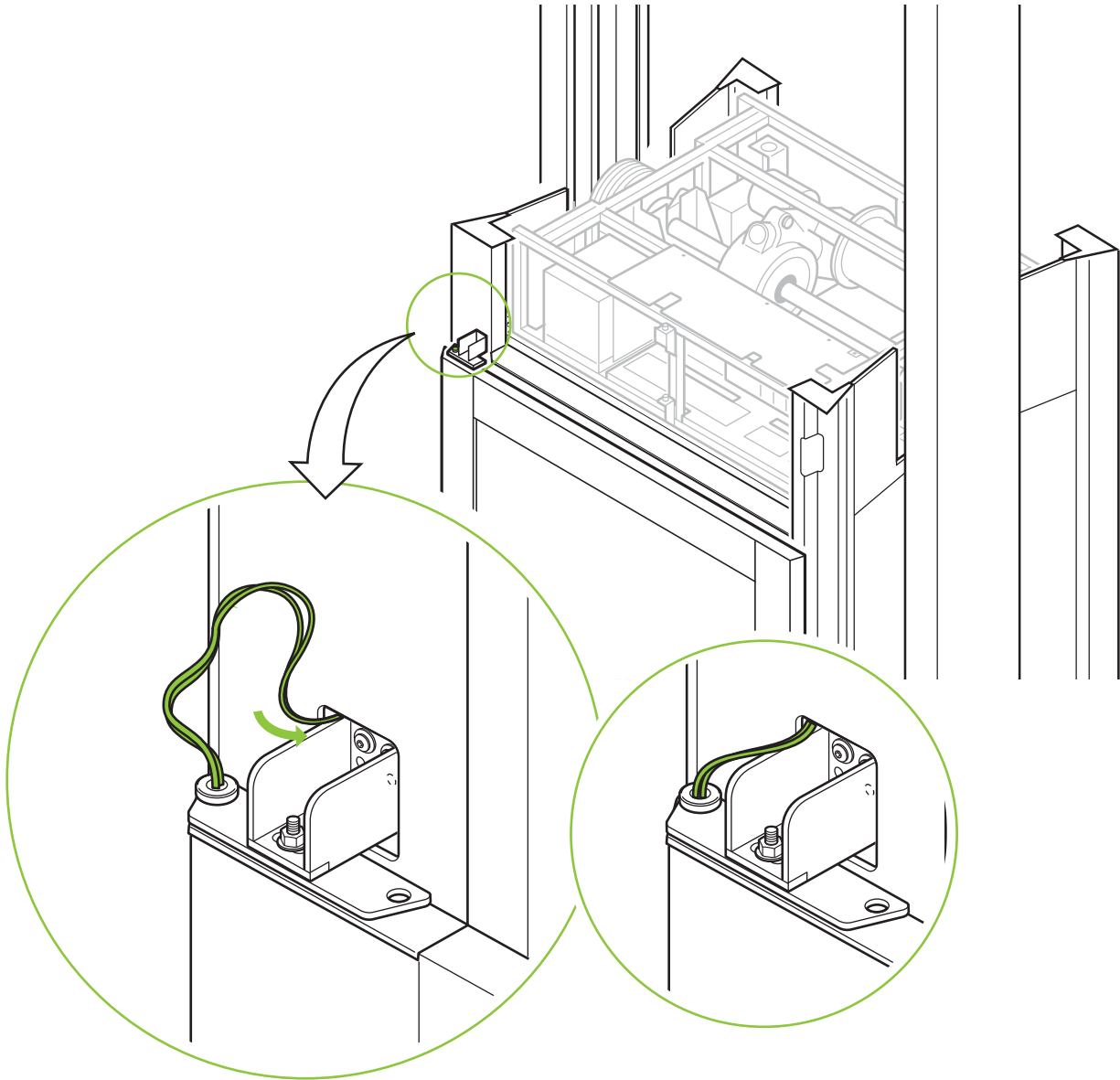


NOTICE

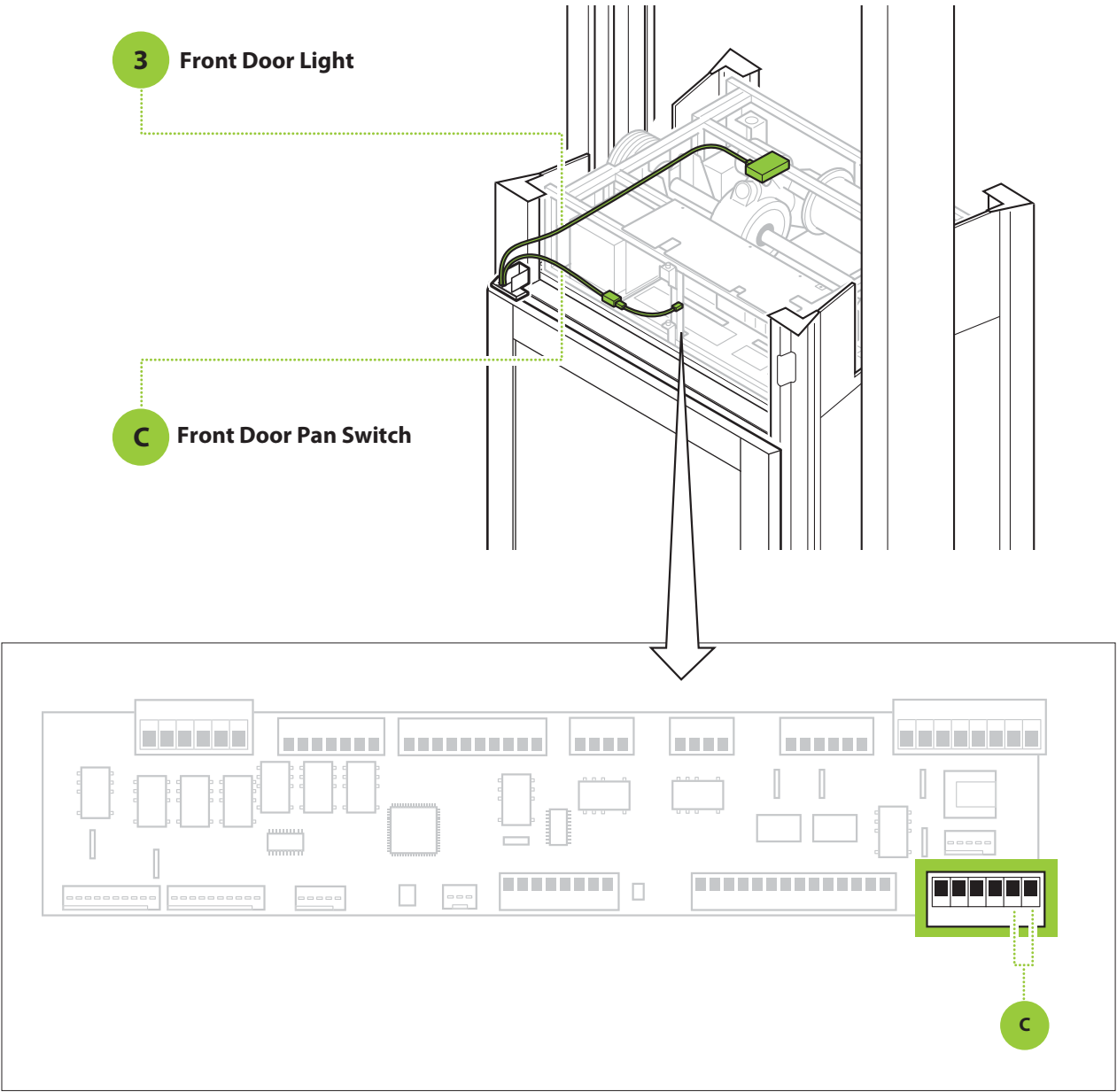
Door side will always have holes located at the bottom.

2.

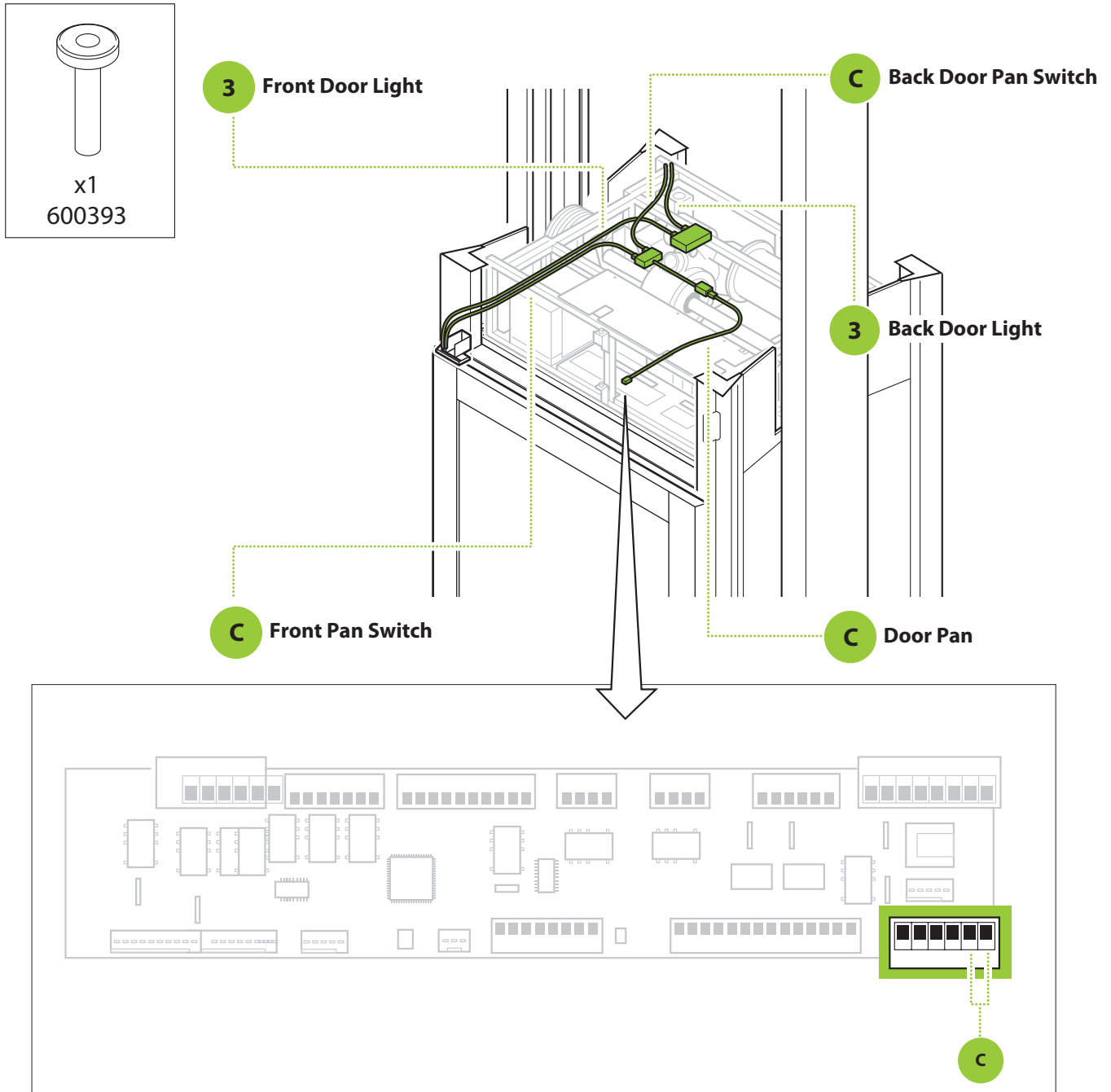


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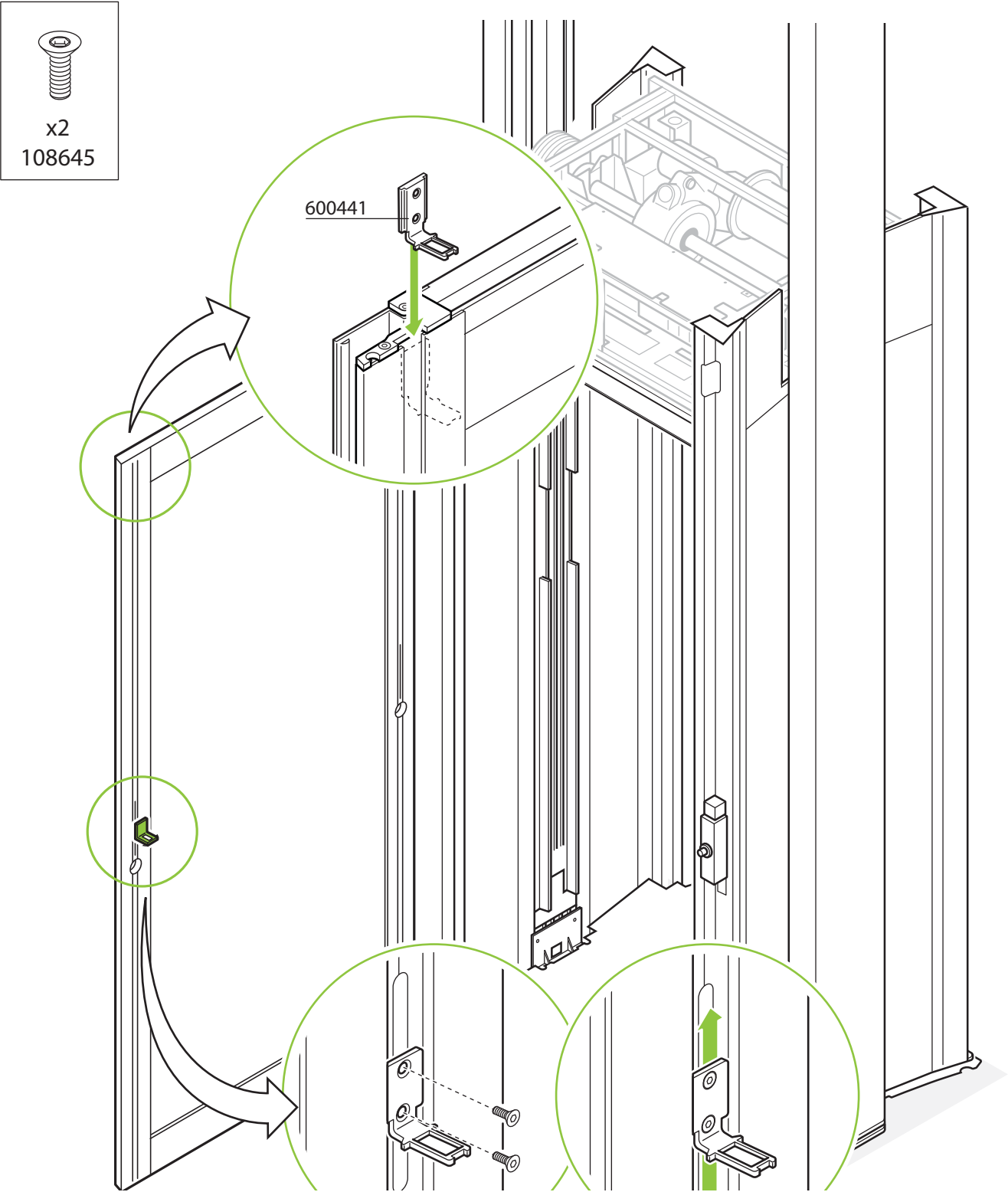
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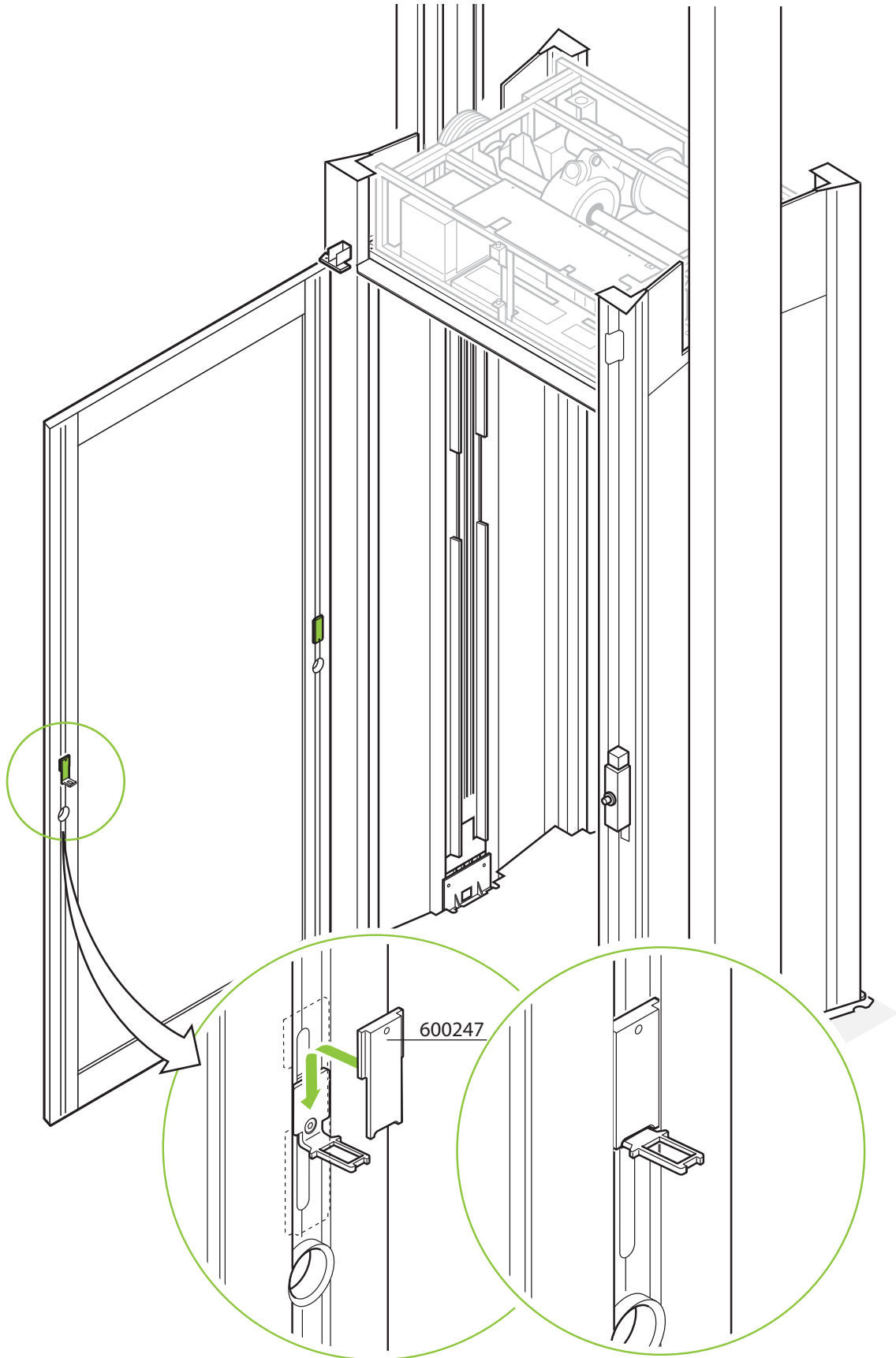
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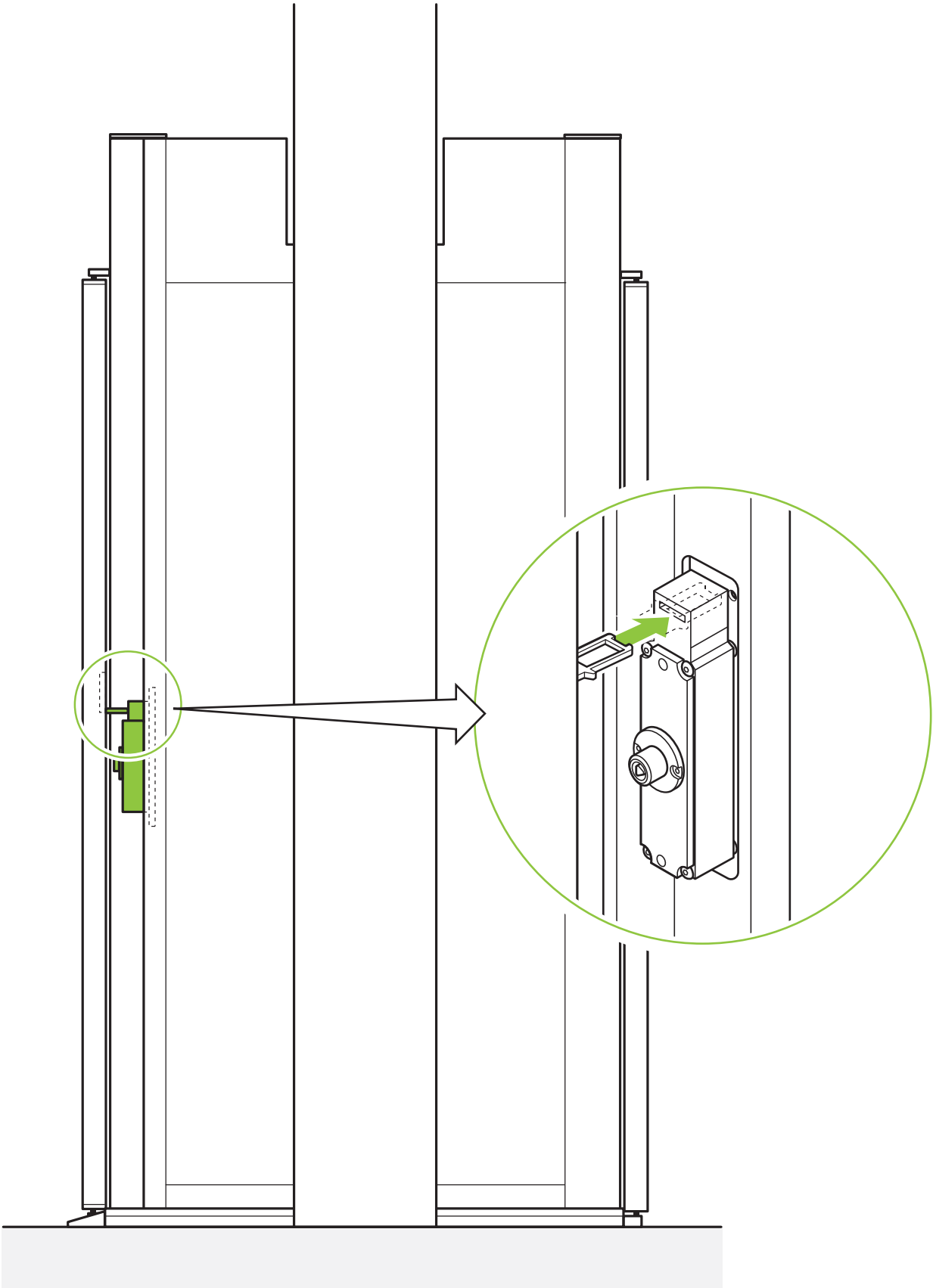
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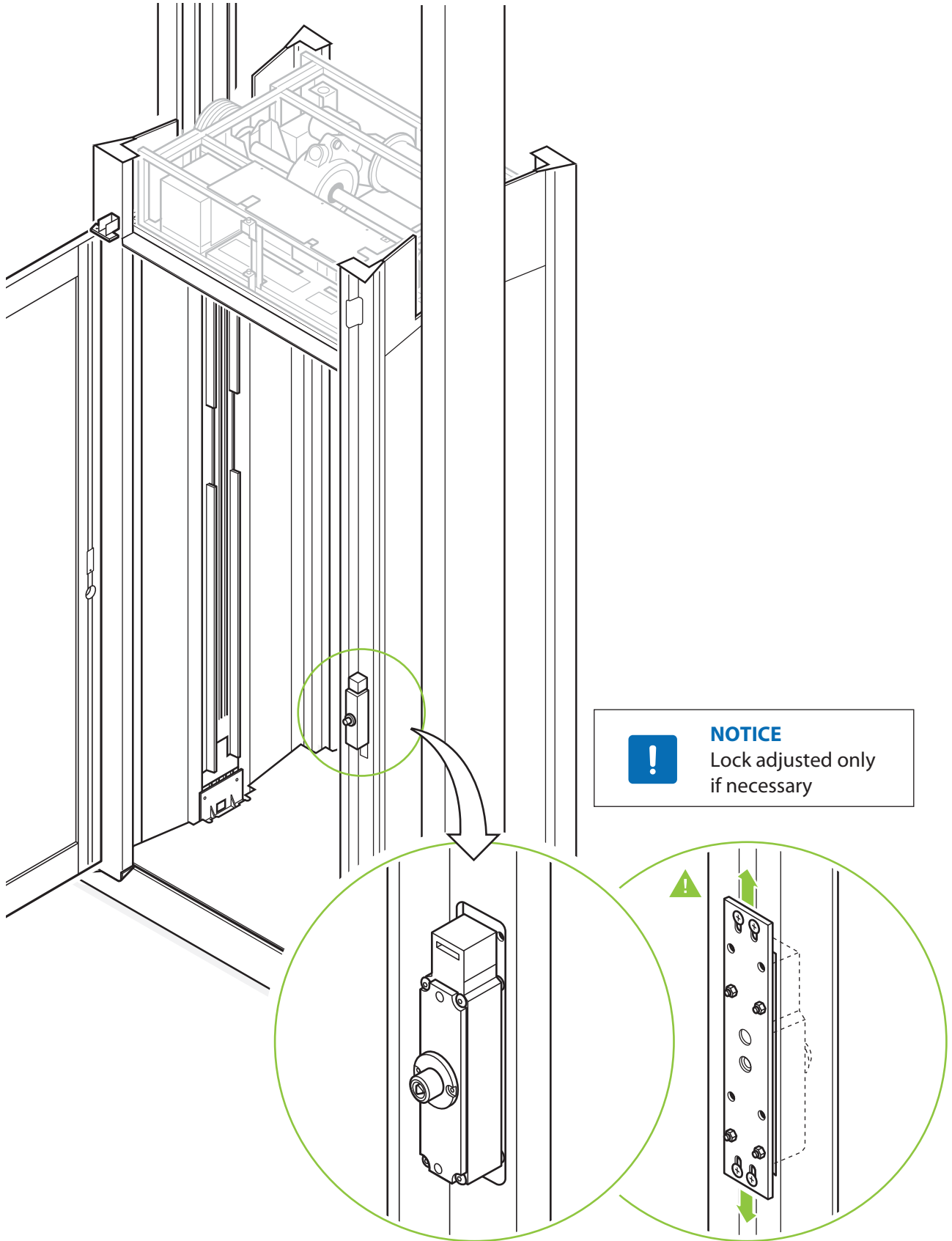
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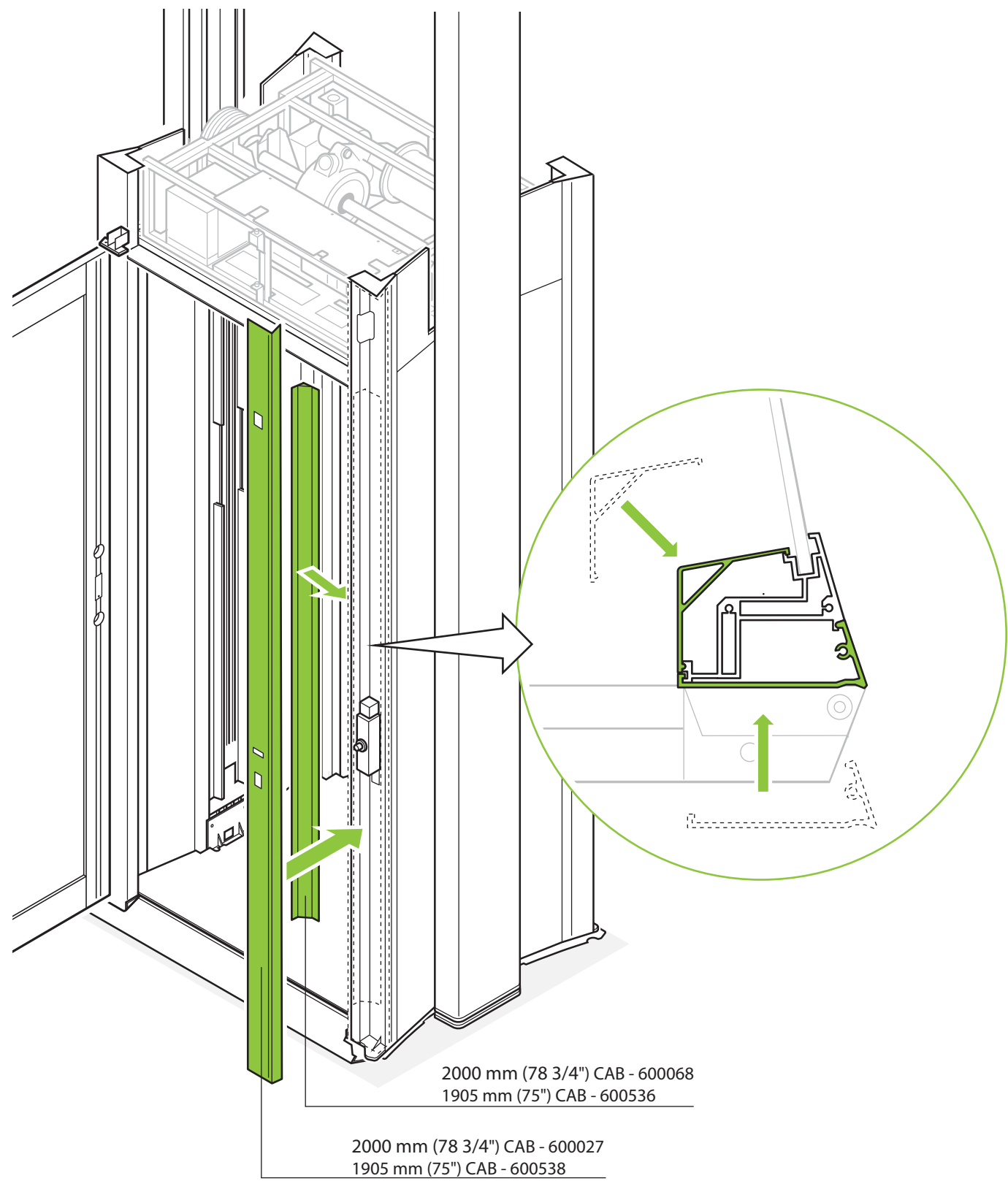
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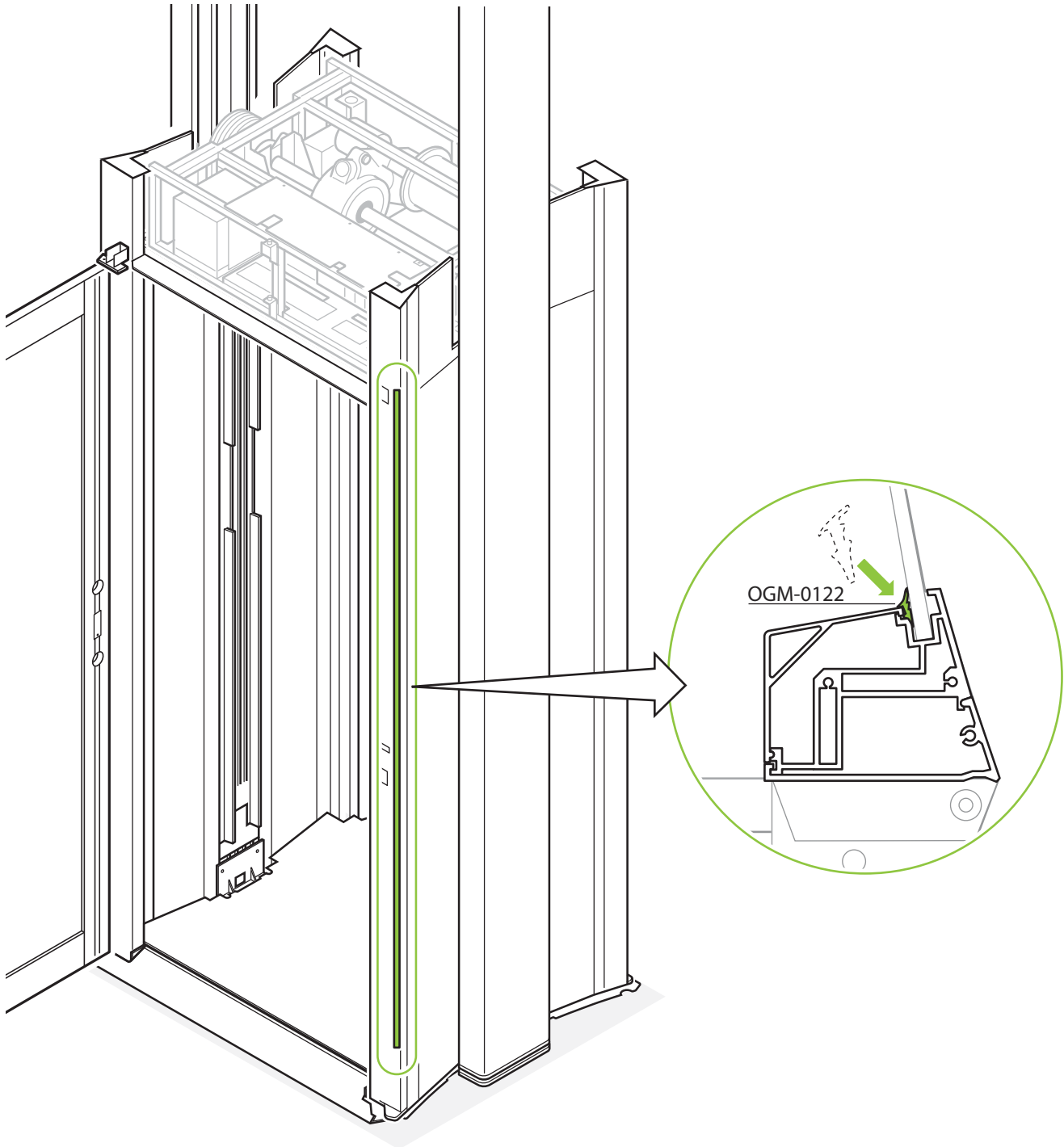
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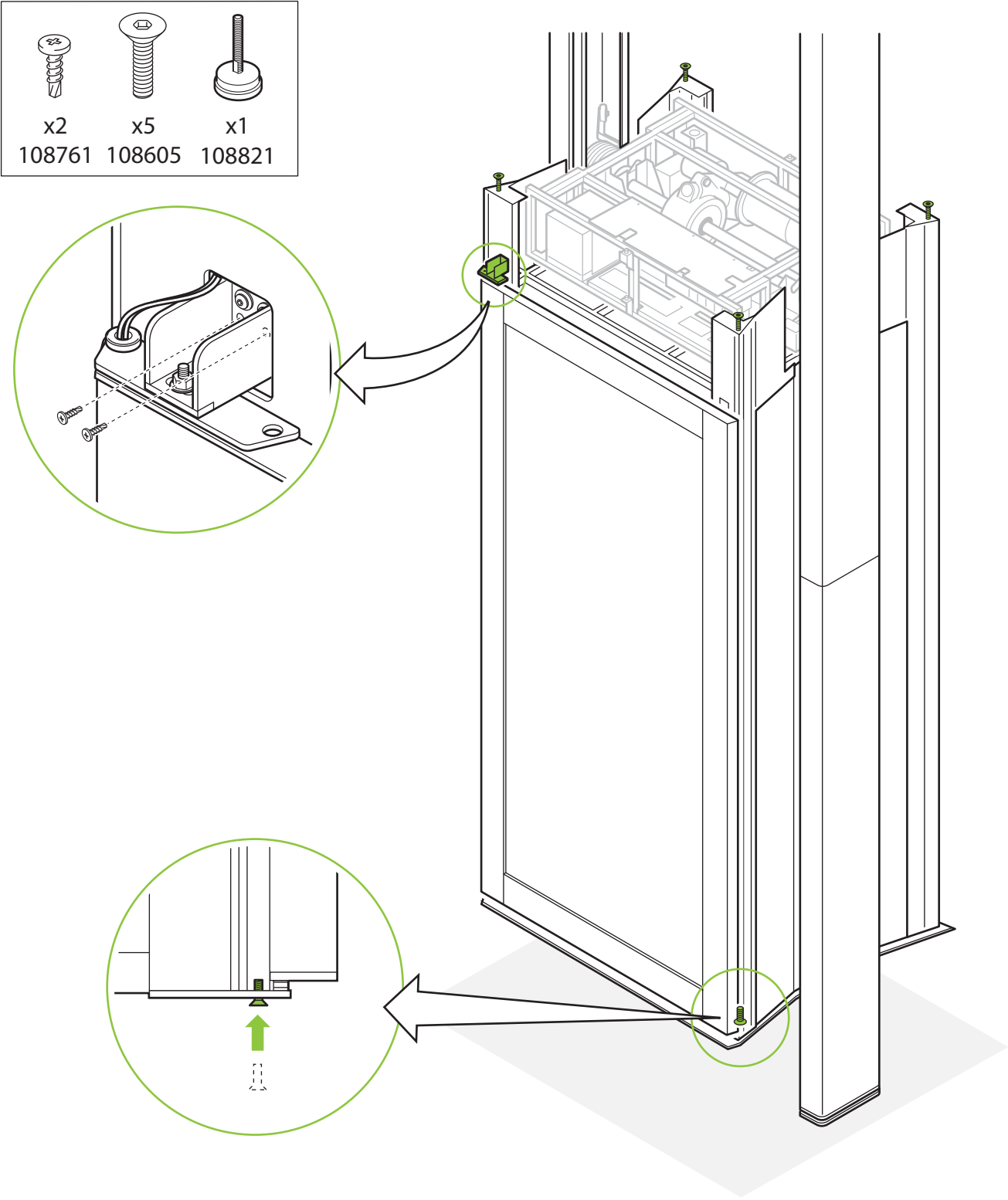
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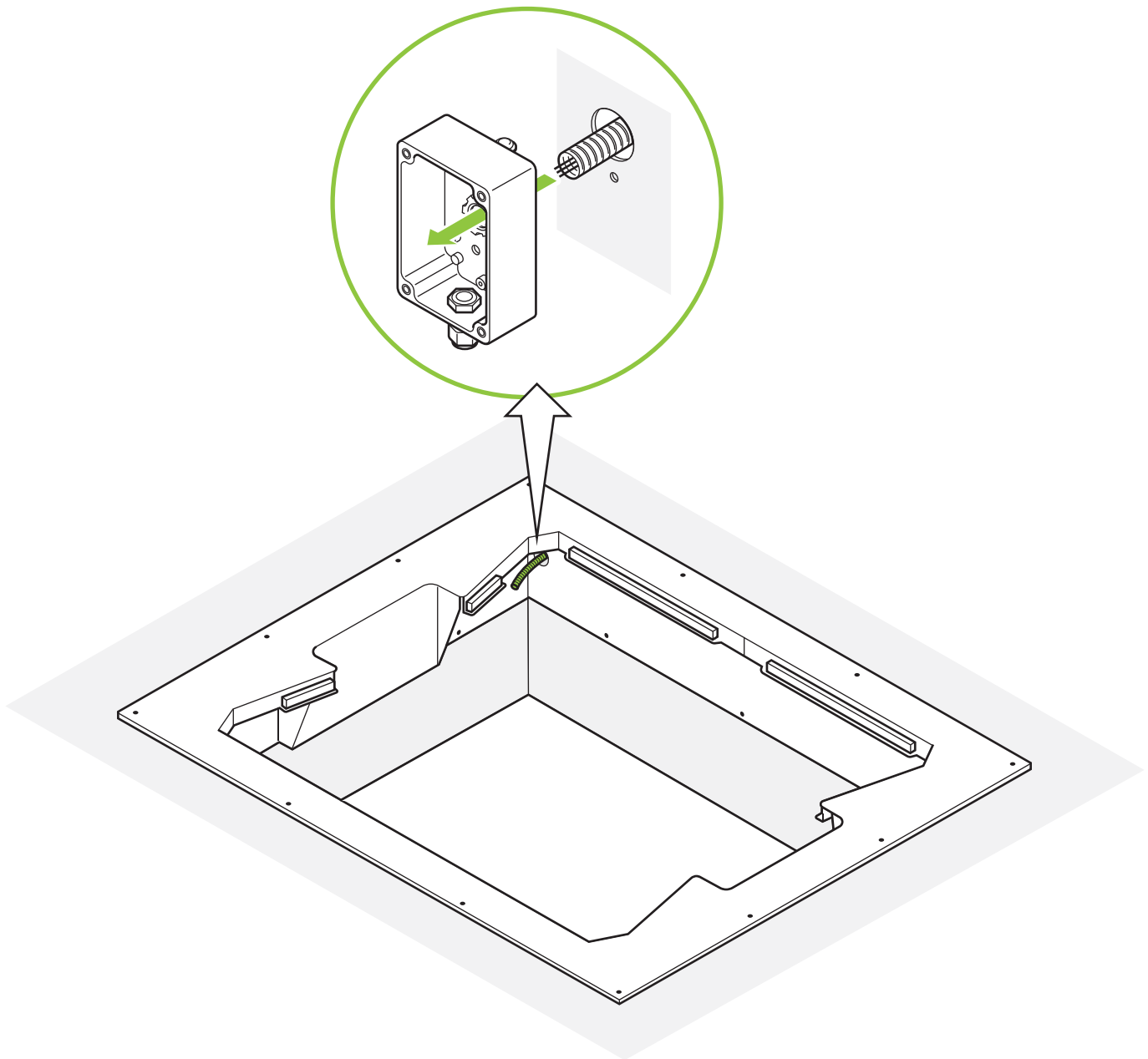


NOTICE

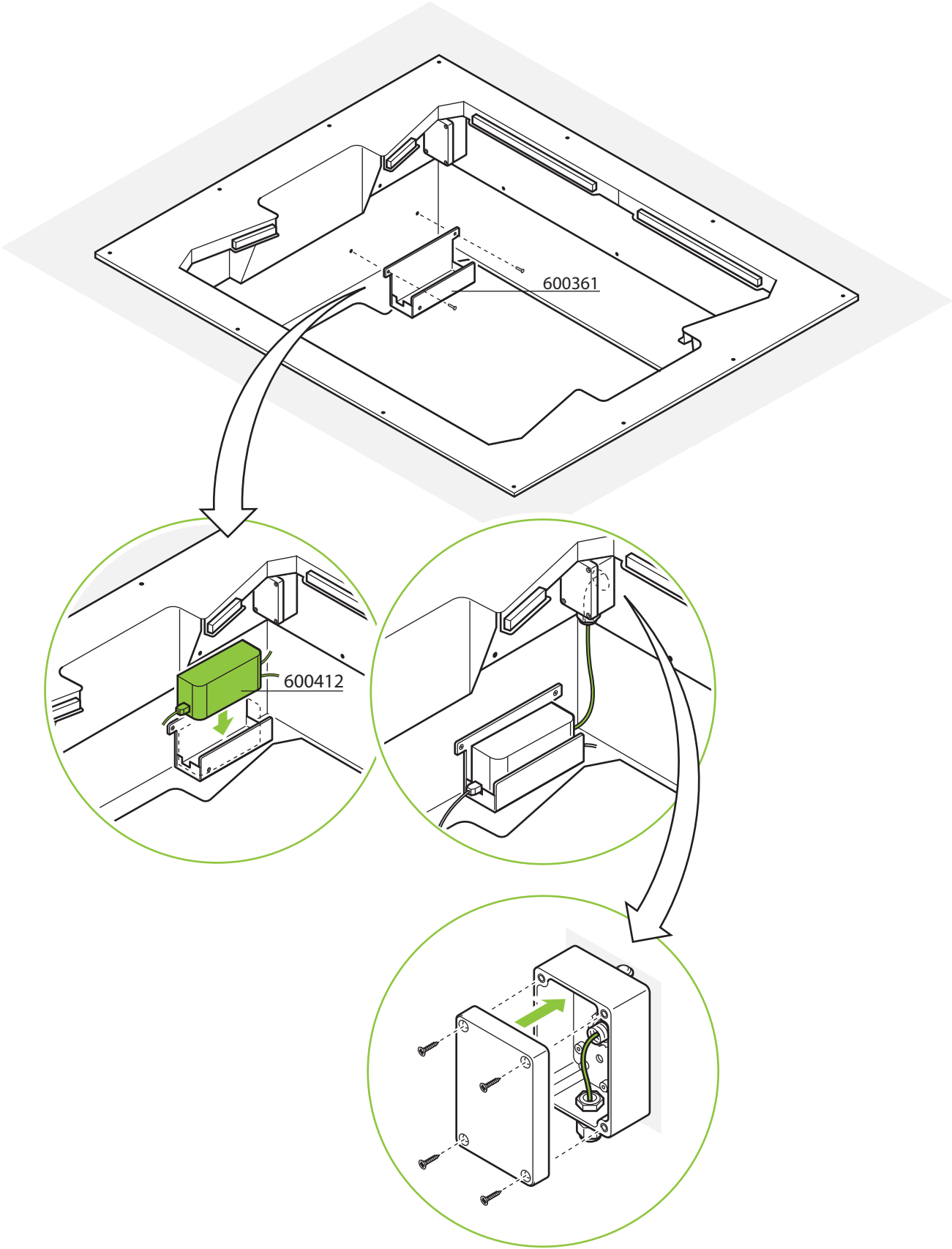
Door alignment must be finalized before the screws can be installed.

STEP 11: CHARGER INSTALLATION VIA JUNCTION BOX

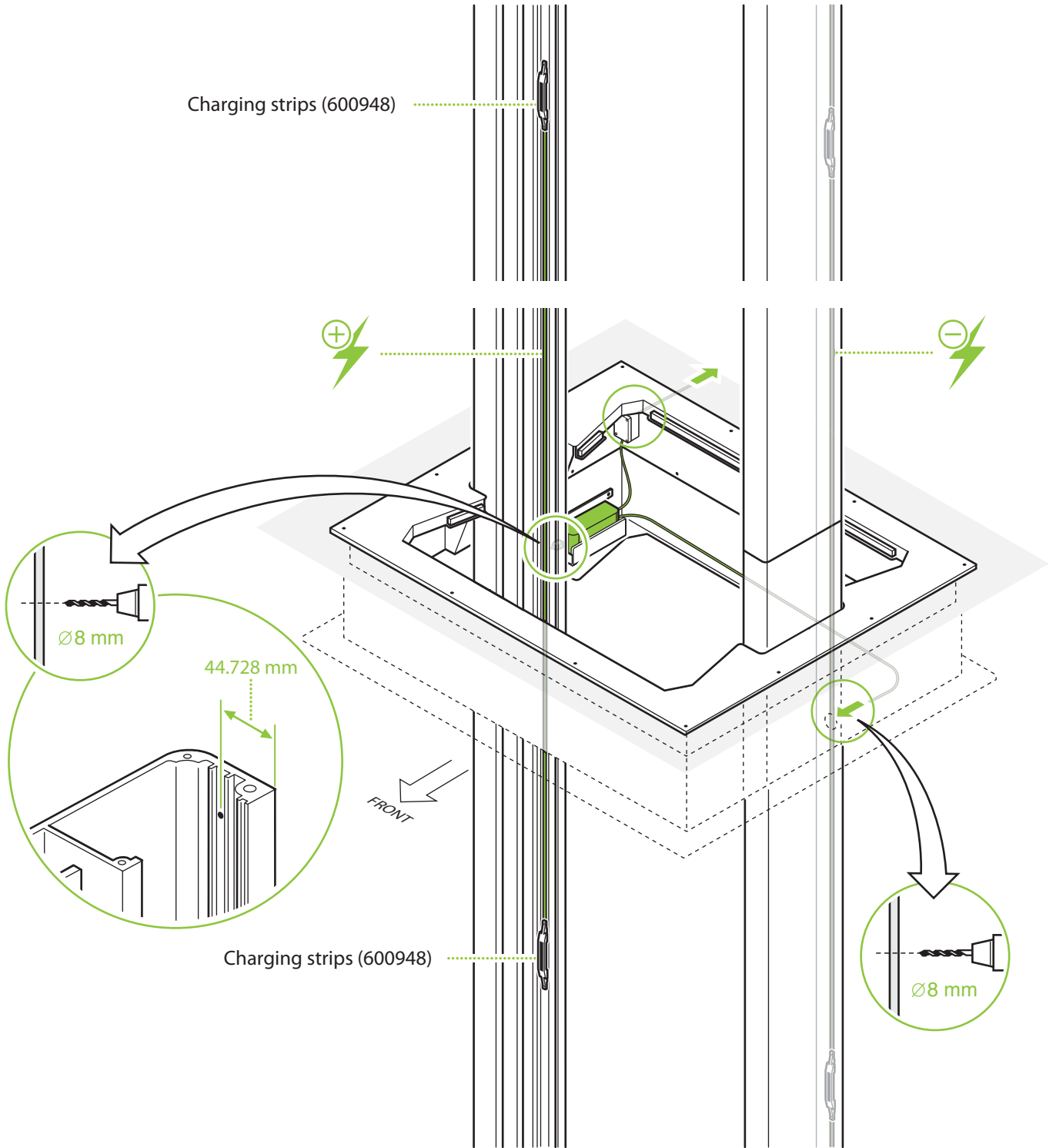
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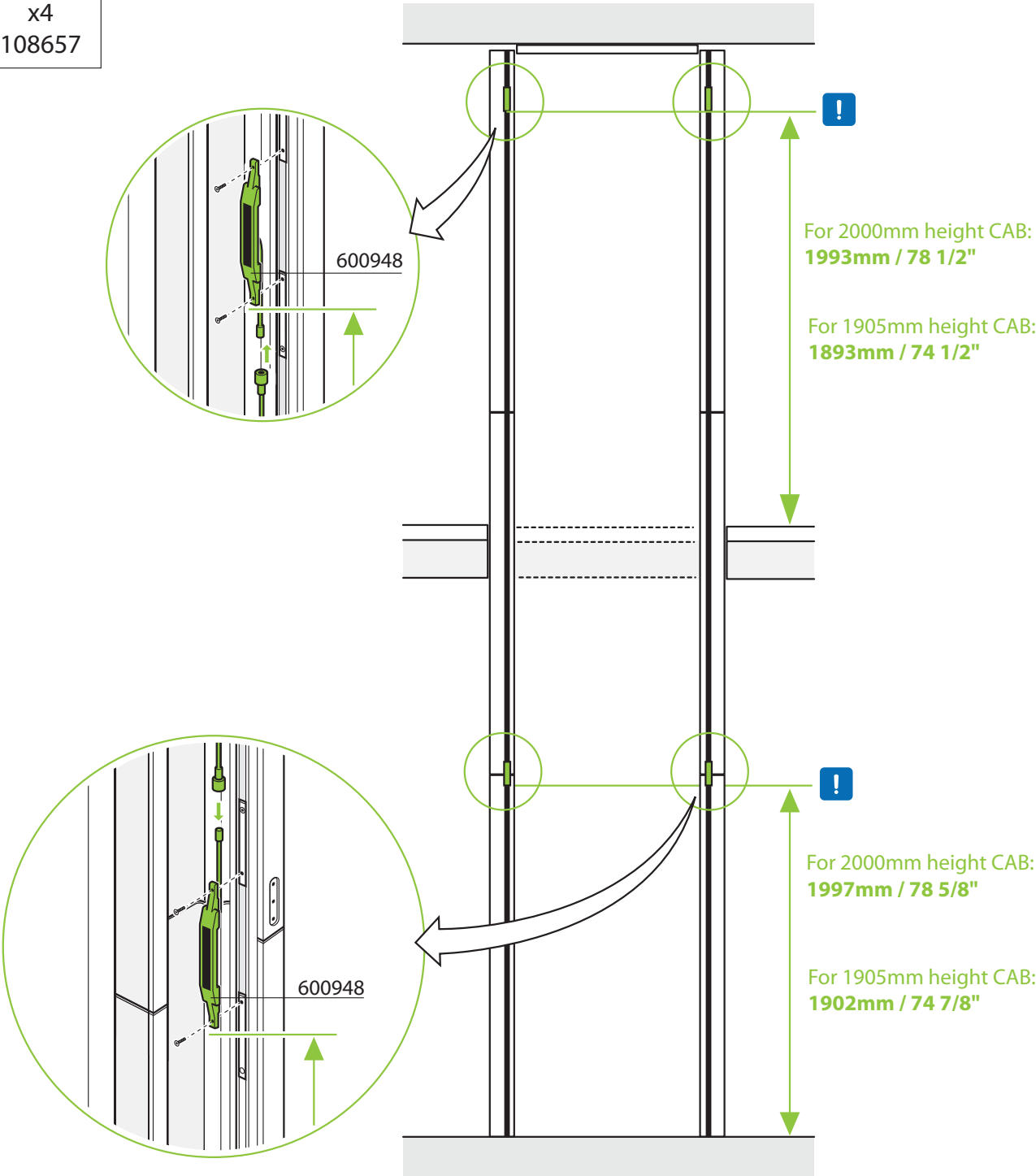
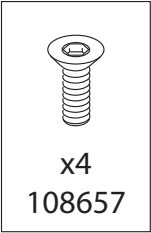
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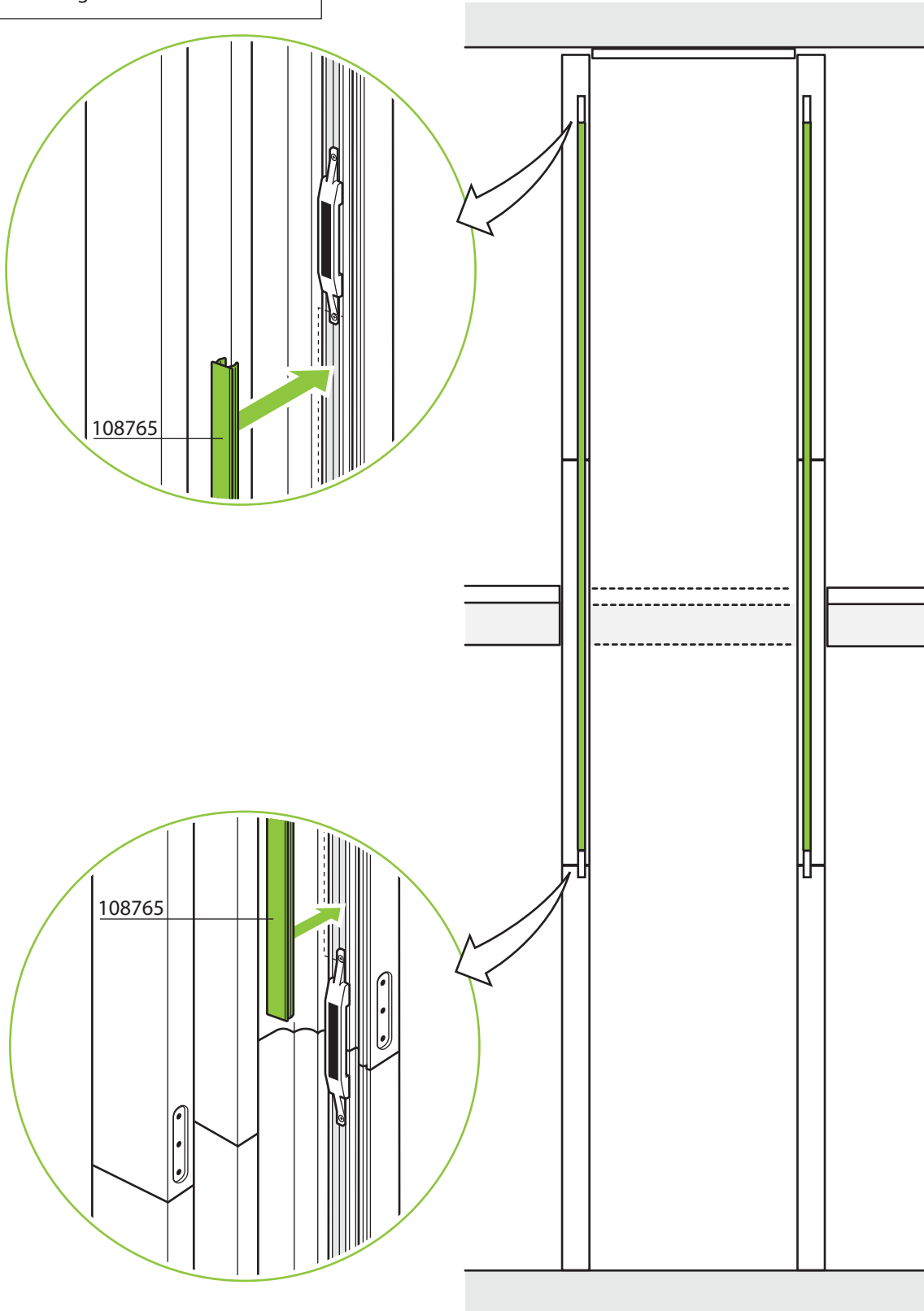


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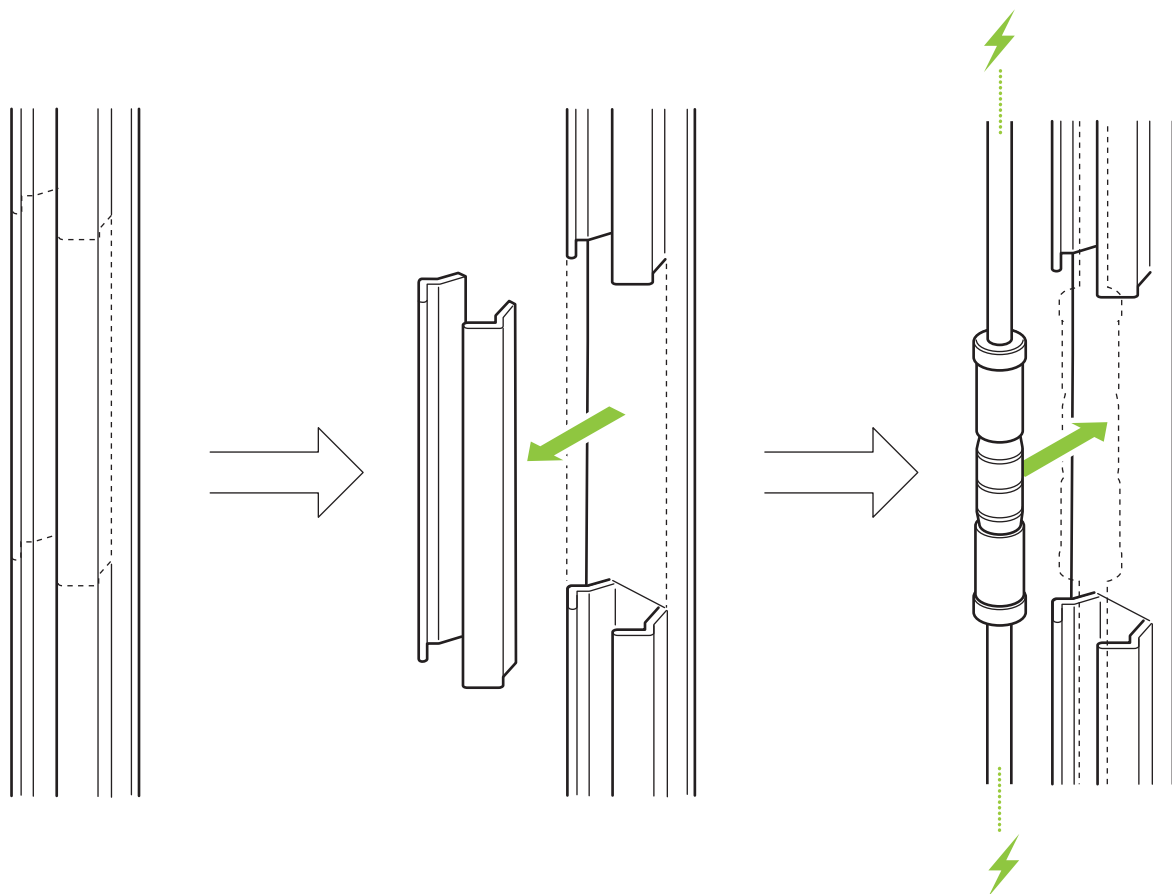


NOTICE

Dust covers need to be cut to length.



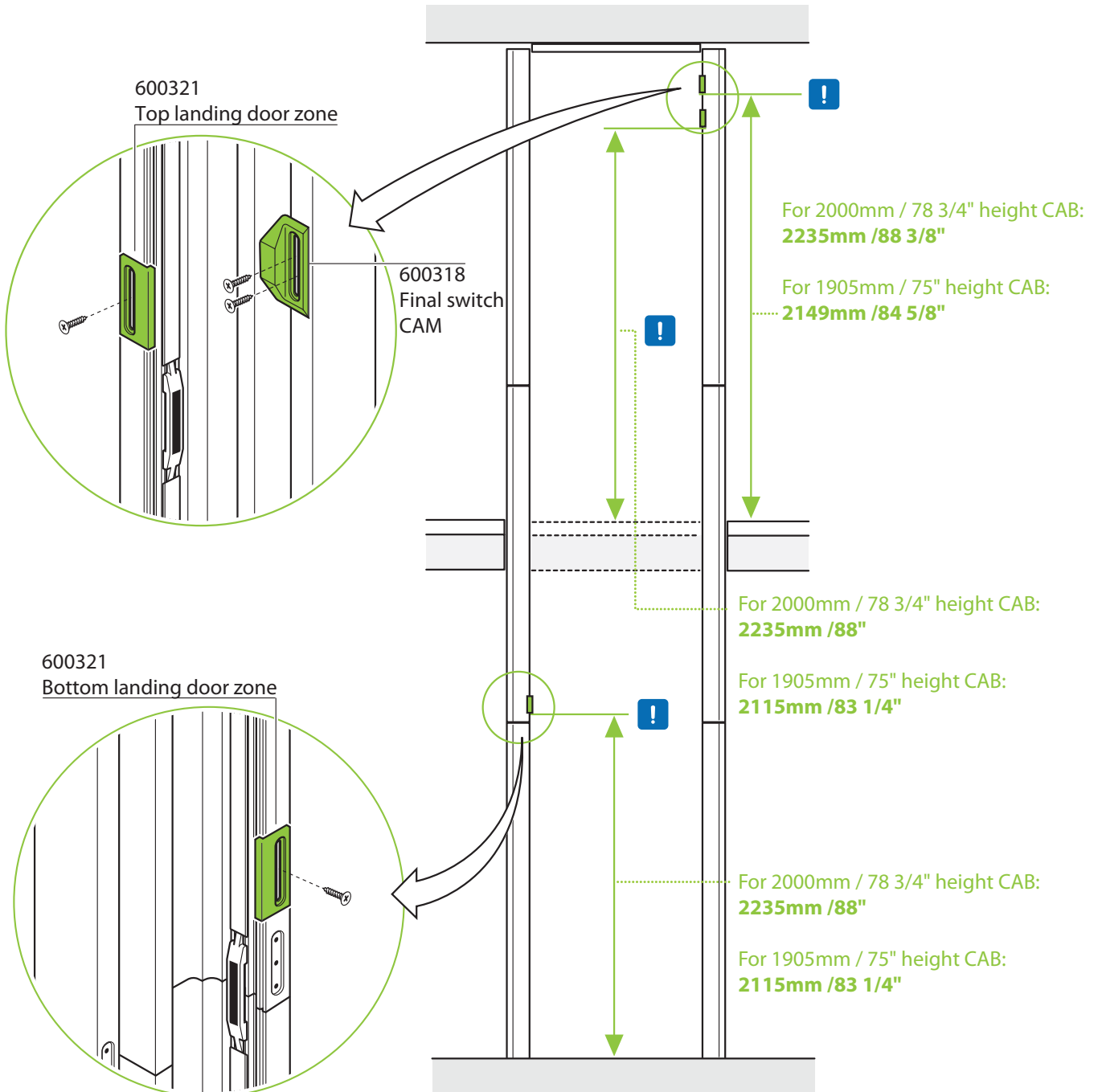
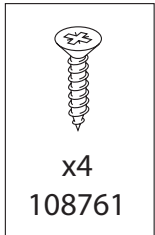
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**NOTICE**

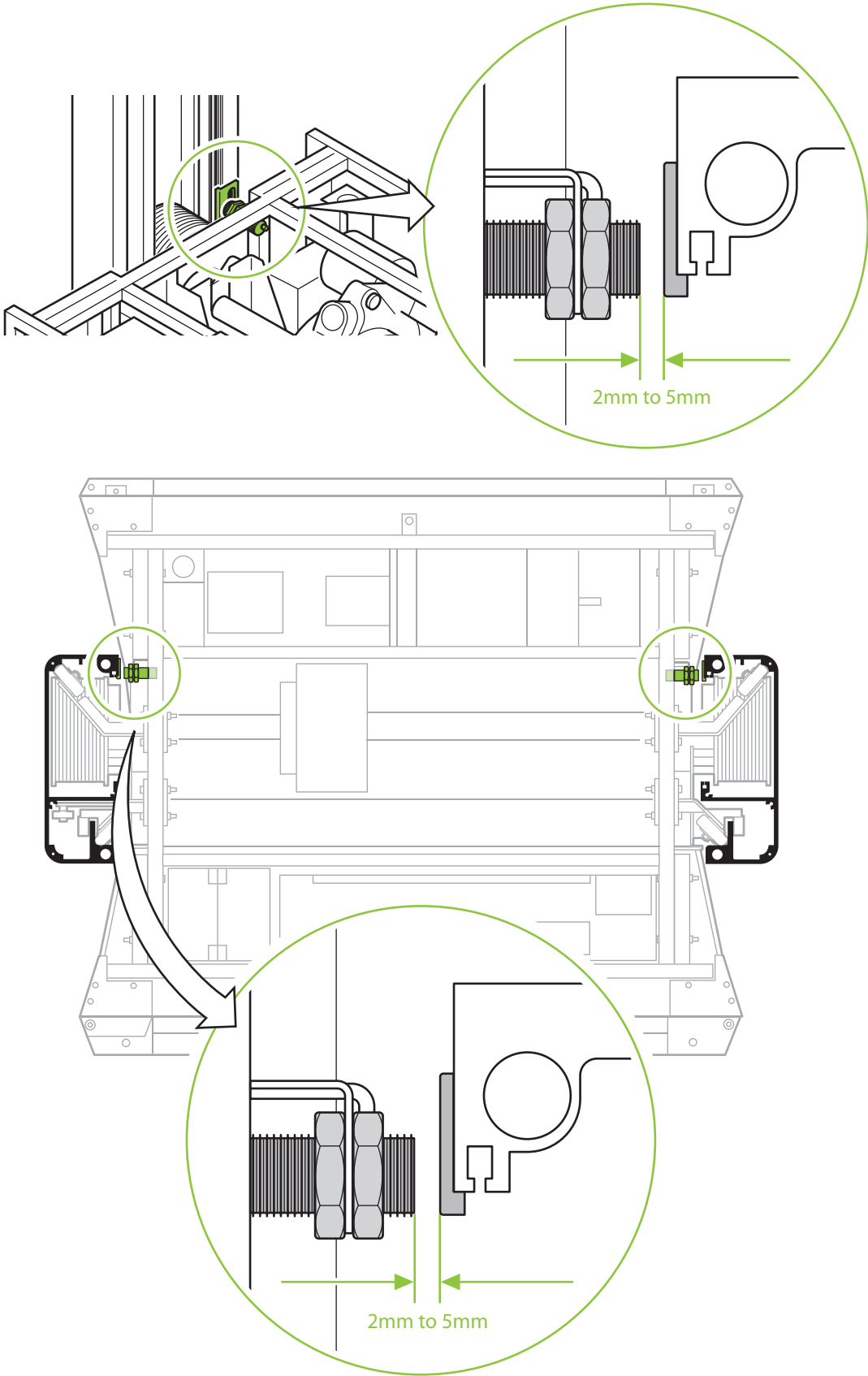
For connectors running through the dust covers, cut outs should be made to provide clearance

STEP 12: CAMS AND DOOR ZONE

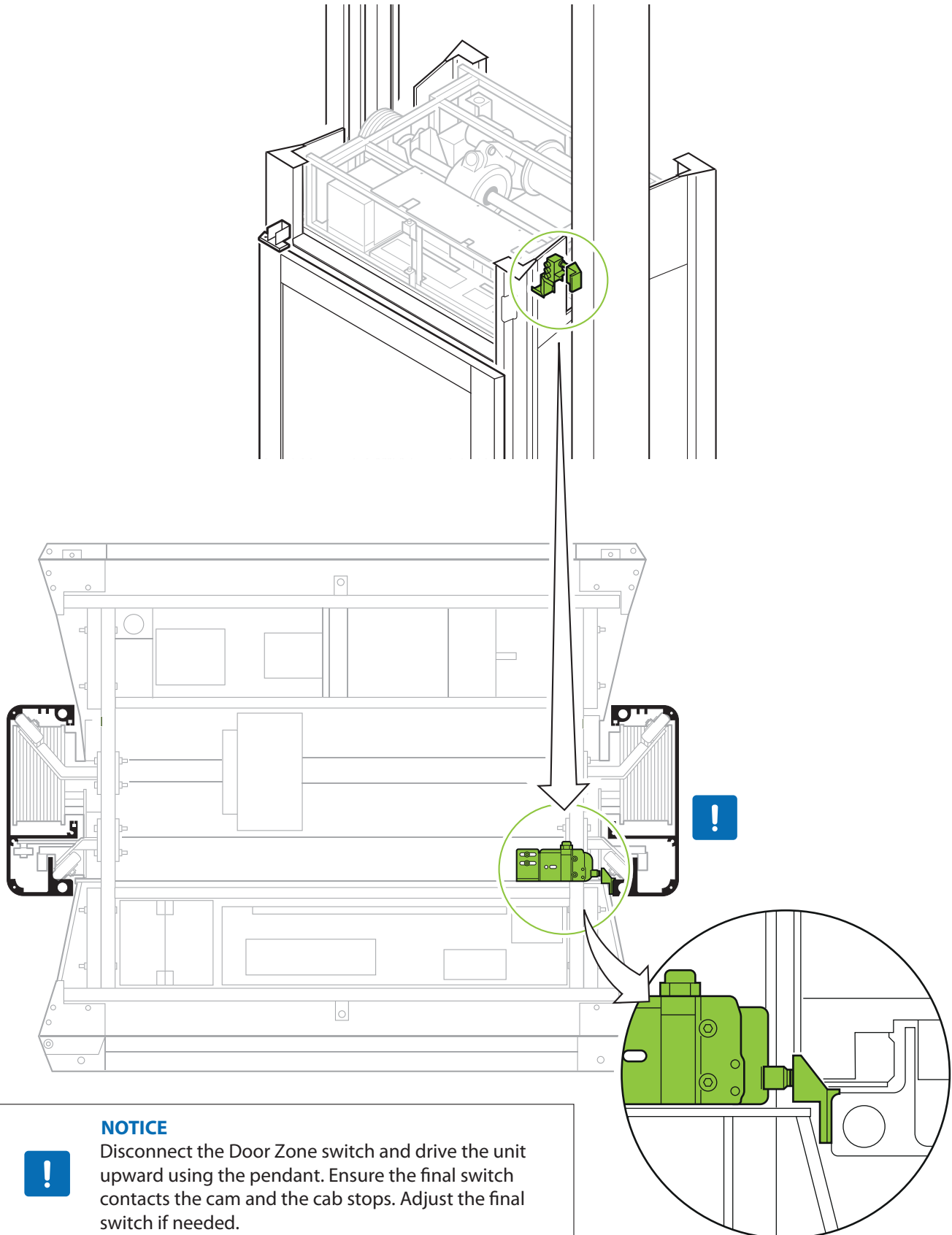
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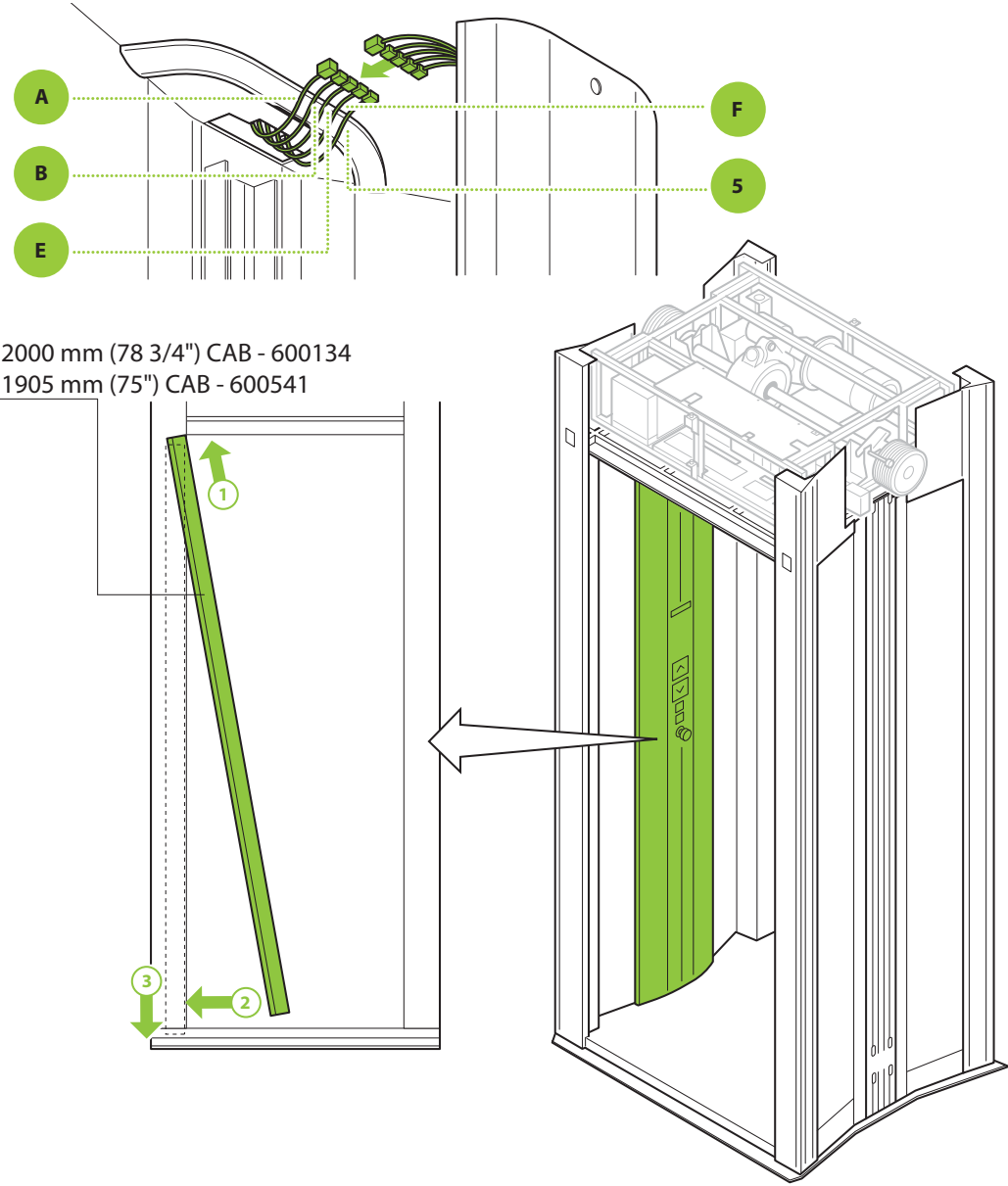


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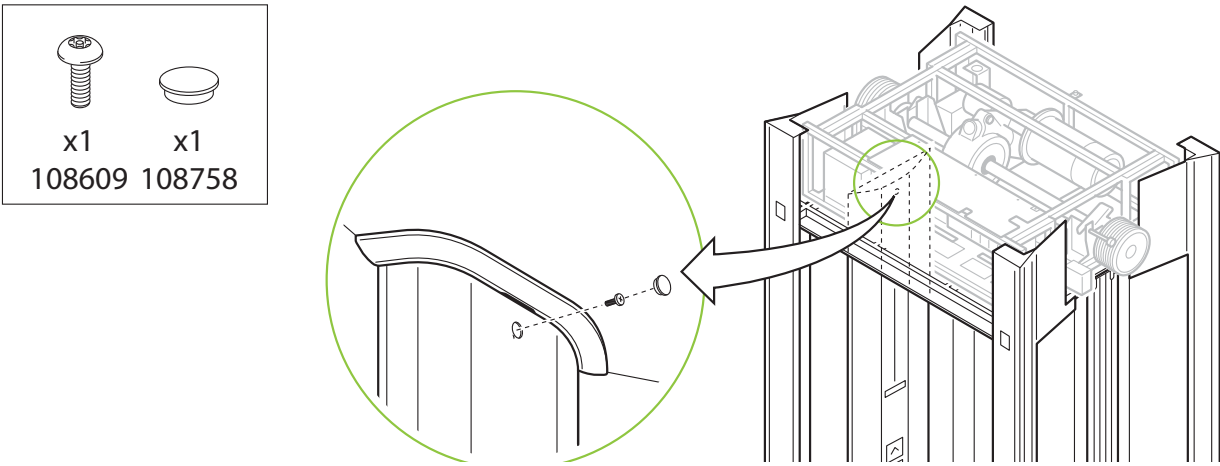


STEP 13: COP & OPPOSITE WALL INSTALLATION

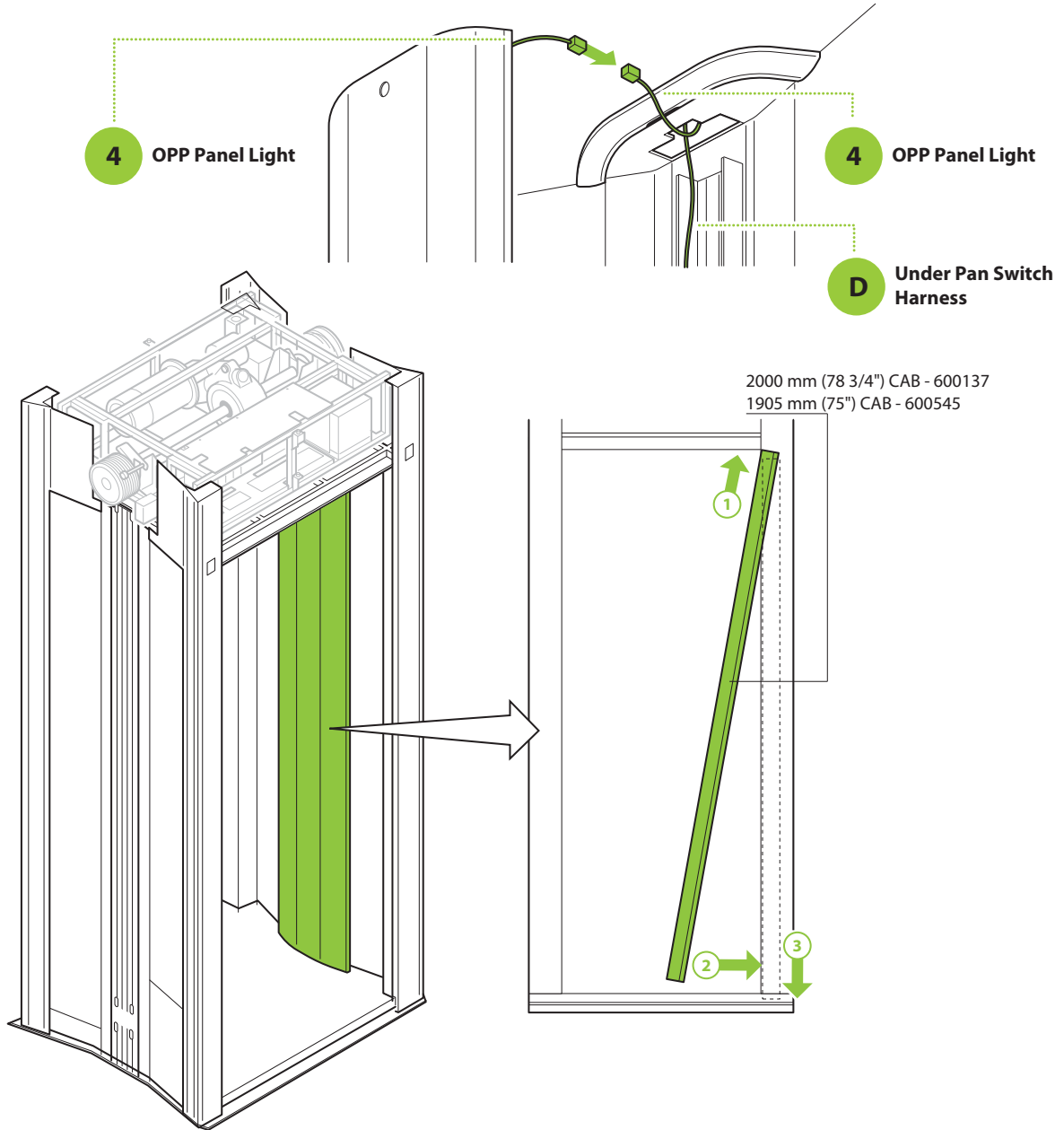
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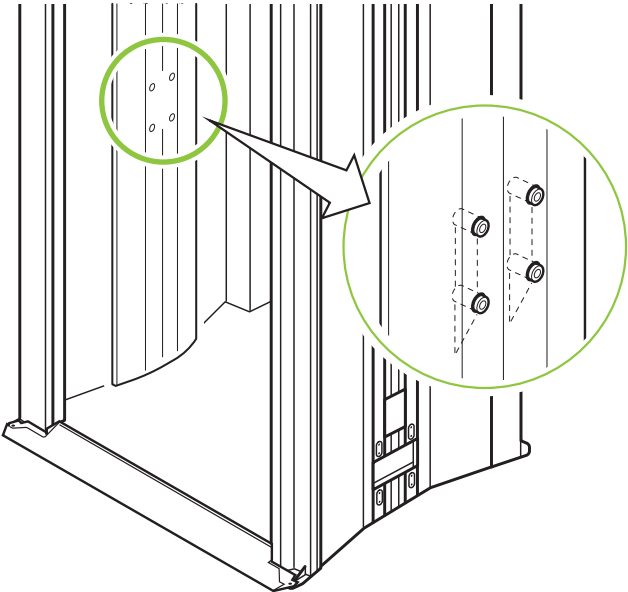
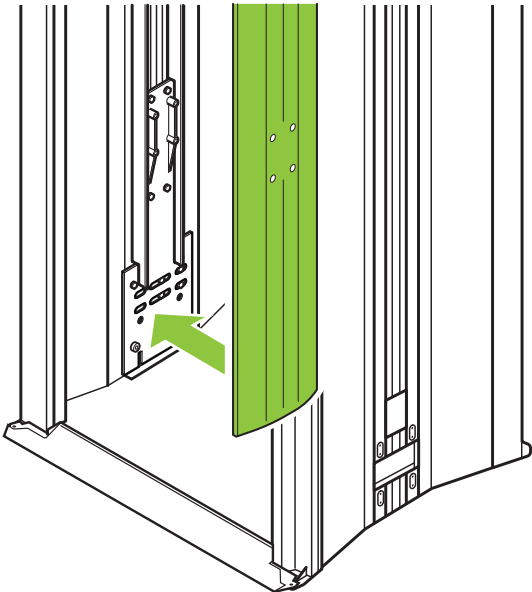
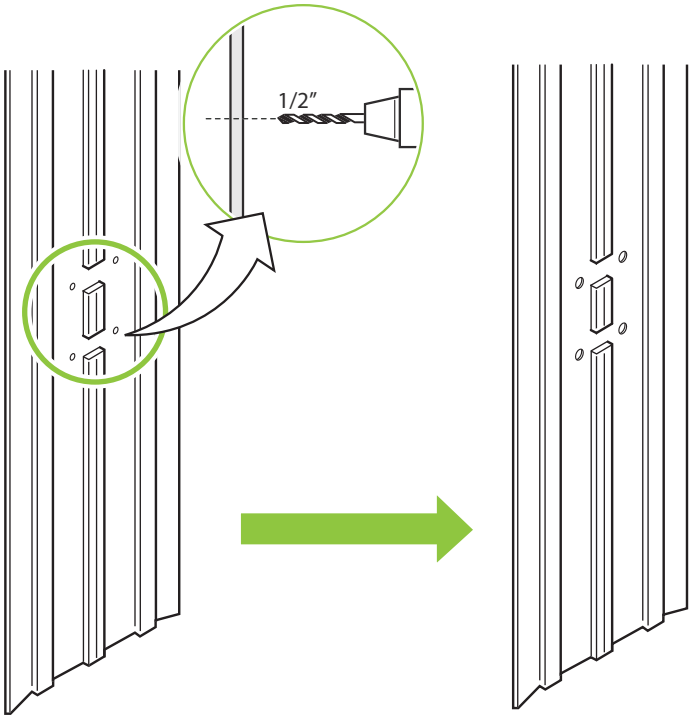
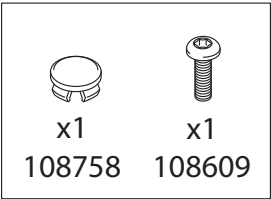
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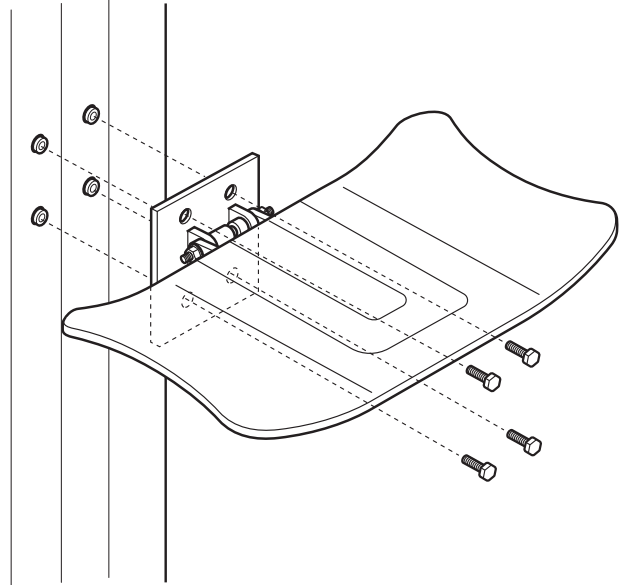
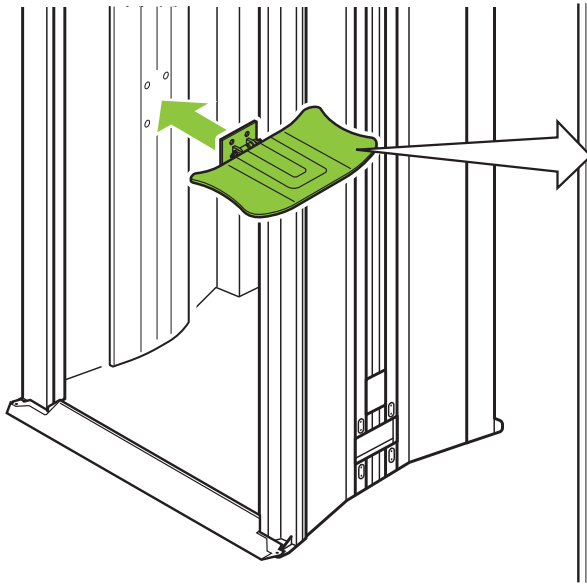
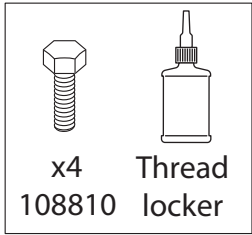
3A. Back Wall



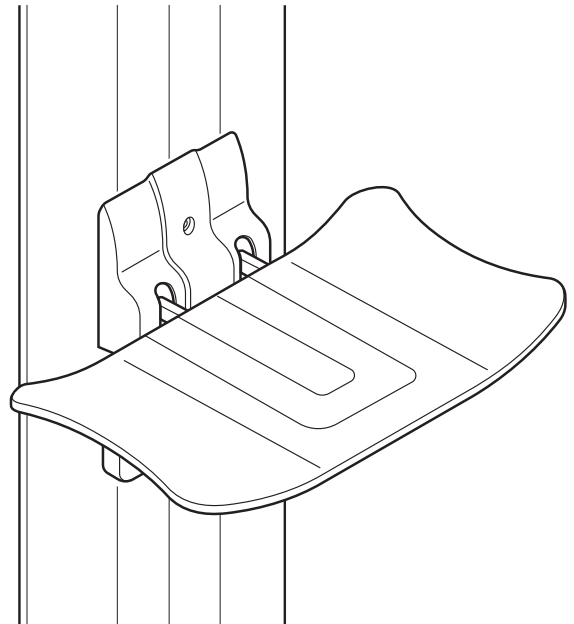
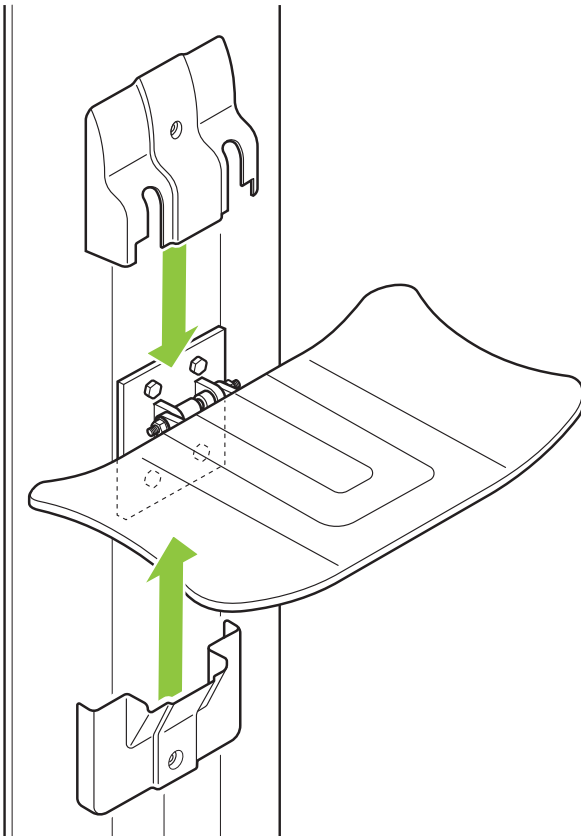
3B. Back Wall with seat (optional)



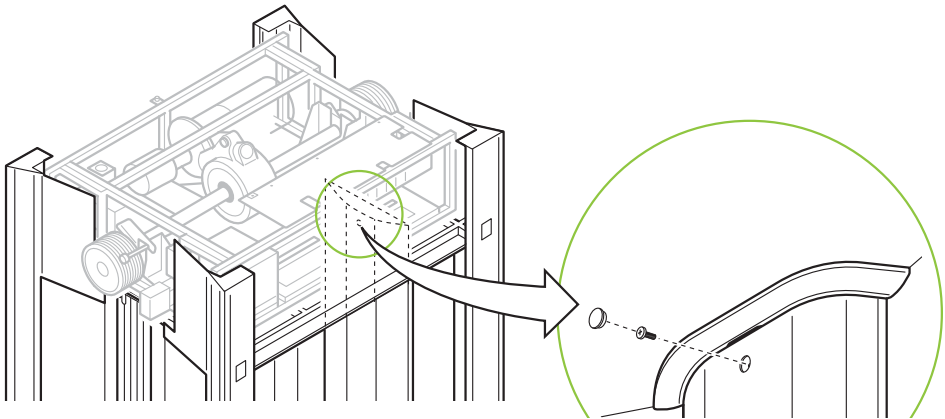
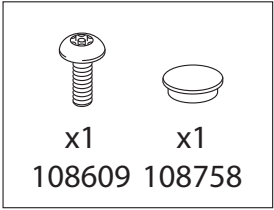
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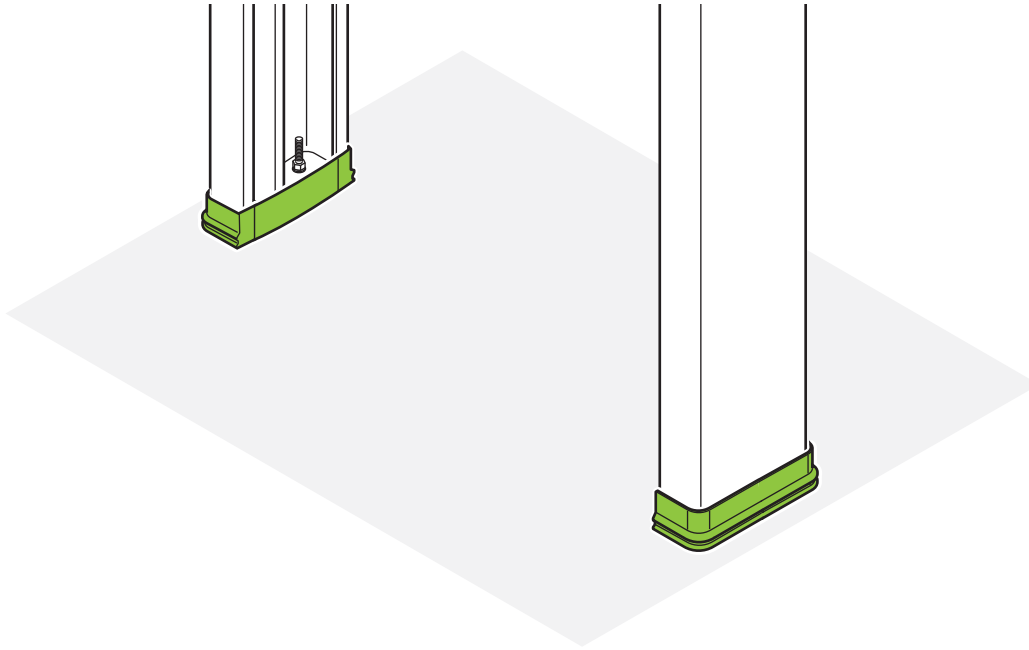


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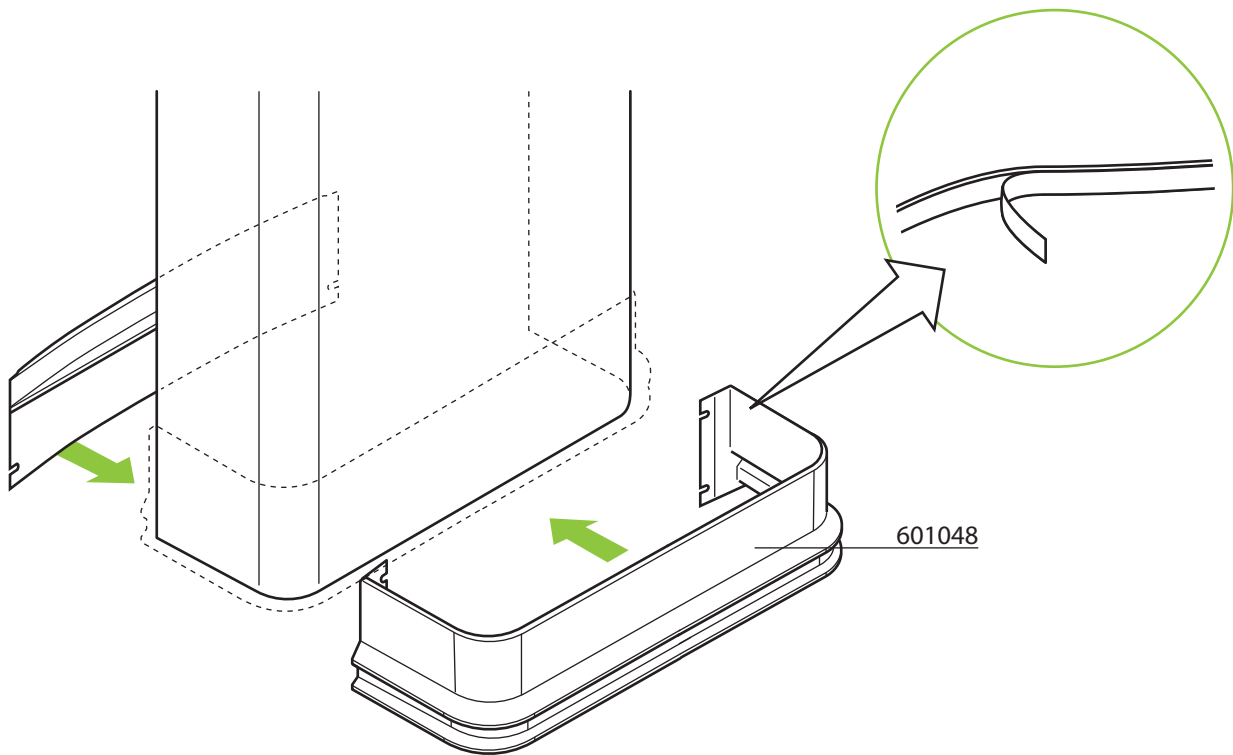


STEP 14: RAIL COVER INSTALLATION

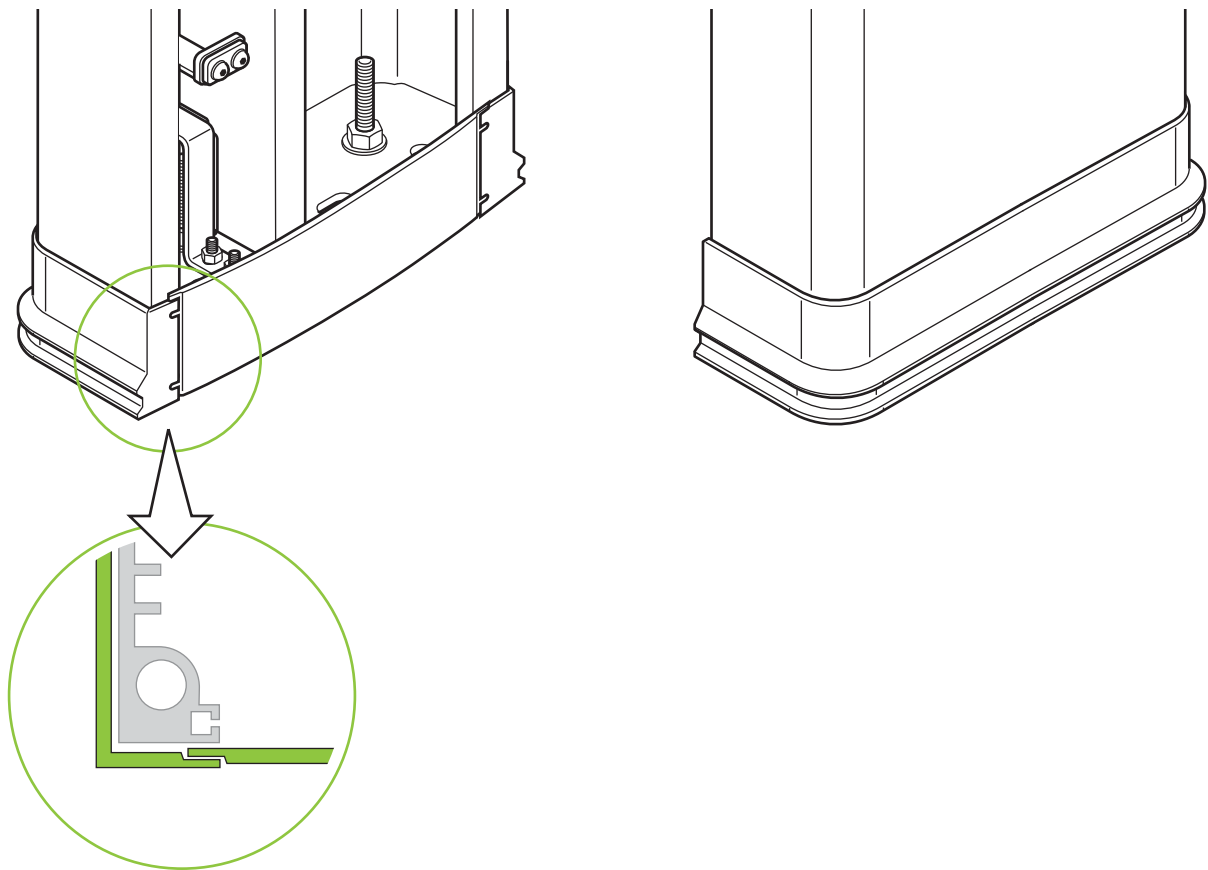
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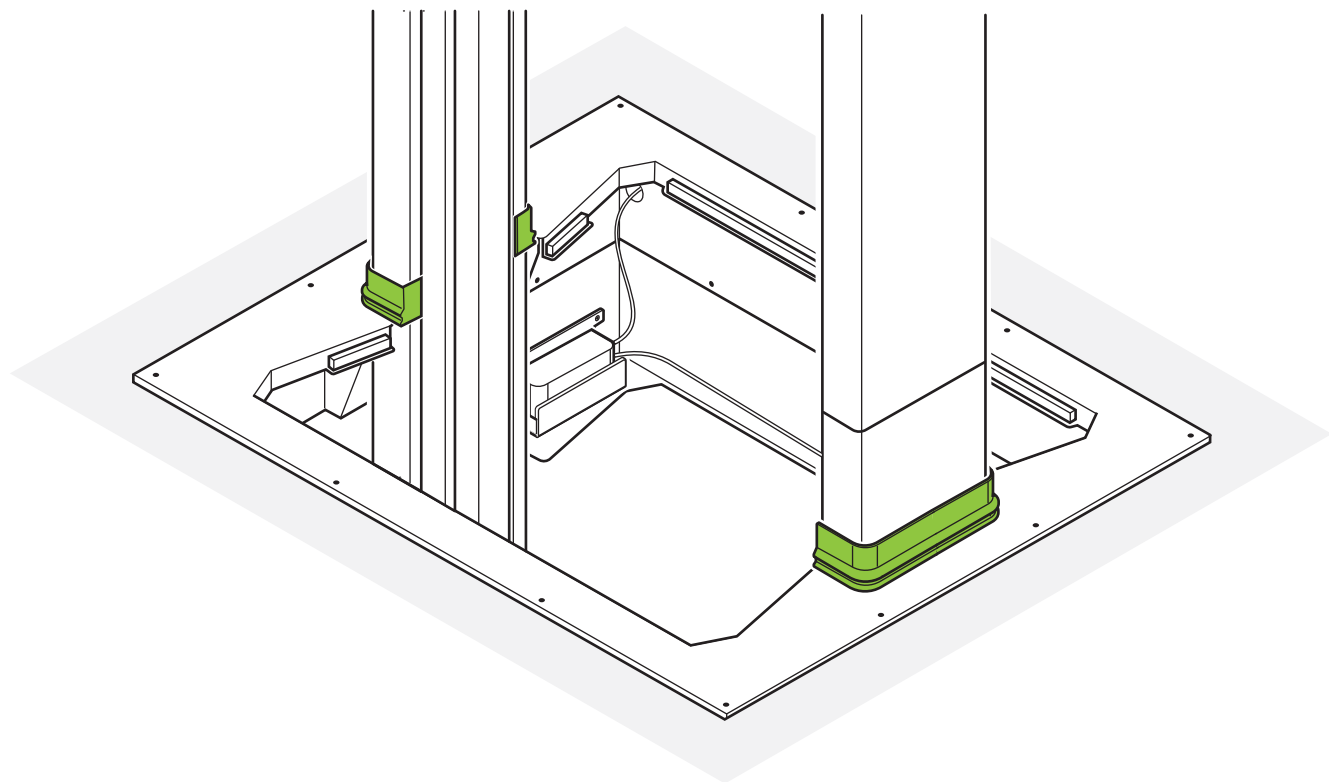
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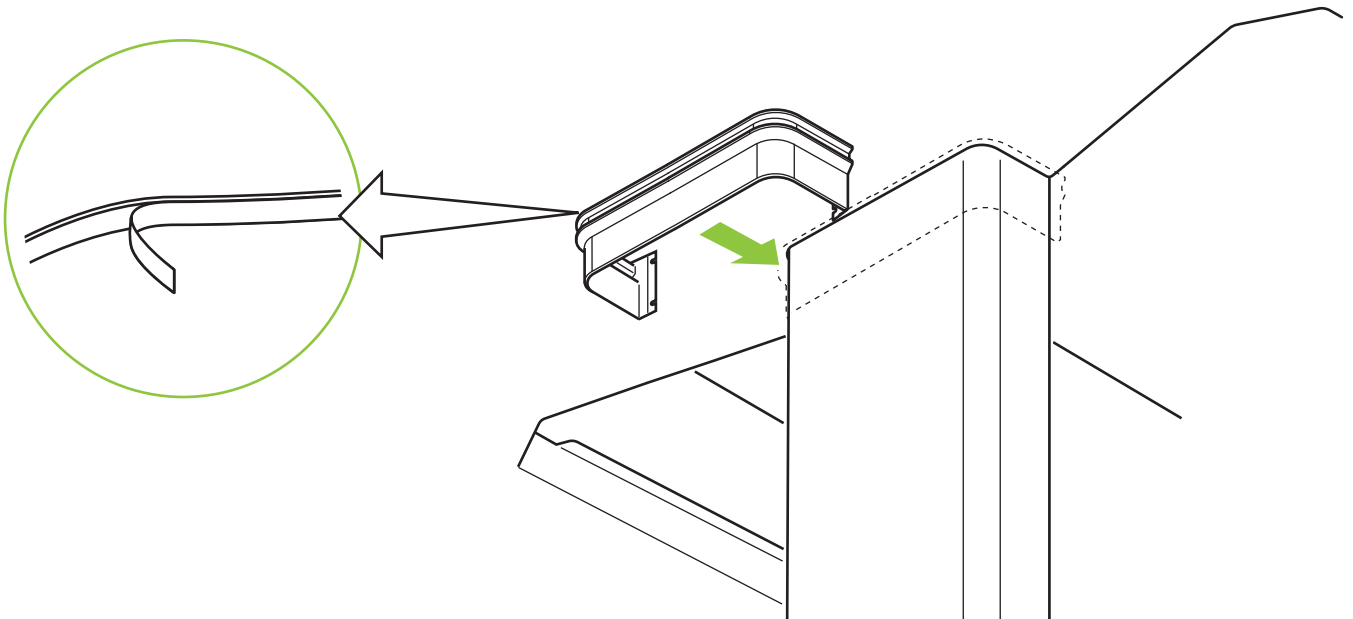
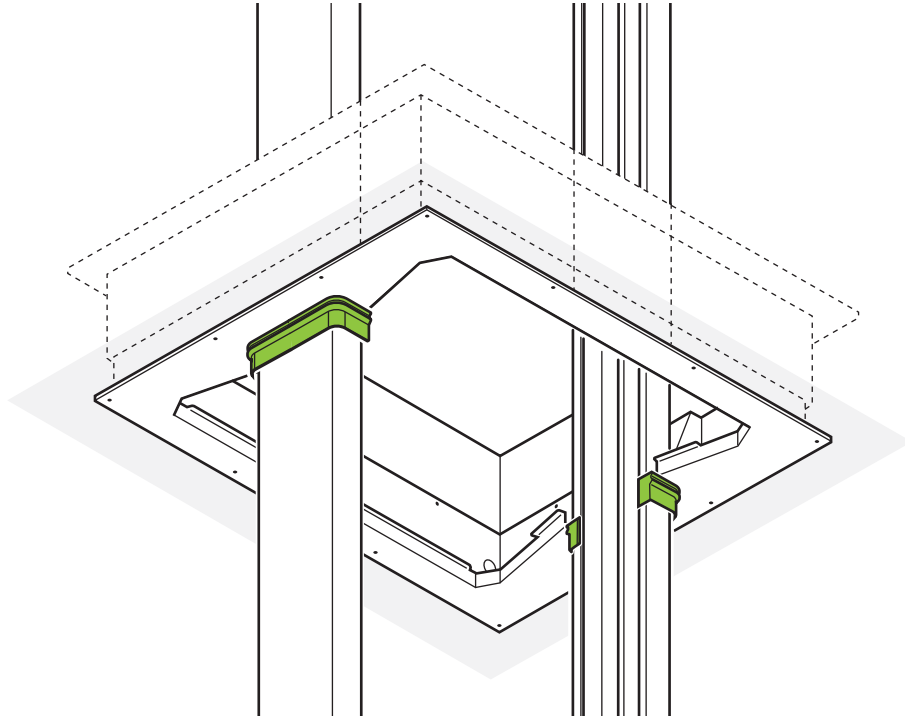
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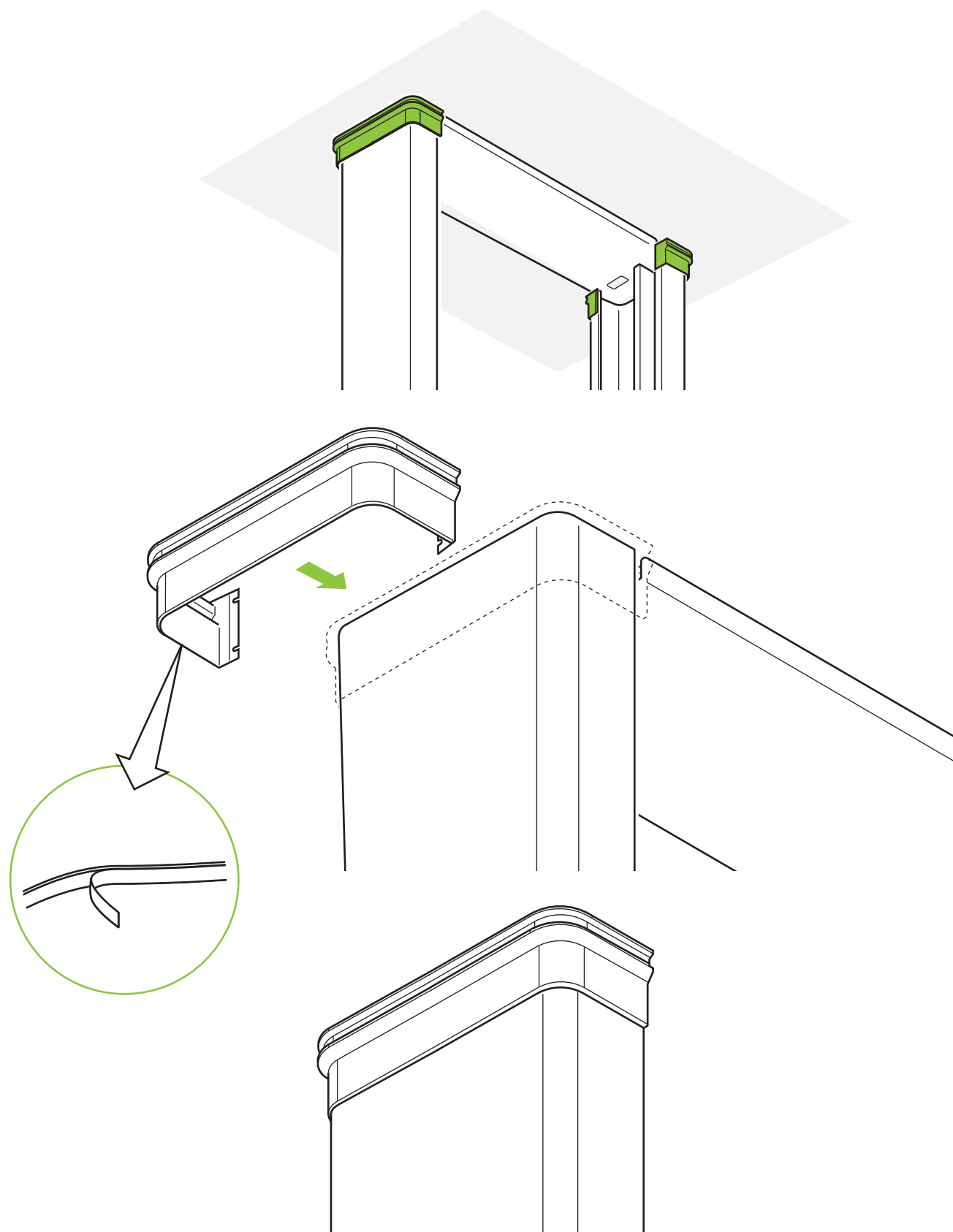
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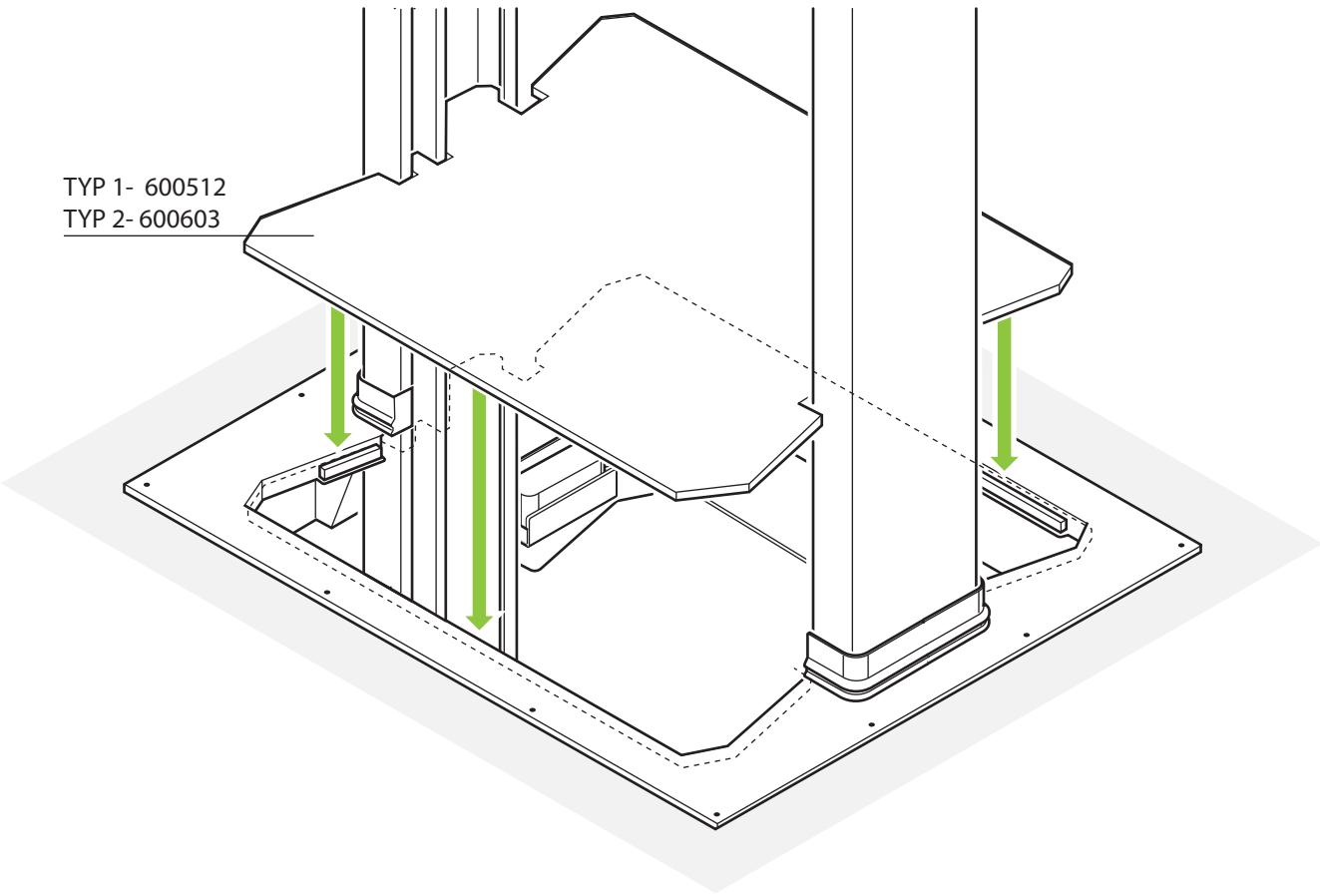
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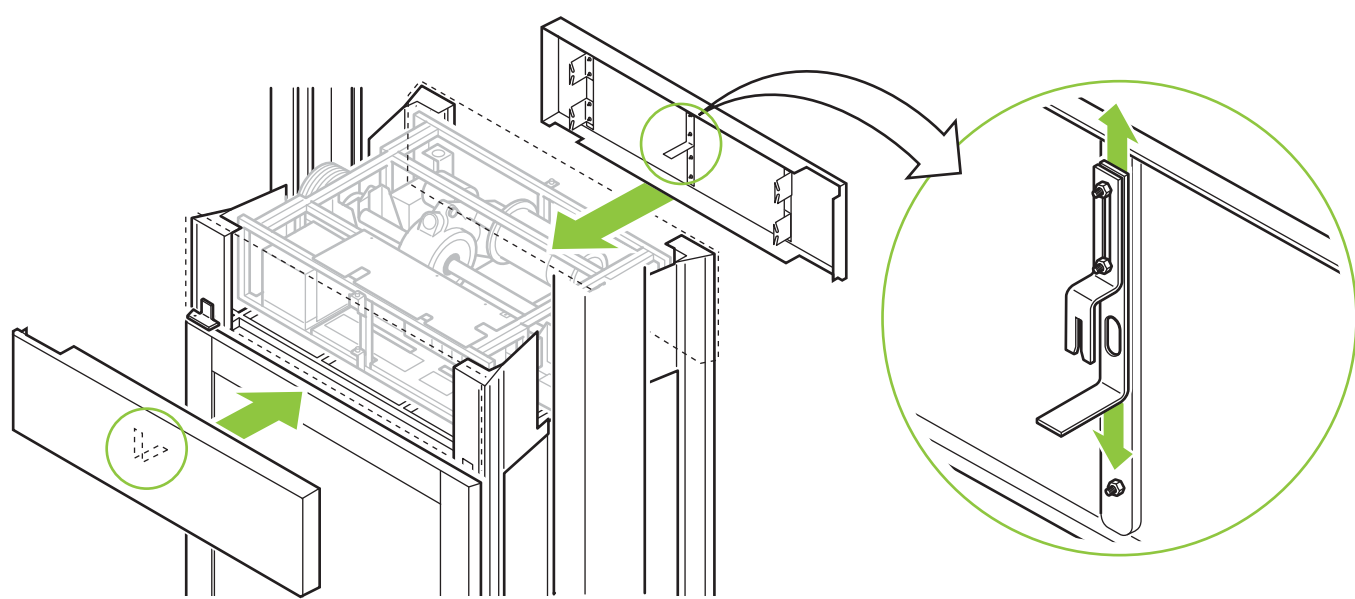
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STEP 15: FLOOR HATCH INSTALLATION



STEP 16:

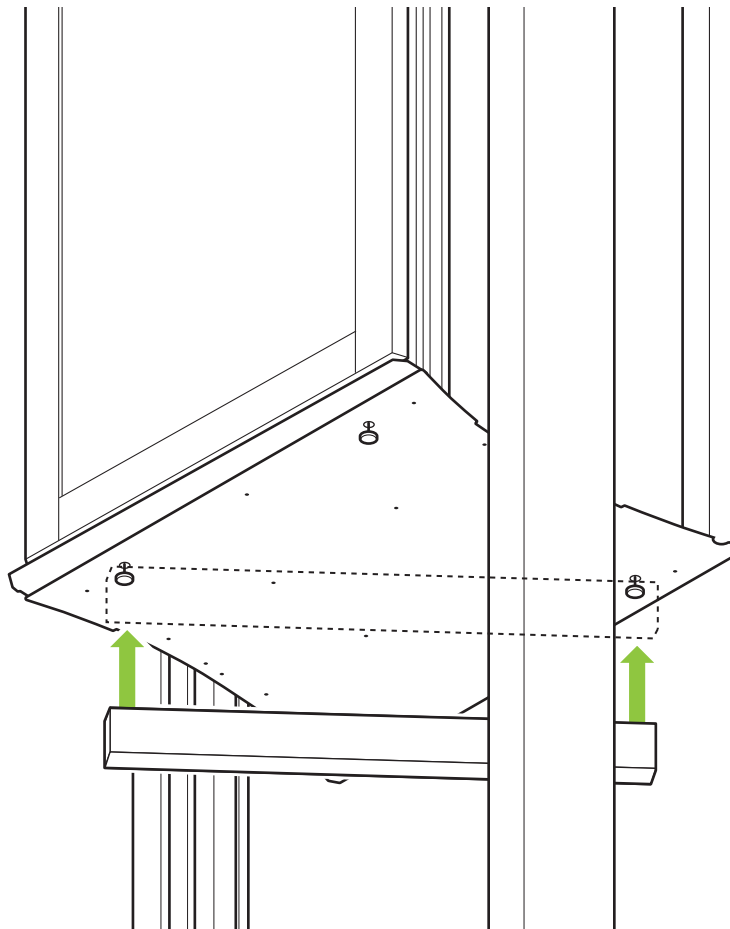


END OF INSTALLATION

APPENDIX A: SAFETY TEST & CHECKLIST

The following procedure is for performing the safety test on Luma.

1. Place a known weight of 180 kg (400 lb) inside the cab.
2. Raise the cab to a suitable height to allow access to the underpan for installing the leveling mounts.
3. Install four leveling mounts (PN# 108632) into the cab through the underpan.
4. Position a 4x4 wooden post diagonally, supported with either a hydraulic or pneumatic jack, ensuring it rests securely against the leveling mount. (Image above for reference only)
5. Once positioned and supported correctly, use the hydraulic or pneumatic jack to raise the cab to 305 mm (12 inches).
6. Slowly release the pressure, allowing the jack to reach its lowest position. At this stage, there should be no contact between the jack and the cab. The cab should now be secured by the safety brakes, ensure that the knurled wheels engaged and catches against both the rails.
7. Verify the safety brakes are engaged and the cab remains stationary without moving downward. Once verified, use the pendant to disengage the safety brakes by running the elevator in the upward direction.
8. Run the lift up until it is between the landing. At this point, remove the four leveling mounts
9. Run the lift down, remove the pendant and turn on both switches (door and safety) in the controller to restore the lift to normal operation.



Safety Checklist

Luma

Job Number: _____

Location of the lift: _____

Serial Number: _____

Date of Installation: _____

According EN81-41:2022 Section 6.3.1 (North America Only)

Immediately upon completion of installation and prior to being put into service, lifting platforms shall be subjected to a thorough examination and test by a competent person in accordance with the following:

Checklist	Description	Verification
Call Stations (In-cab)	Check the function (Press and hold to run) of the up and down buttons on COP.	
Call Stations (At Landing - Remote)	Check the function (Press and hold to run) of the up and down buttons on the remote.	
Door Lock	Bottom and Top Landing (Door Open)- Ensure the unit will not run with the door open.	
	Bottom and Top Landing (Door kept unlocked using the manual key and closed) - Ensure the unit will not run.	
Stopping distance of the lift is within specified limits	Ensure that the cab floor is level with the landing sill within 6 mm (1/4") at both landings. Adjust the cams if necessary to meet this requirement.	
All electrical safety devices function correctly	Ensure that when the emergency stop button inside the cab is pressed, the alarm sounds, and all controls to move the elevator, both inside the cab and at the landing, should stop working	
	Activation of the underpan interrupts the travel (down direction only).	
	When the hatch is engaged and the hatch safety switch is activated with a load of 20lbs or more, the lift should not move further in the upward direction.	
	Activation of the final limit switches should interrupt travel (activate cautiously by any hand/tape).	
	Activate the slack rope/safety gear switch and verify that the lift does not move in either direction.	
The correct clearance dimensions from the surrounding structure are maintained throughout the full travel.	Gap between the floor liner and the car entrance/exit should be ≤ 25 mm.	

Emergency manual lowering system operates correctly.	When manual lowering socket is removed, the landing and in-cab directional controls are rendered non-functional.	
One Touch Alert (Two-way communication) is functioning correctly.	Place a test call through one touch alert and check for call quality.	
	Refer to One Touch Alert Installation and Setup Guide to verify operation and handover to the end-user.	
Batteries	When the cab is at the landing, ensure proper contact with the charging strips and that the battery begins charging. Verify charging status with the following indicators: Solid Green light - Indicates that the battery is fully charged Solid Orange light - Indicates the battery is currently charging	
	Ensure audio signal when the lift is not at the landing (periodic beep every 10 seconds).	
	Disconnect the main battery quick connector. Ensure emergency light and One Touch Alert (Two-way communication) are functional.	
Training and document handover	All notices or labels are correctly displayed.	
	Train owner/user on proper lift operation	
	Demonstrate emergency operation to owner/user	
	Provide lift documentation to owner/users	
Savaria Link	Confirm Savaria Link is connected	

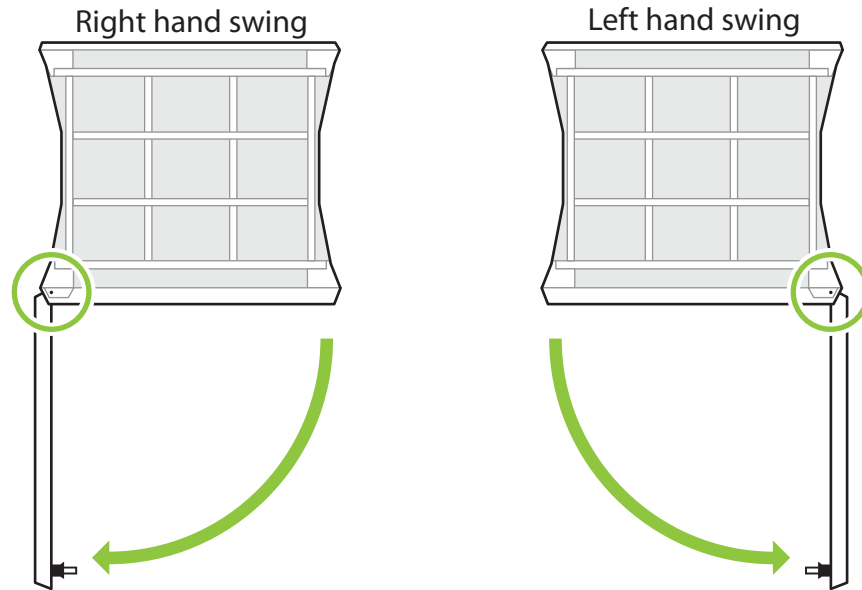
Completed by (print): _____

Company: _____

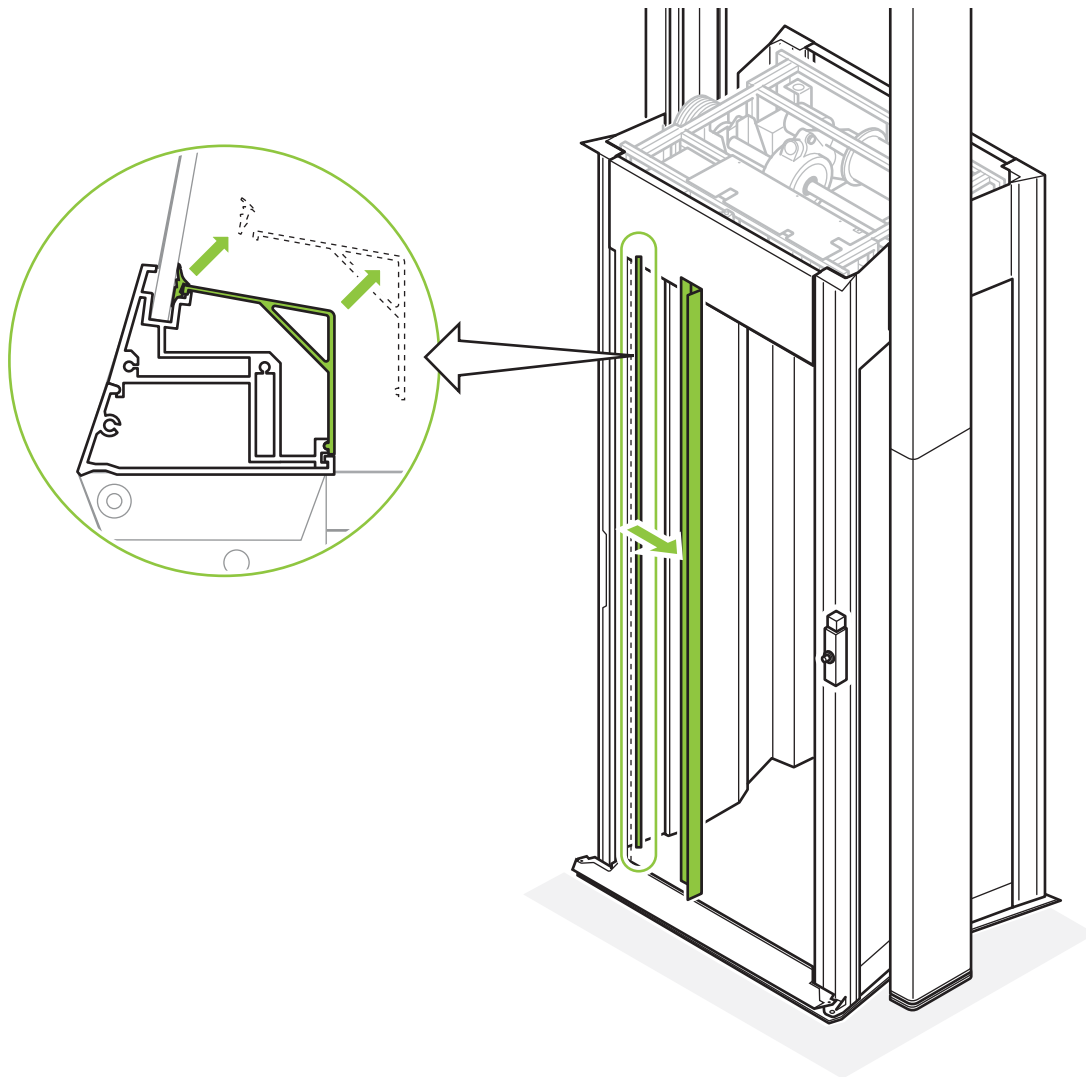
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Signature: _____

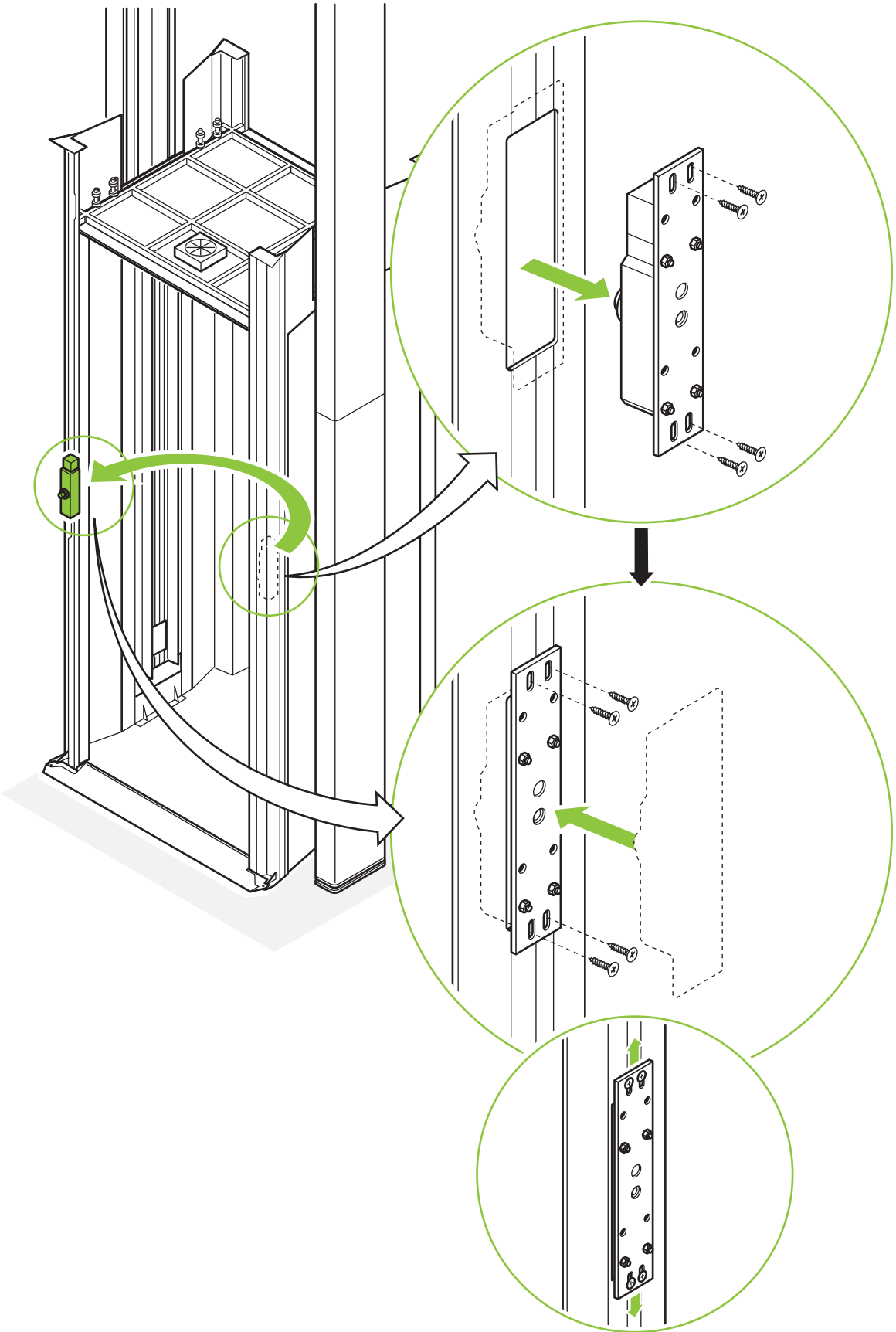
APPENDIX B: CHANGING THE DOOR SWING DIRECTION



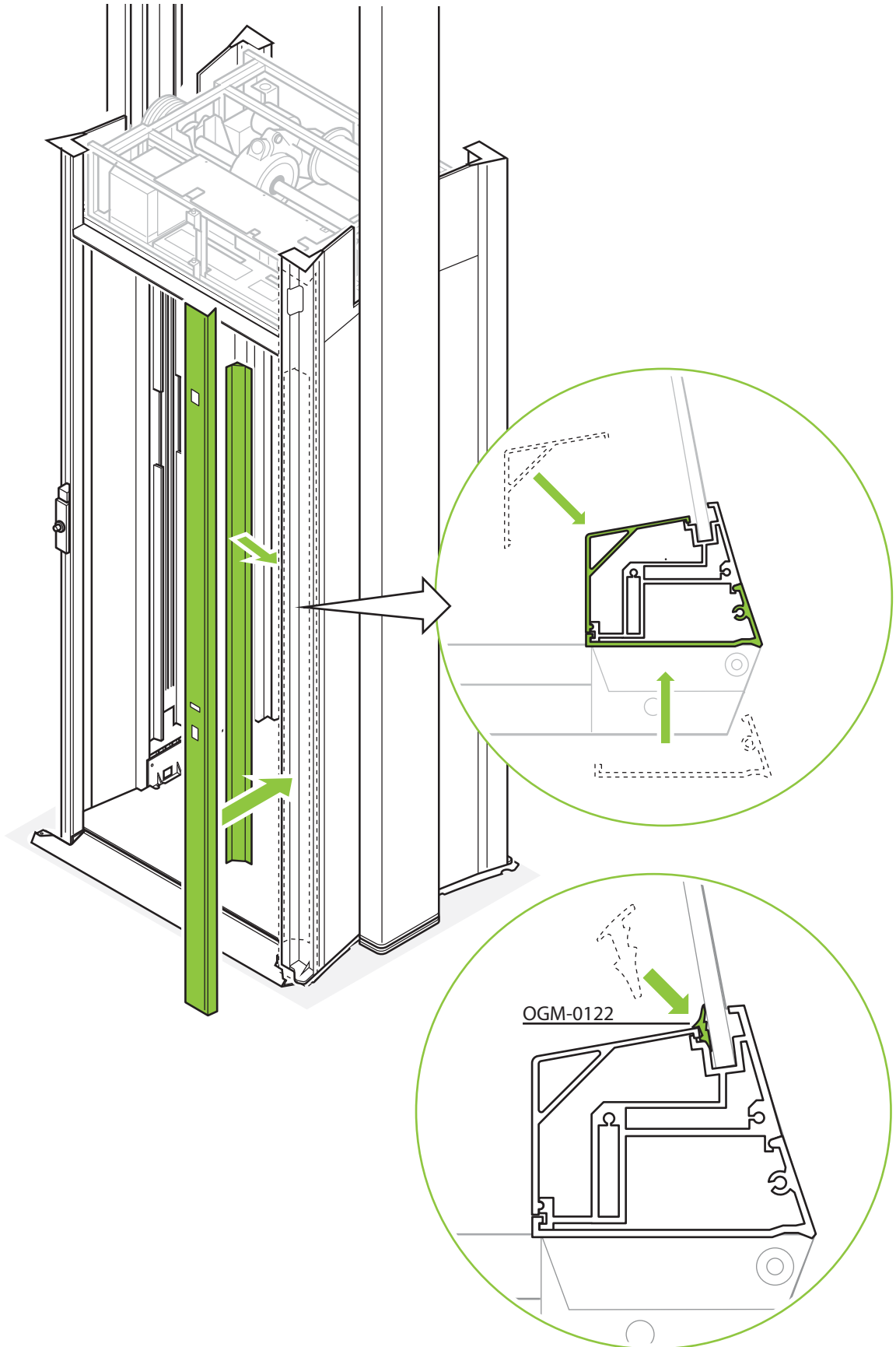
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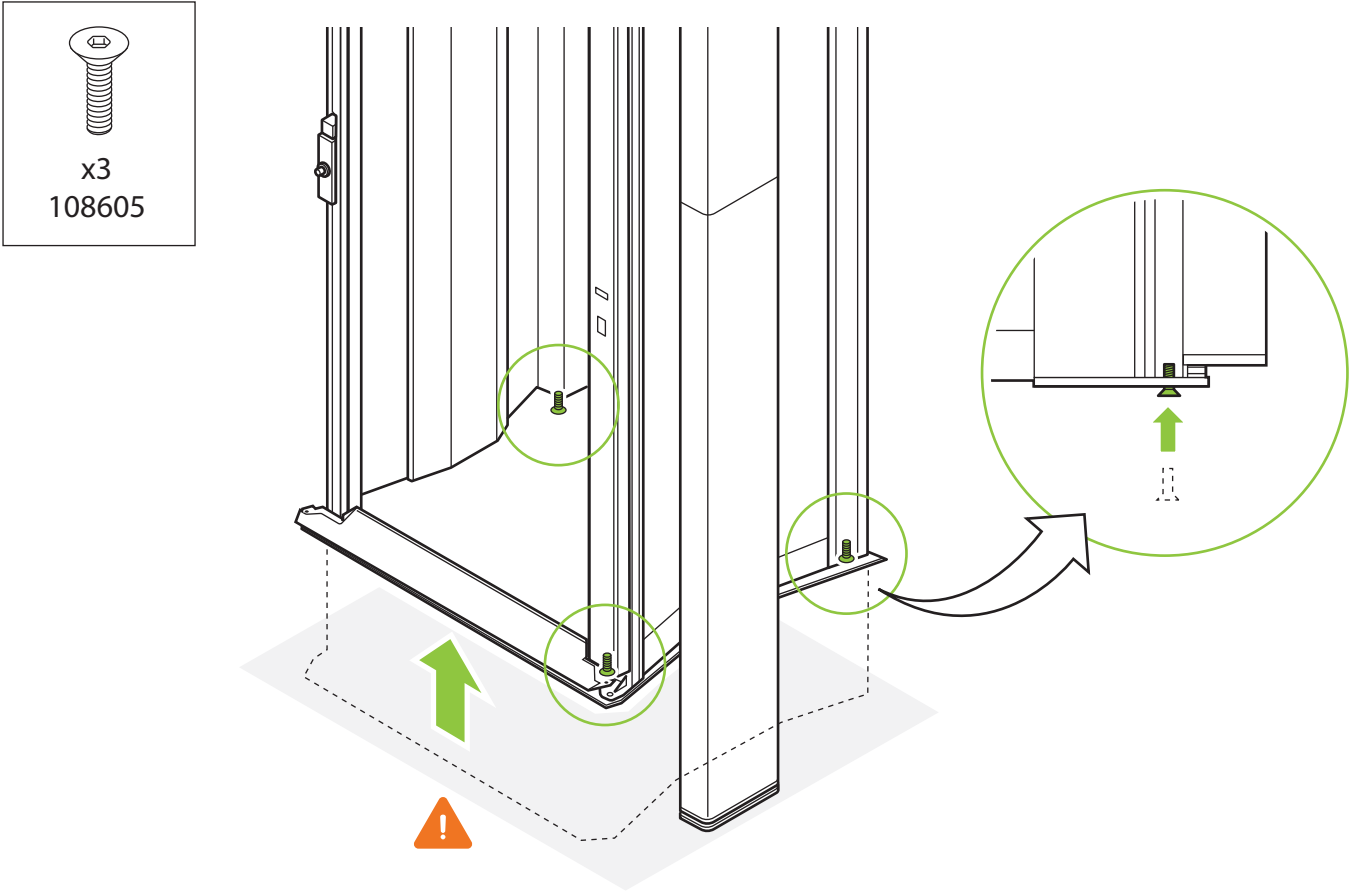
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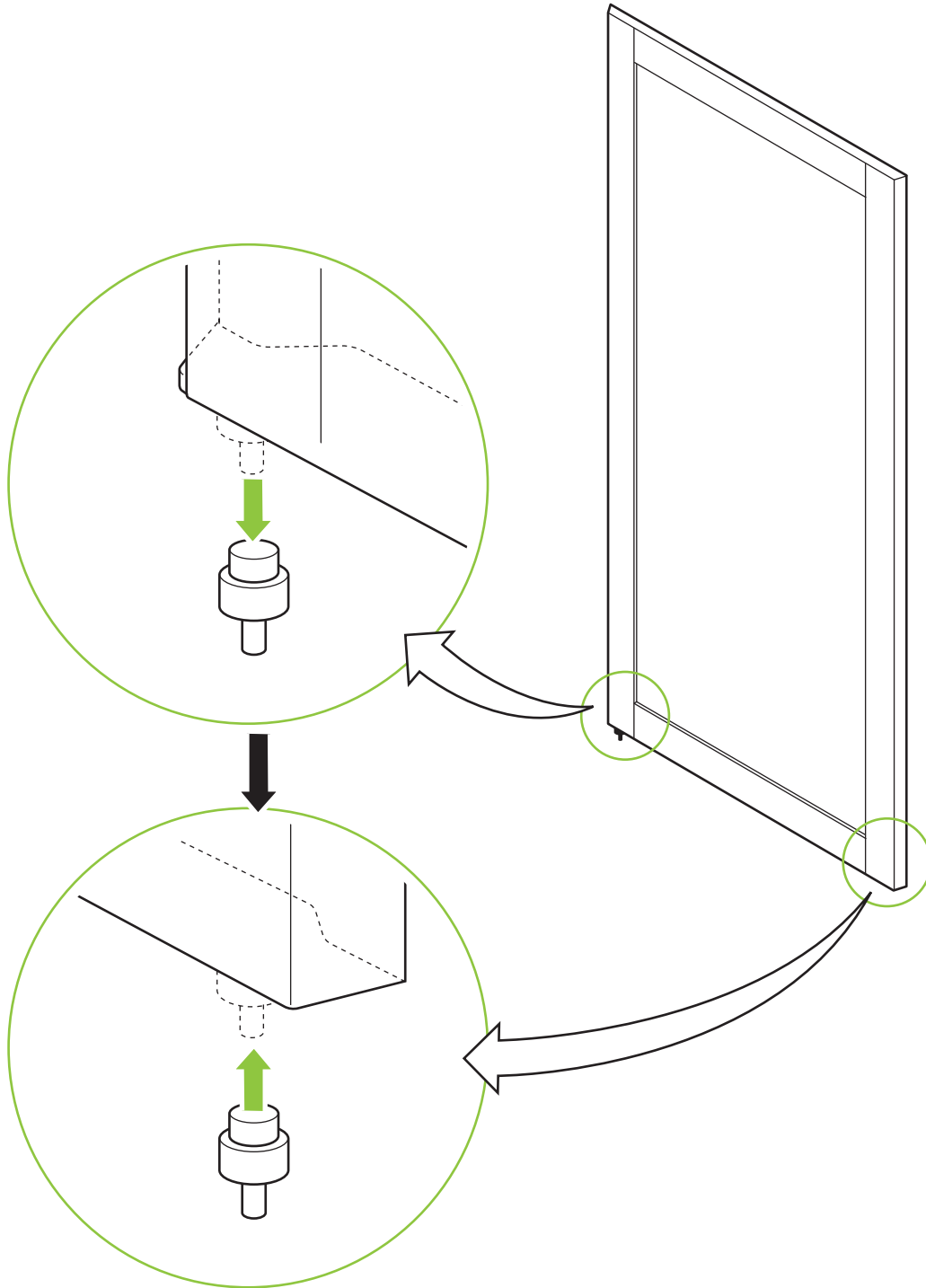


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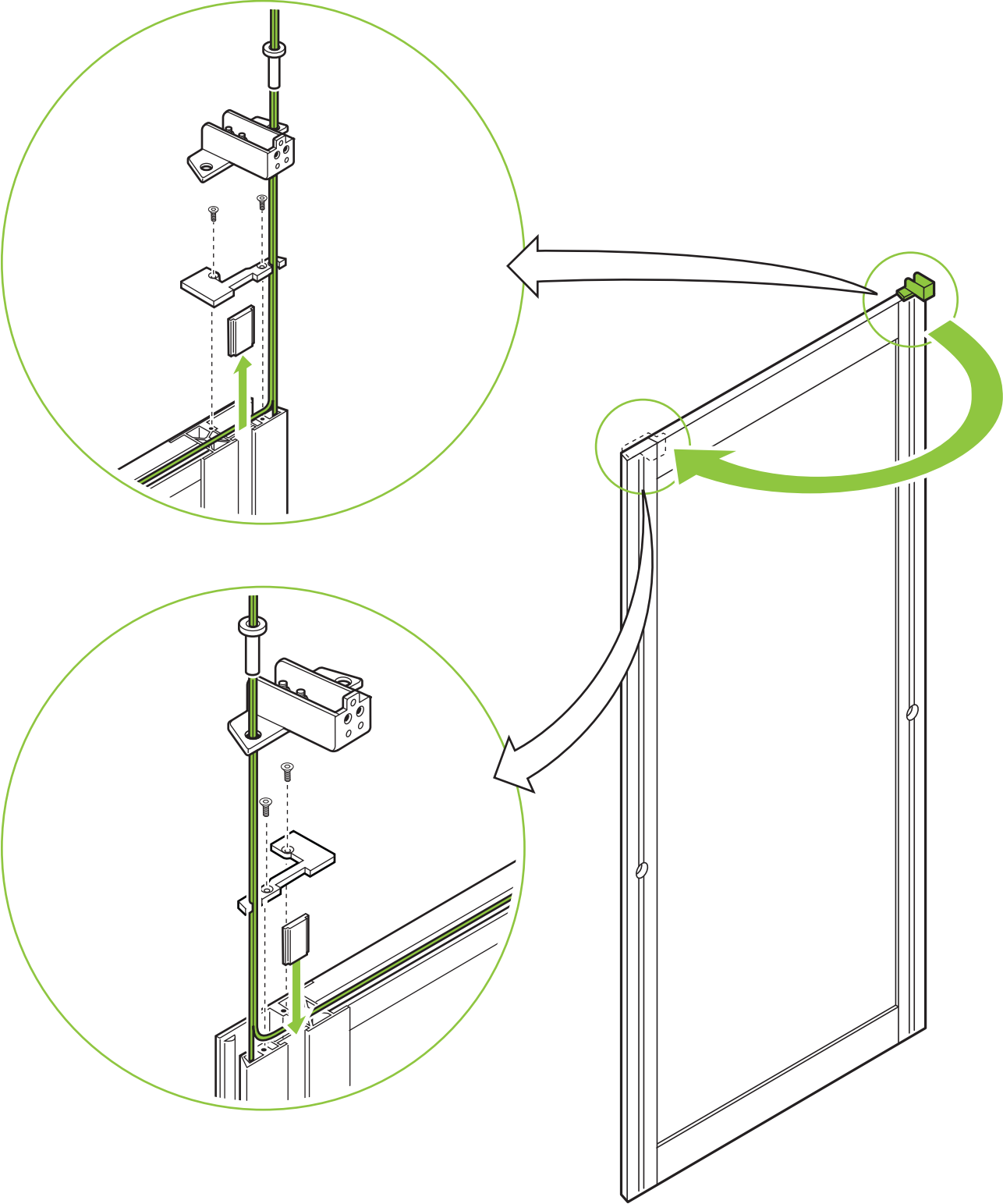


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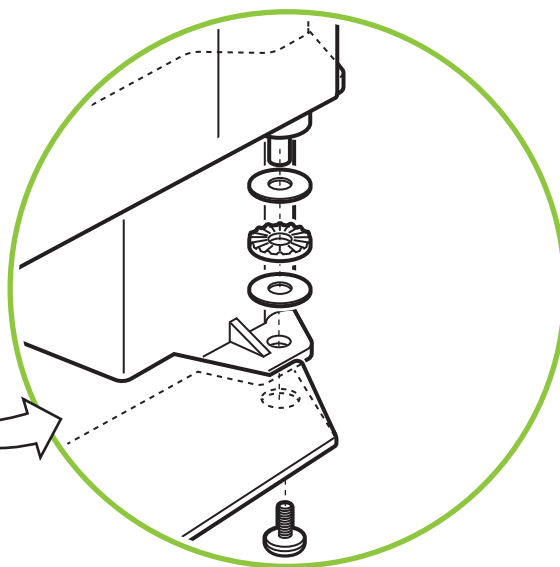
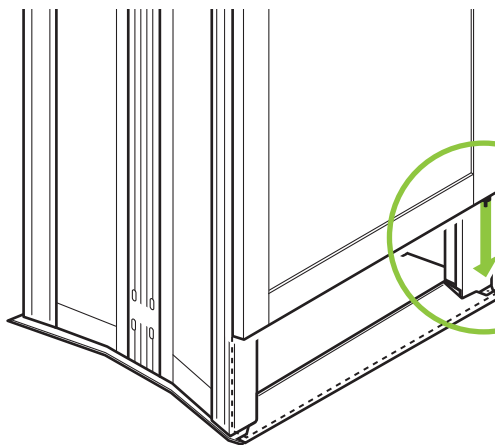
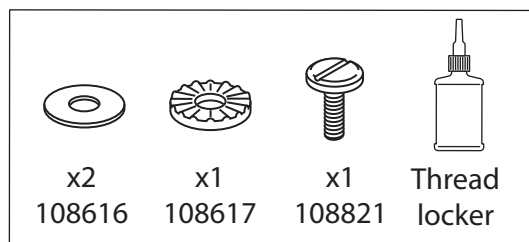


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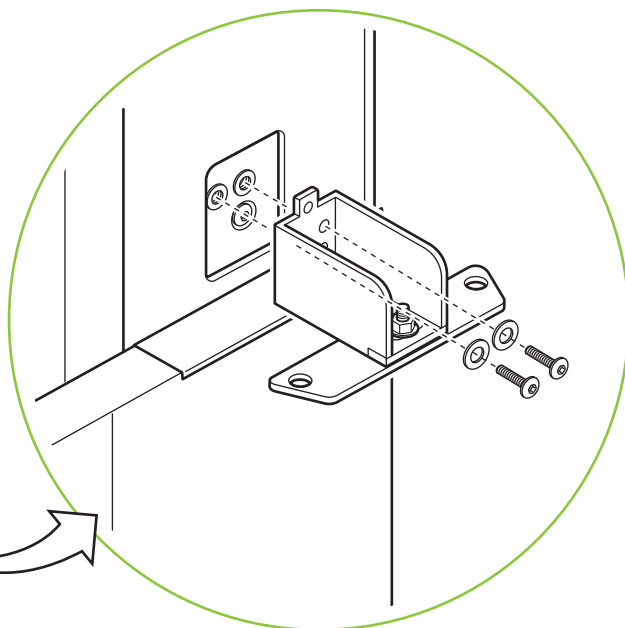
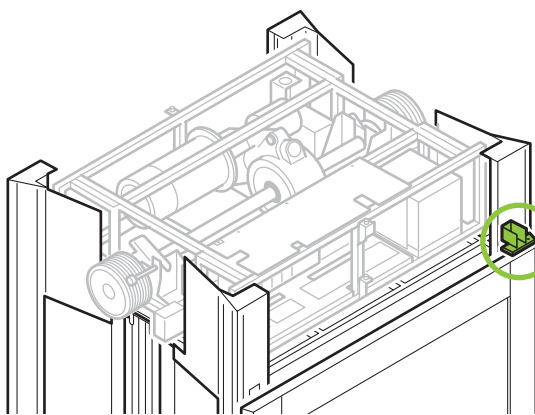
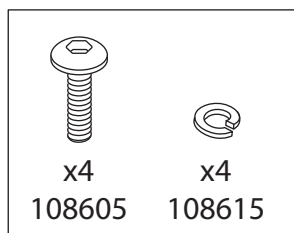
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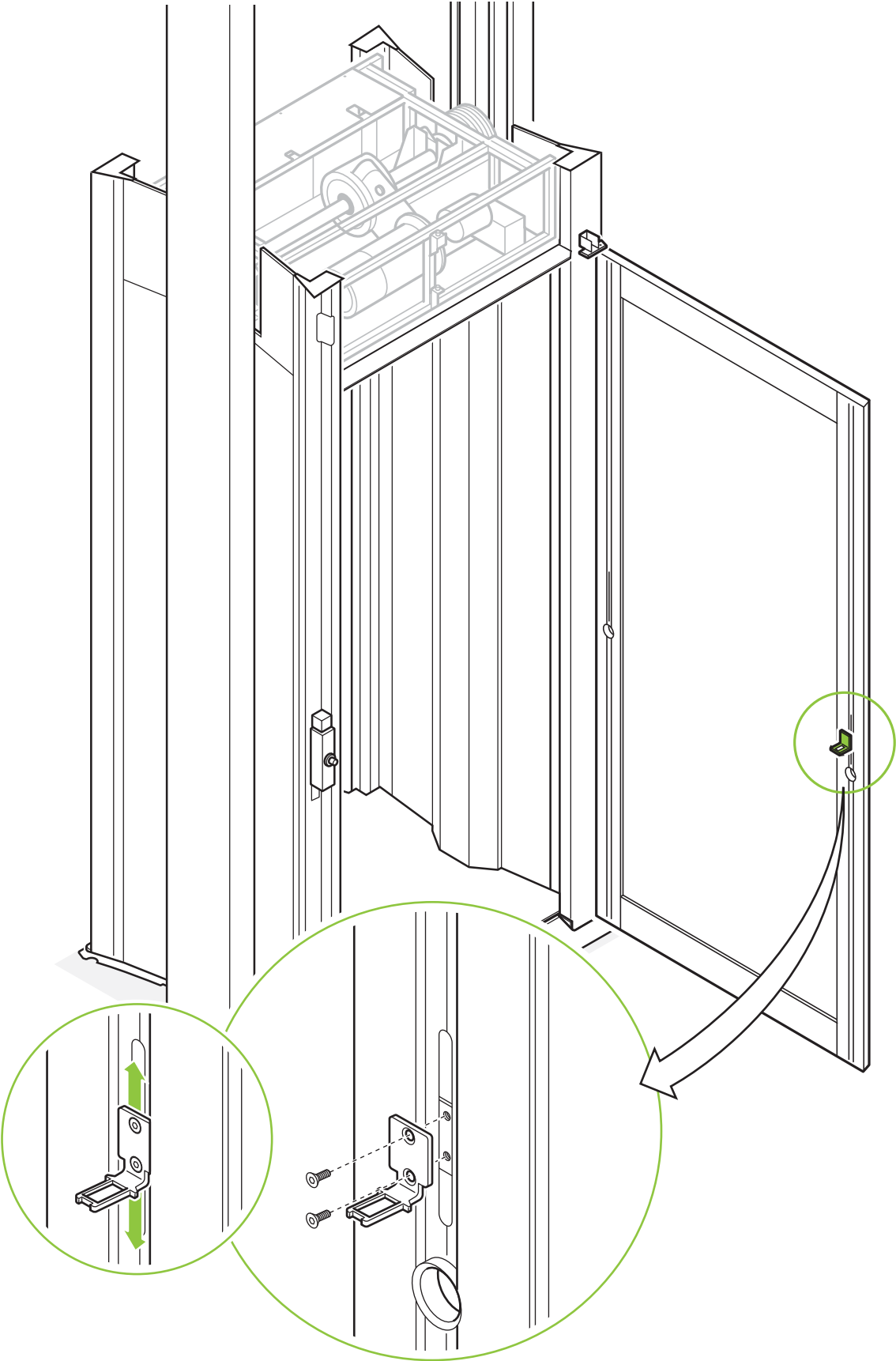
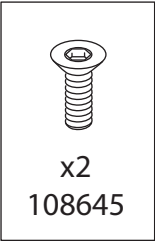
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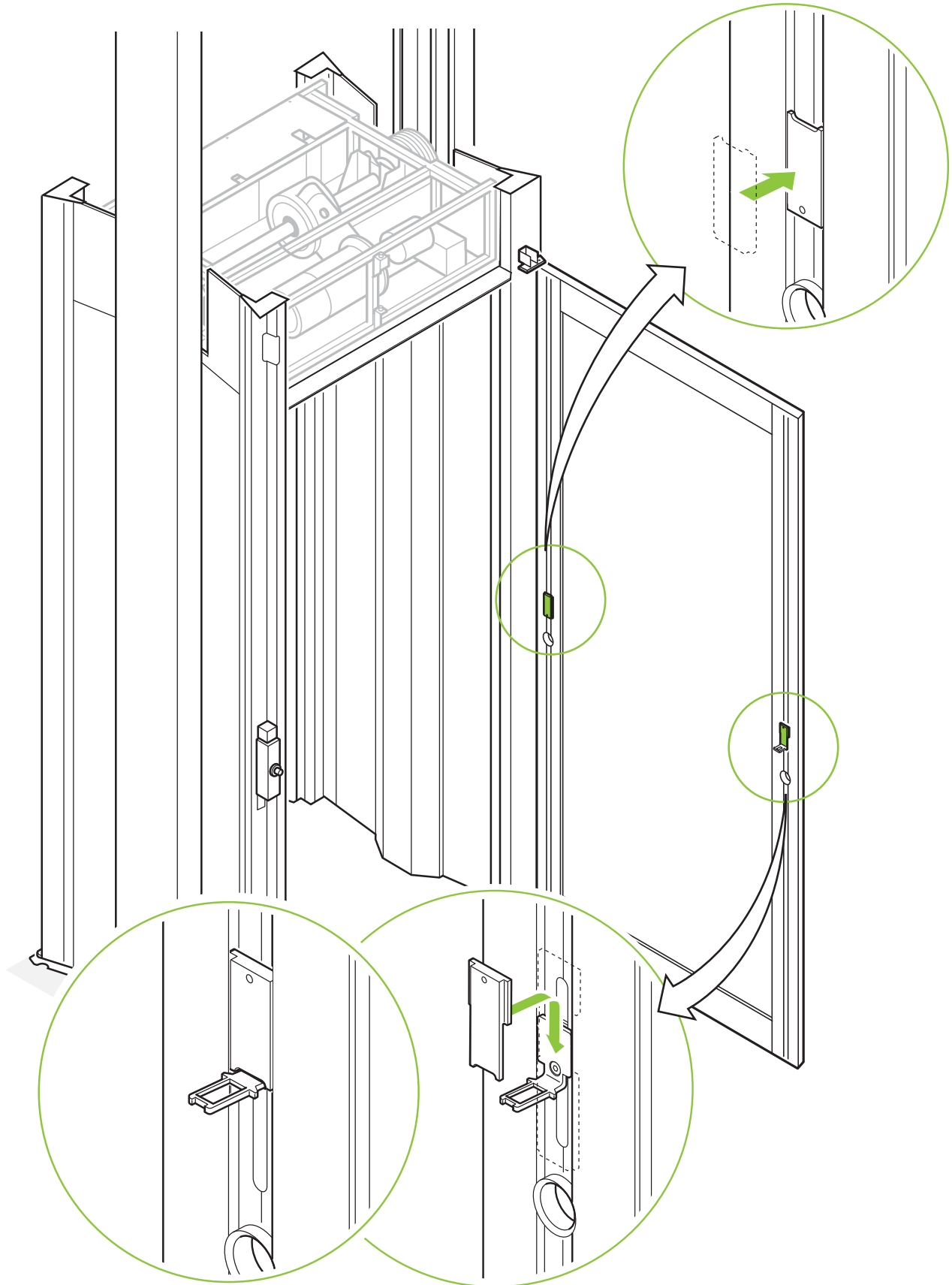
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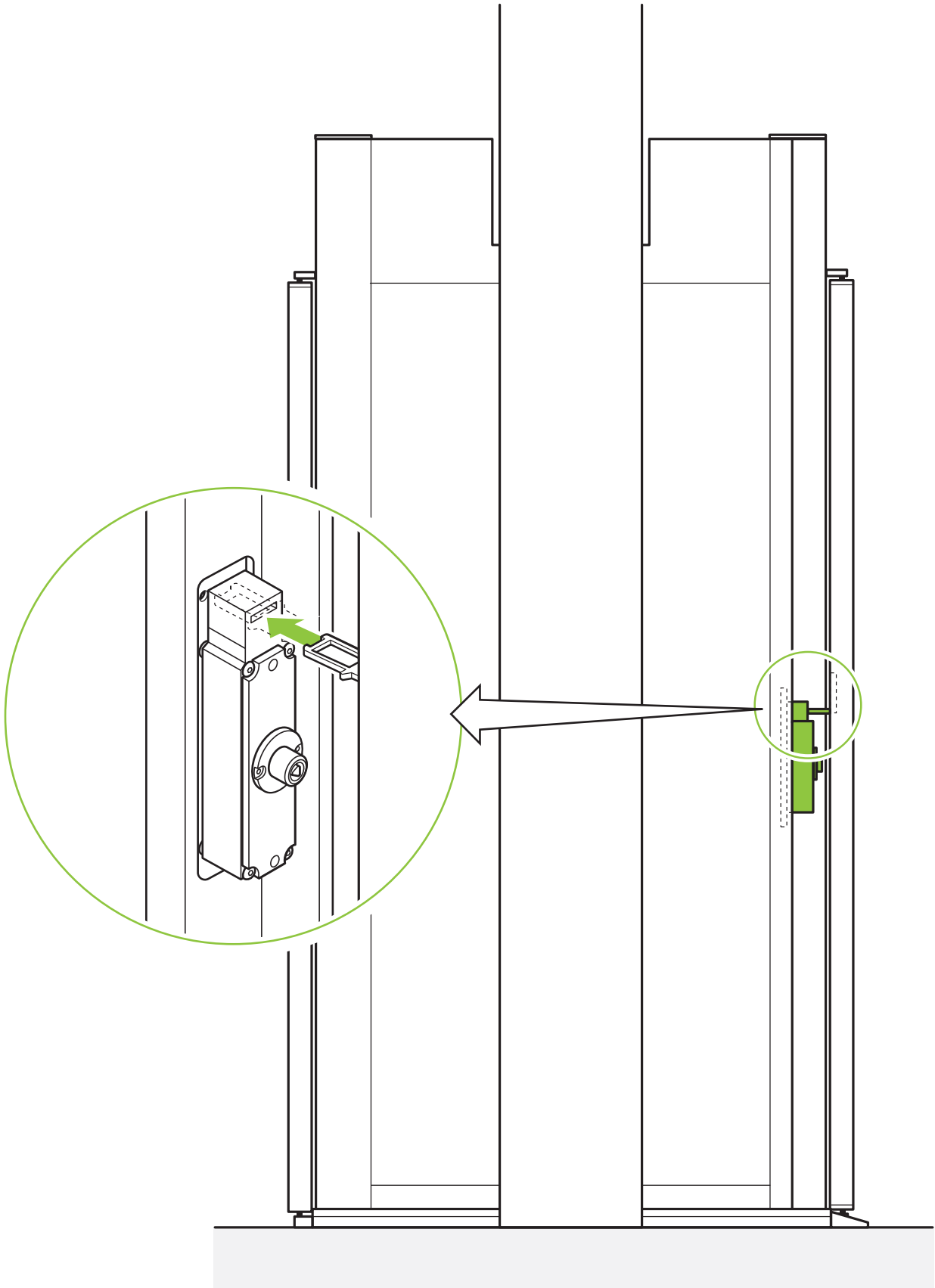
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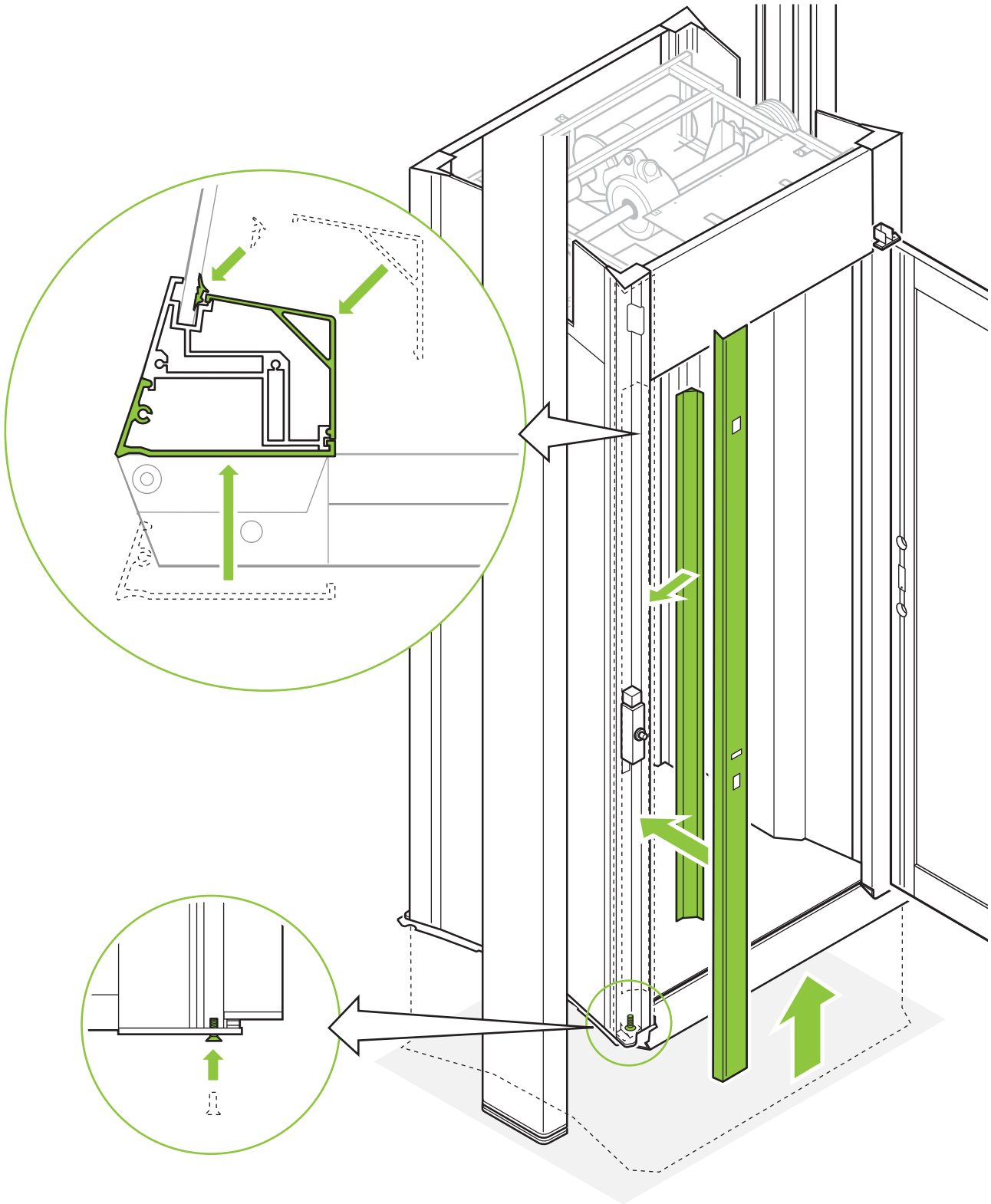
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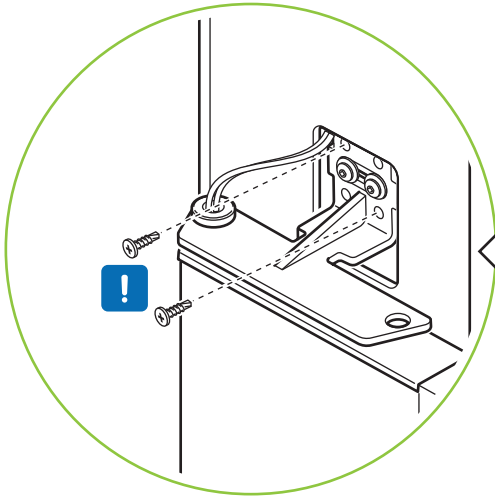
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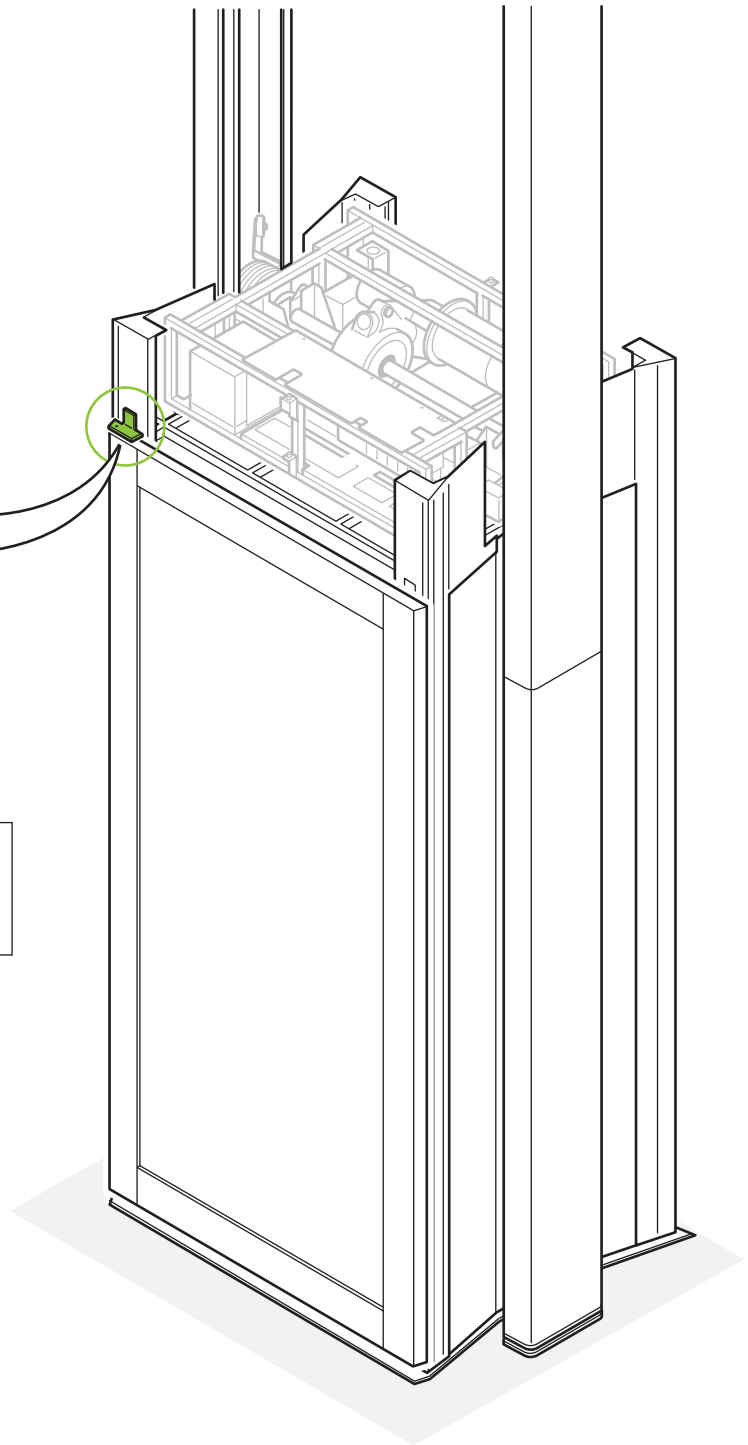
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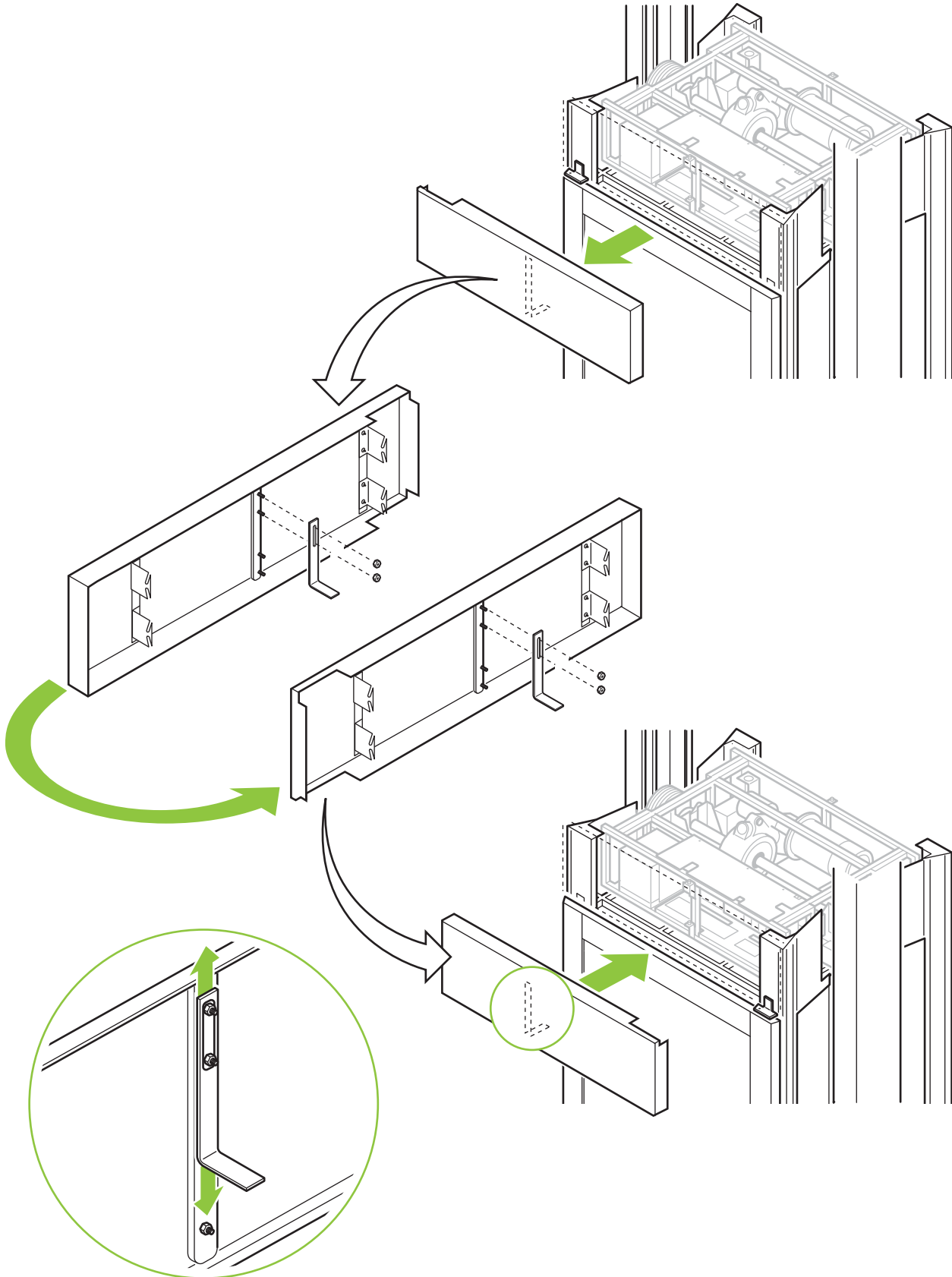
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**NOTICE**

Door alignment must be finalized
before the screws can be installed.

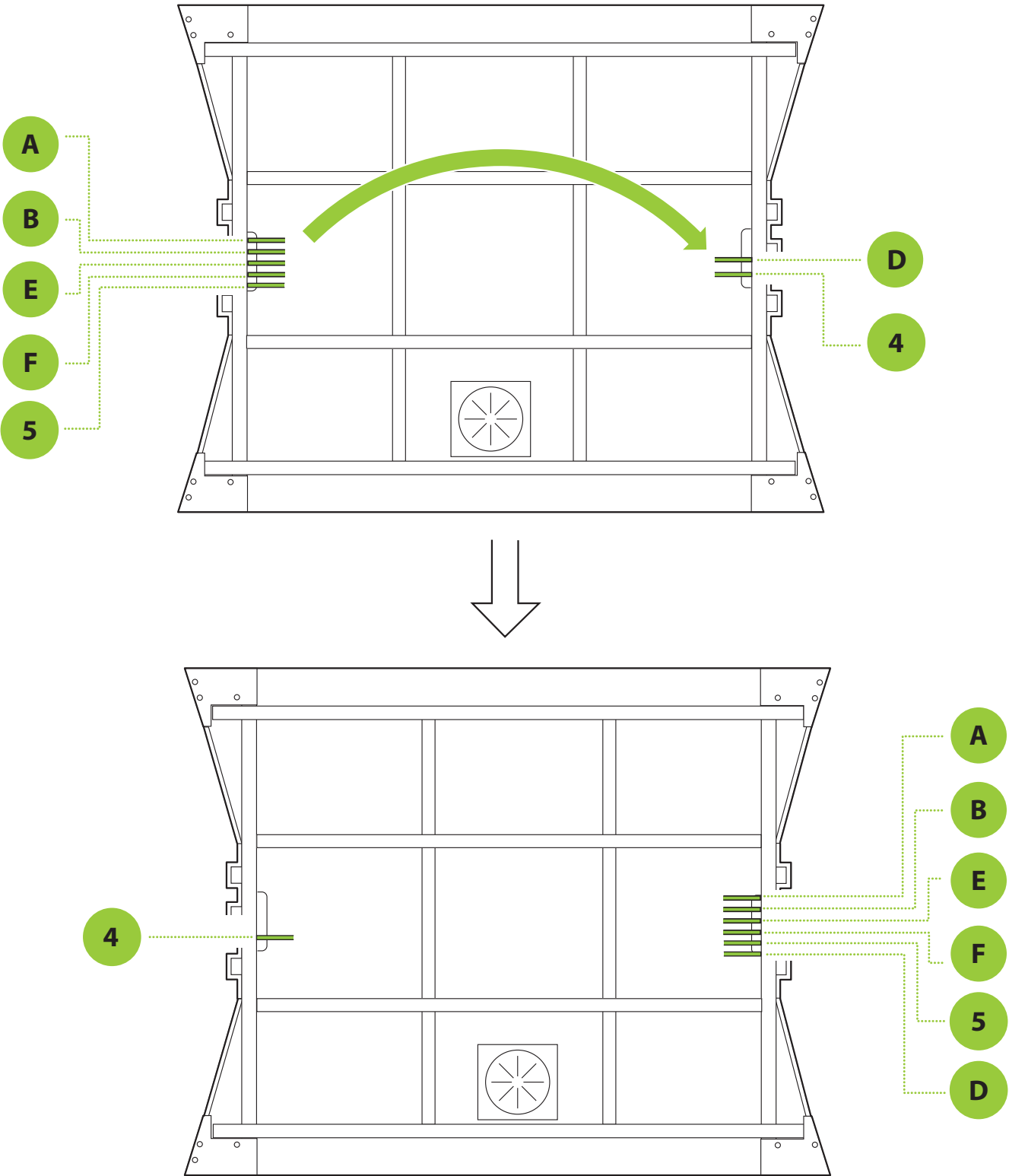


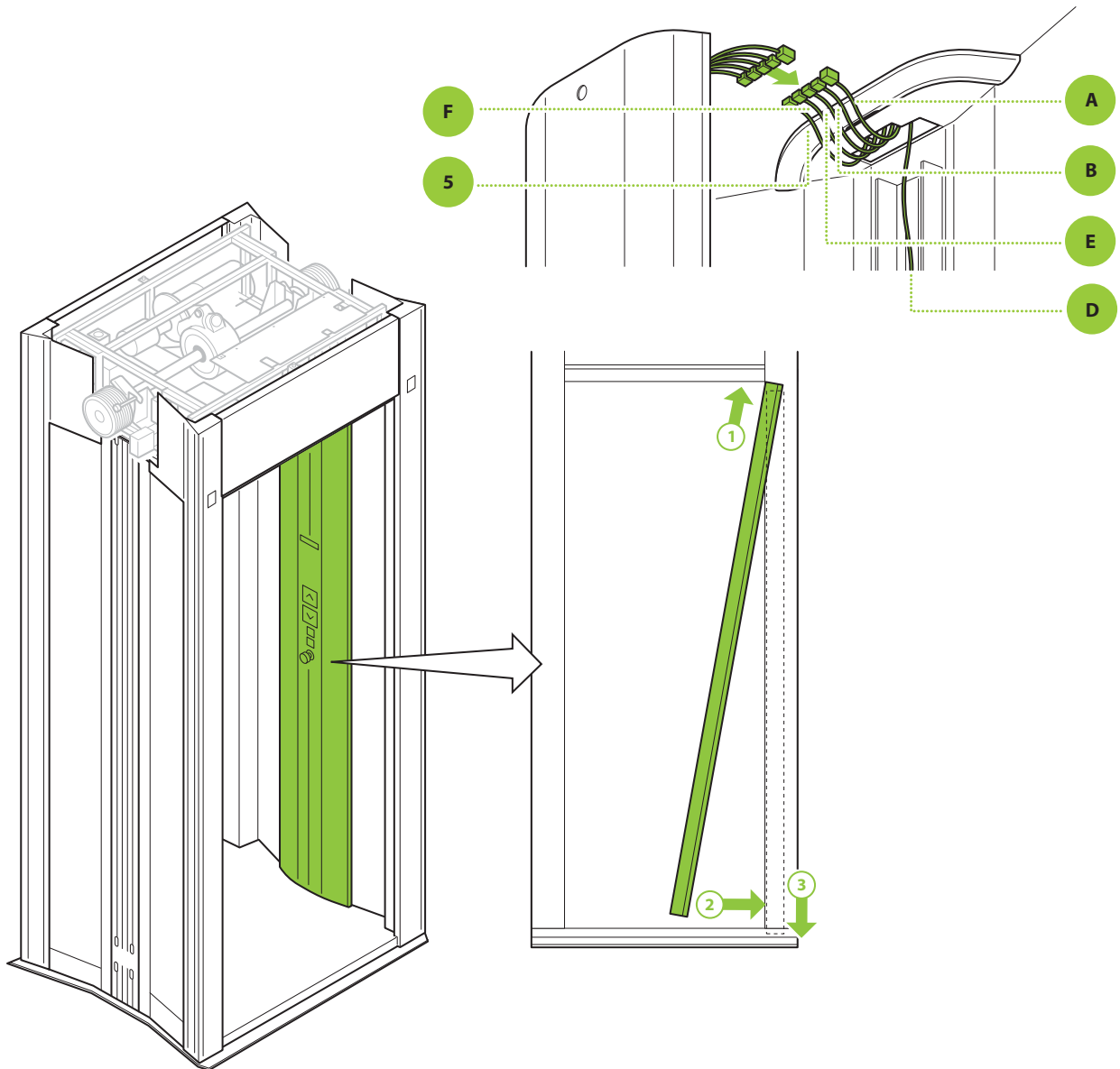
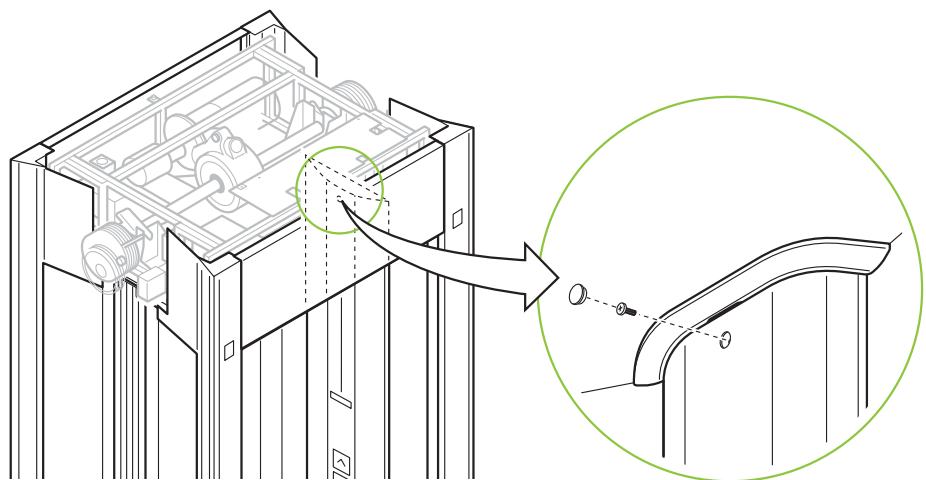
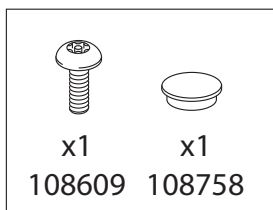
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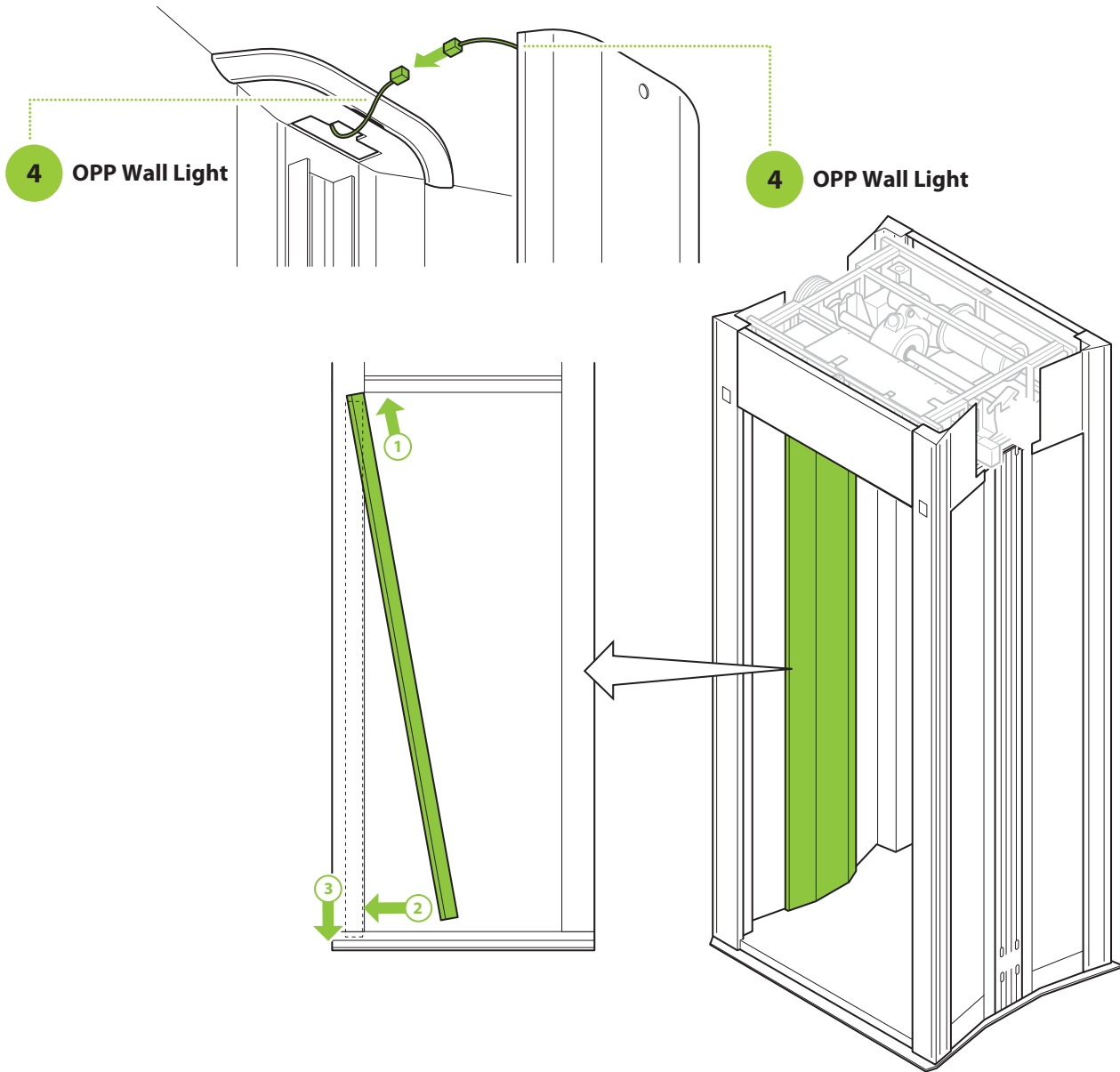
APPENDIX C: CHANGING COP SIDE

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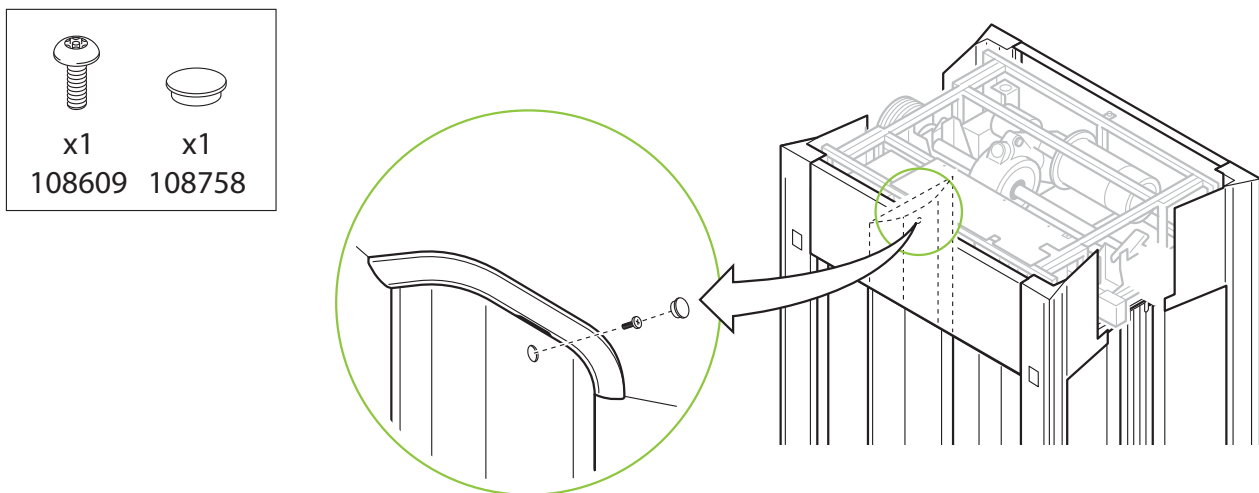


2.**3.**

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Savaria LUMA Through-floor Lift INSTALLATION GUIDE

Part No. 001563, Rev 006
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www.savaria.com

Support
2 Walker Drive
Brampton, Ontario, L6T 5E1, Canada
Toll free (800) 791-7999
Fax: (905) 791-2222

