Section 8 - Electrical

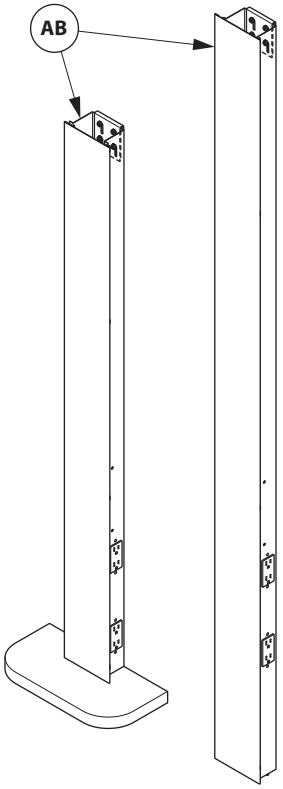
WARNING: Do not electrically interconnect modular power distribution systems powered from two different power feed units. This poses a SHOCK HAZARD to service personnel and will cause RISK OF FIRE due to excessive circulating currents.

WARNING: Power to all branch circuits MUST REMAIN DISCONNECTED during installation or removal of electrical components and raceway covers to avoid SHOCK HAZARDS.

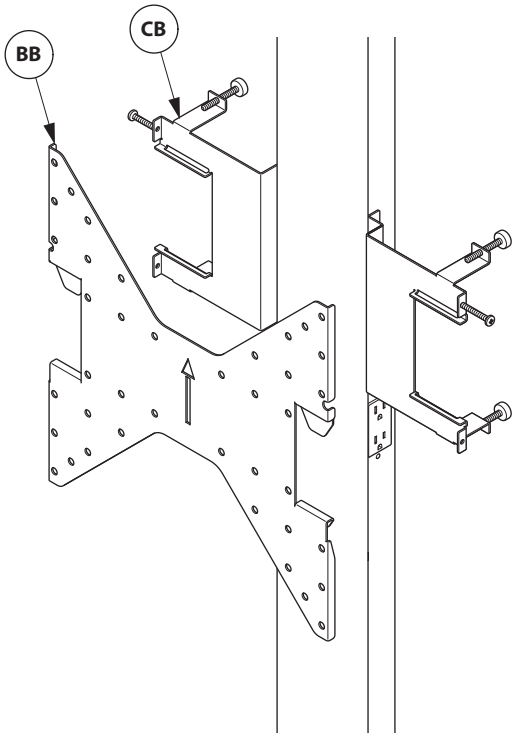
WARNING - Electrical connections shall be separated before any removal or servicing of a mechanical connection.
In Canada, not more than 12 outlets to be supplied by one circuit.

NOTE: Connections of this modular power distribution component MUST be done by a licensed electrician, who must control the size and loading of each branch circuit. The person or group installing Haworth products is responsible for complying with all applicable building and electrical code requirements.

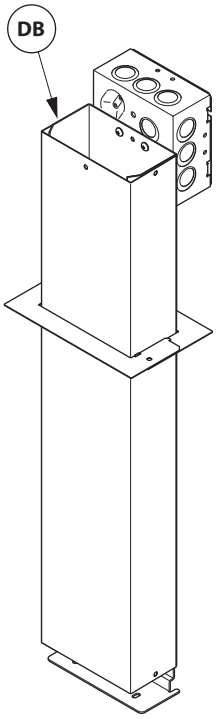
Tech Tower



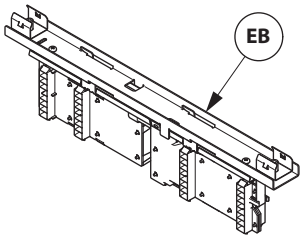
Monitor Mount



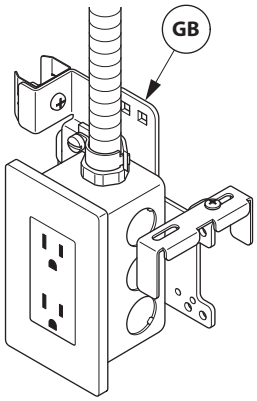
Top Feed



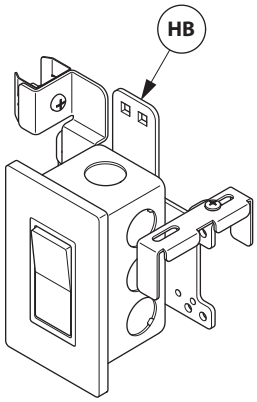
PDA



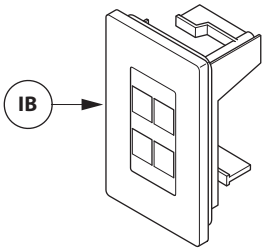
Receptacle



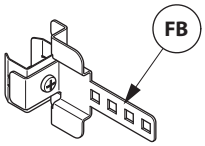
Switch



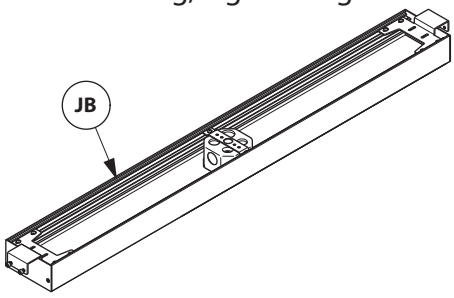
Low Voltage Kit



Cable Support

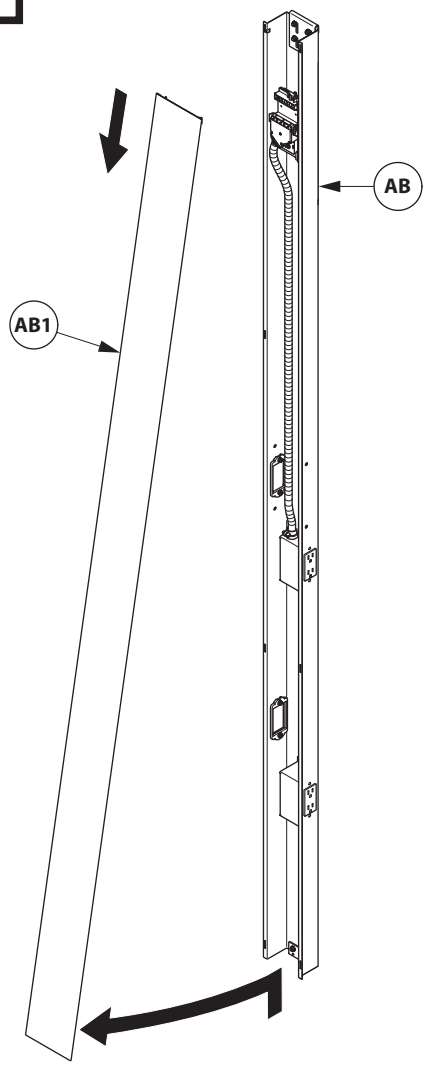


Ceiling, Light Trough



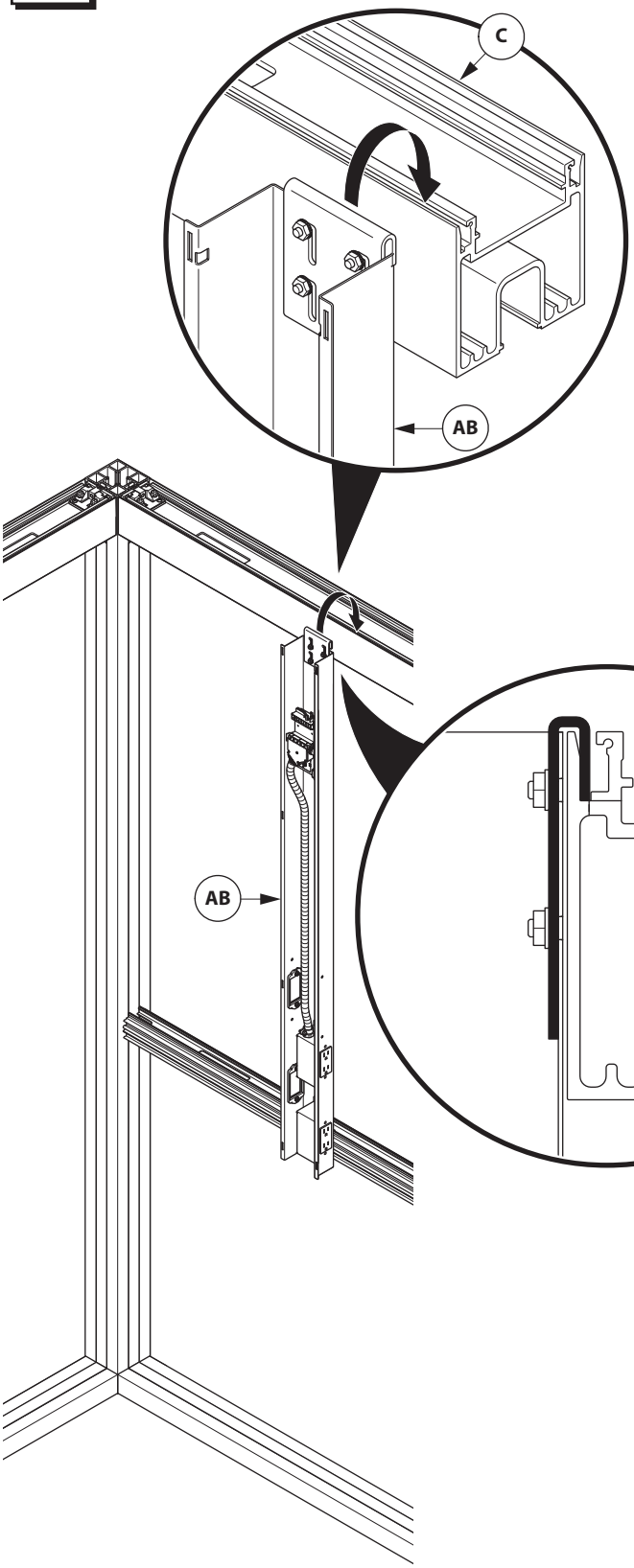
Tech Tower Installation

1 **Remove cover**



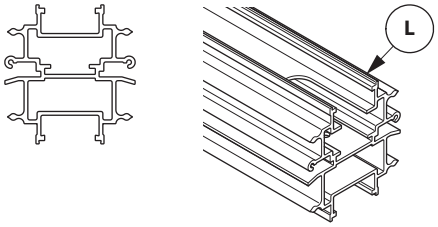
Ledge Installation (partial Height Tech Tower)

2 **Hook over top rail**

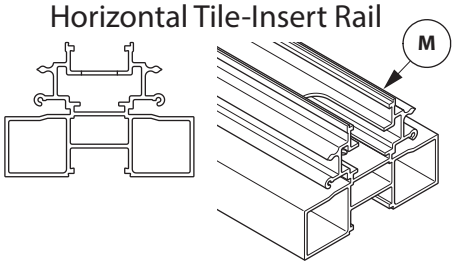


OPTIONAL RAILS

Horizontal Tile Rail - Tile

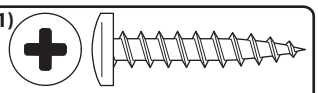


Horizontal Tile-Insert Rail

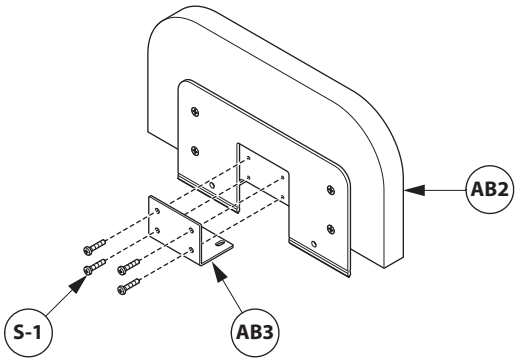


3 install L-bracket

(S-1)



#10 x 1" Pan Head Screw

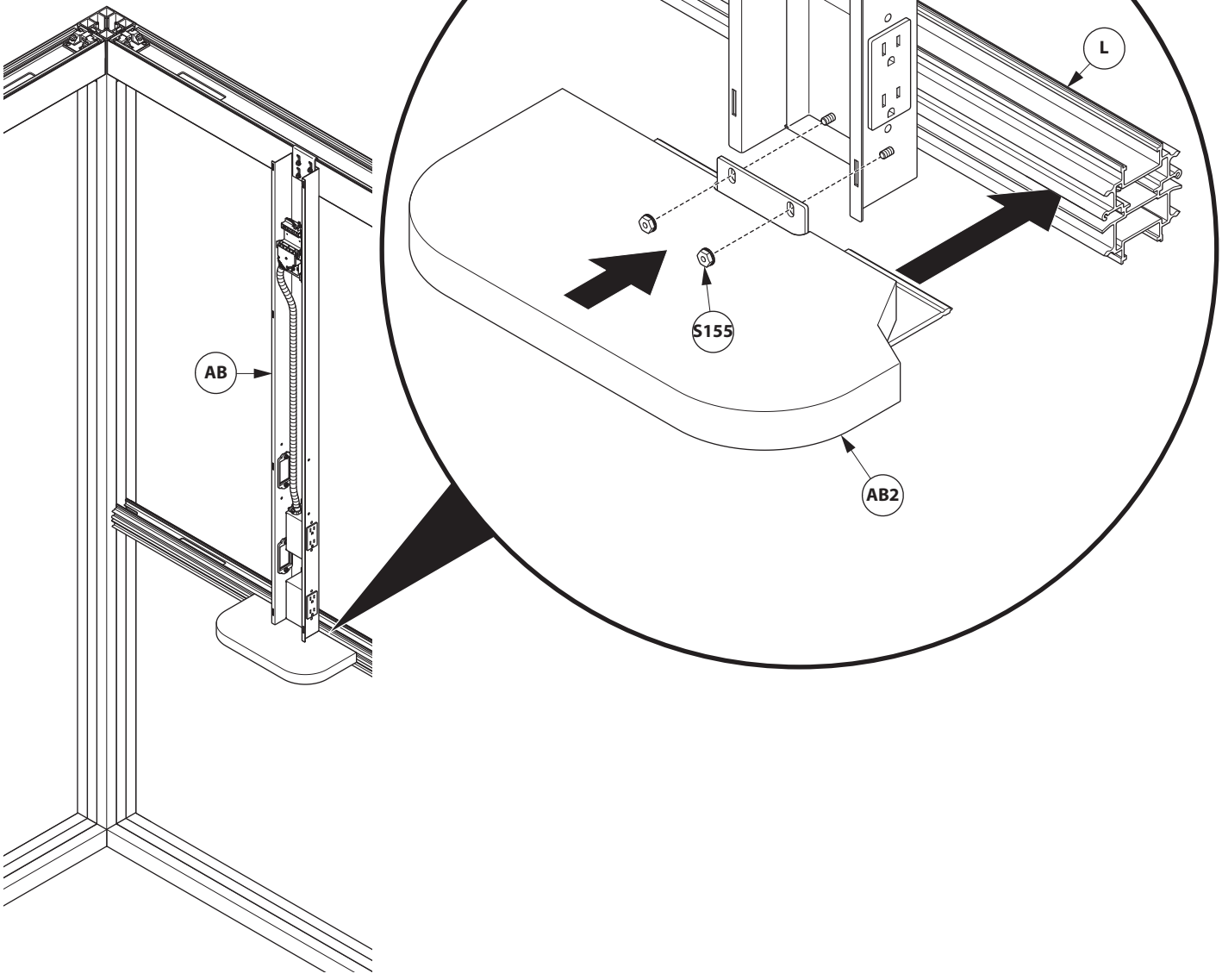


4 install ledge

(S155)

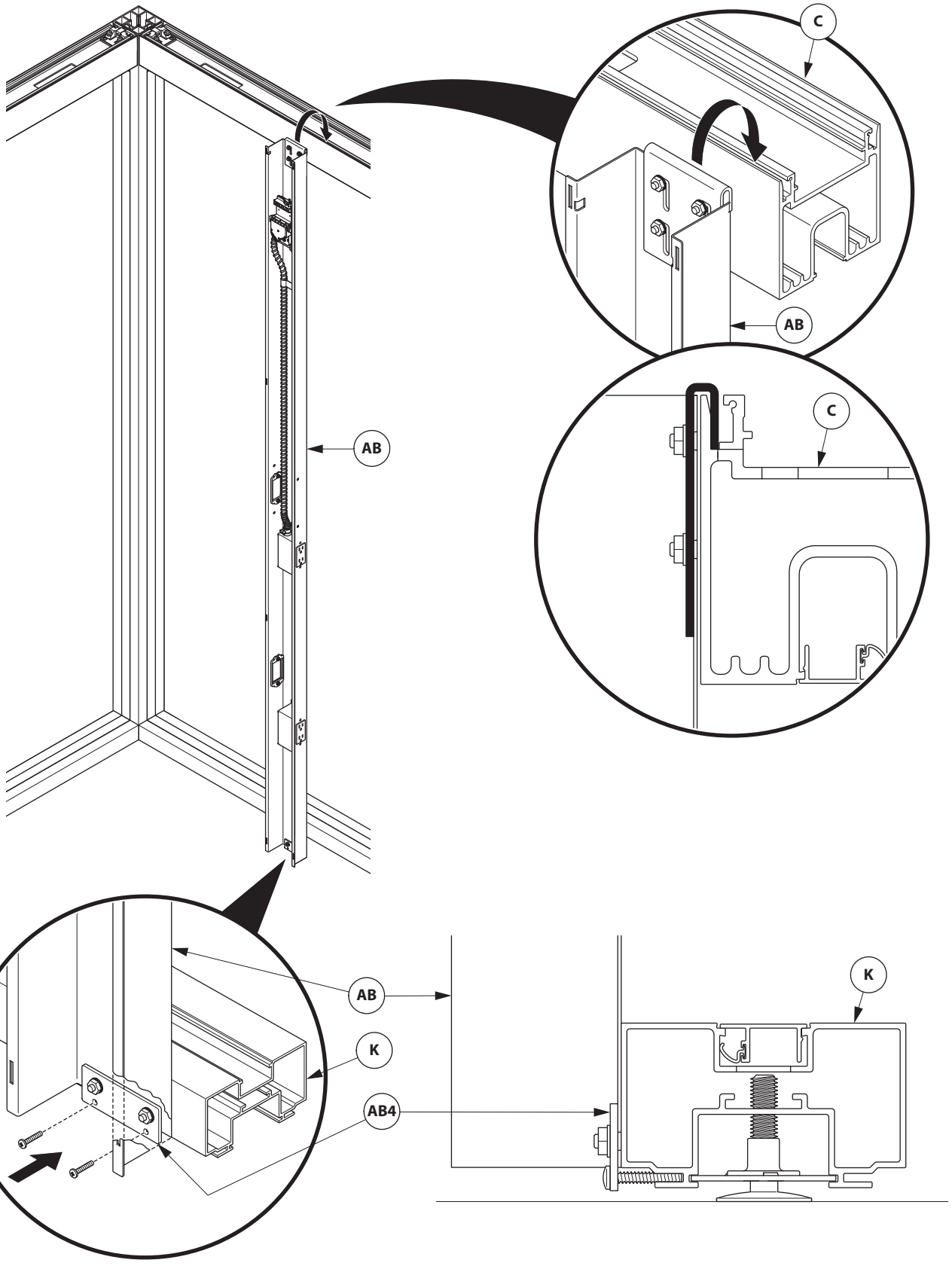


#10-24 Hex Nut



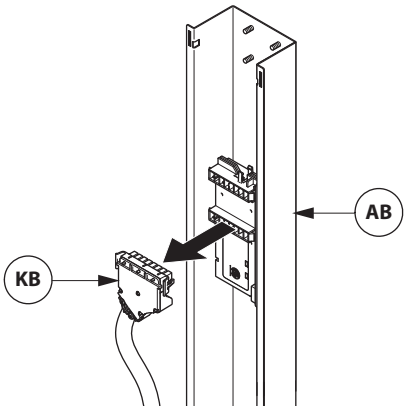
5

Hook over top rail and secure to bottom rail

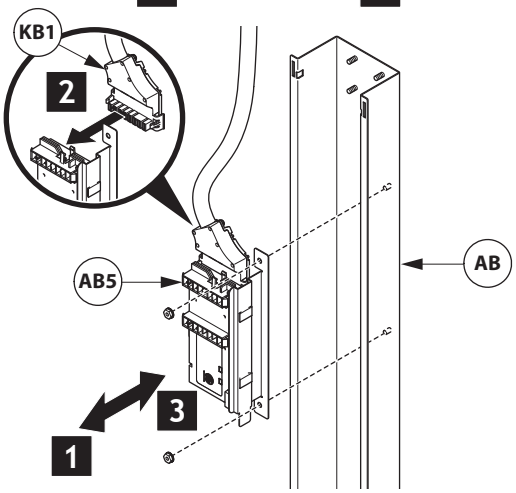


Only when installing second jumper - Step 7

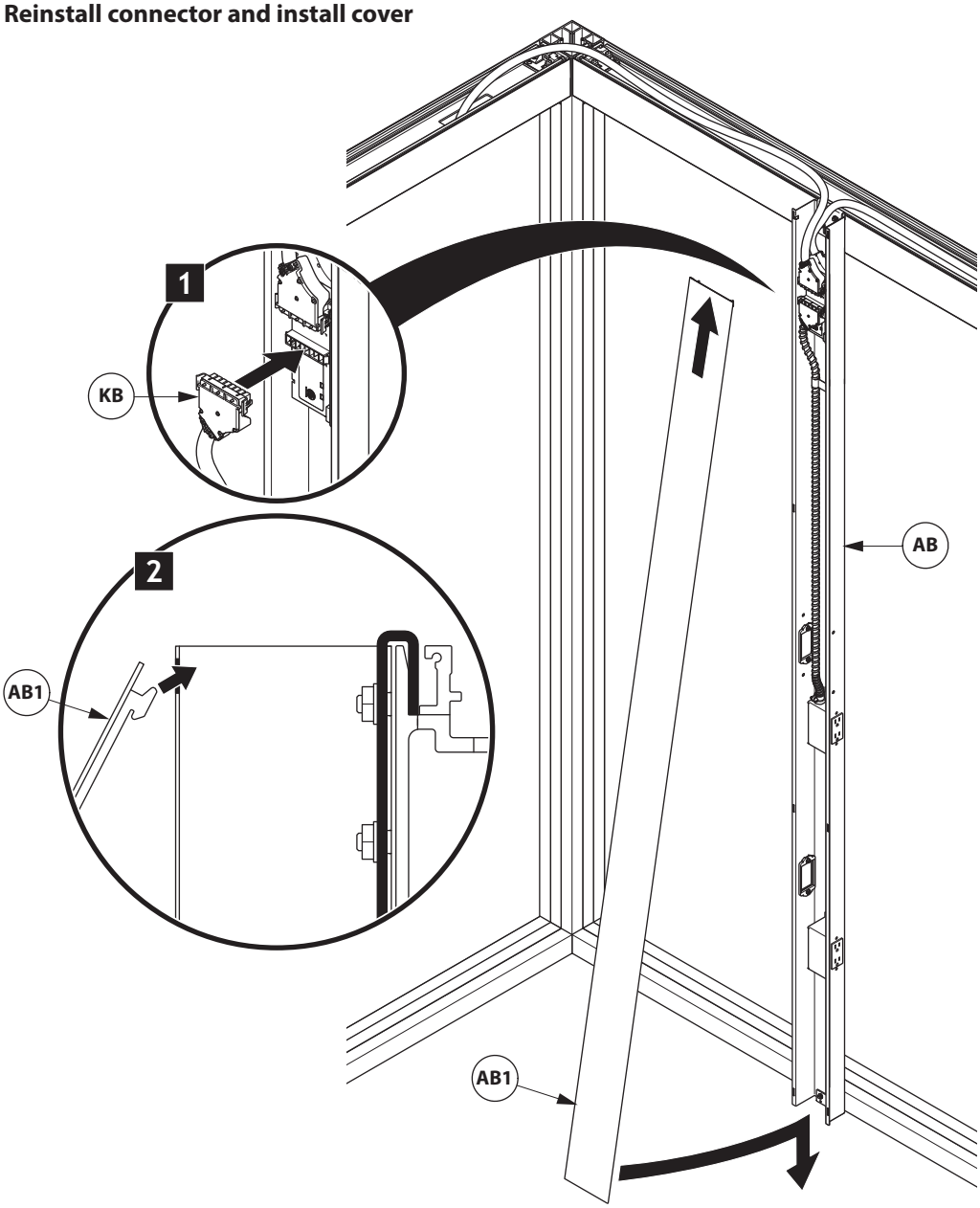
6 Remove connector



7 **1** Remove PDA **2** Install jumper **3** Reinstall PDA

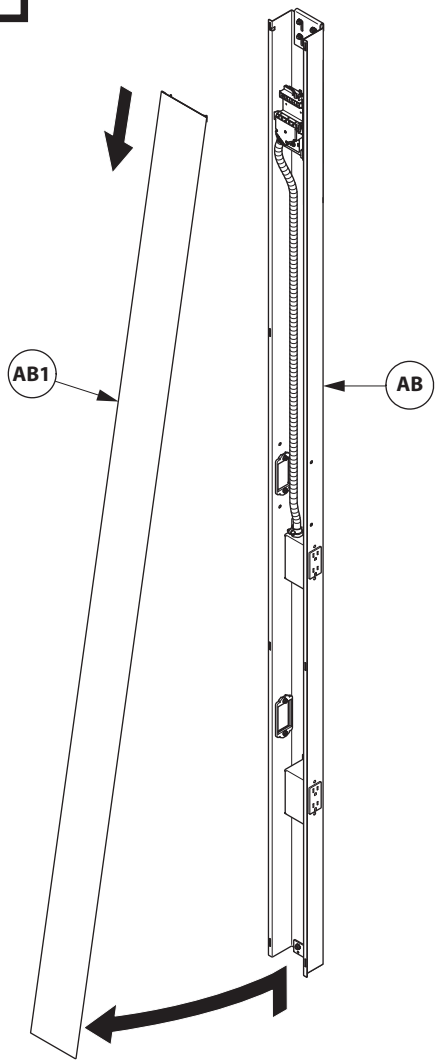


8 Reinstall connector and install cover

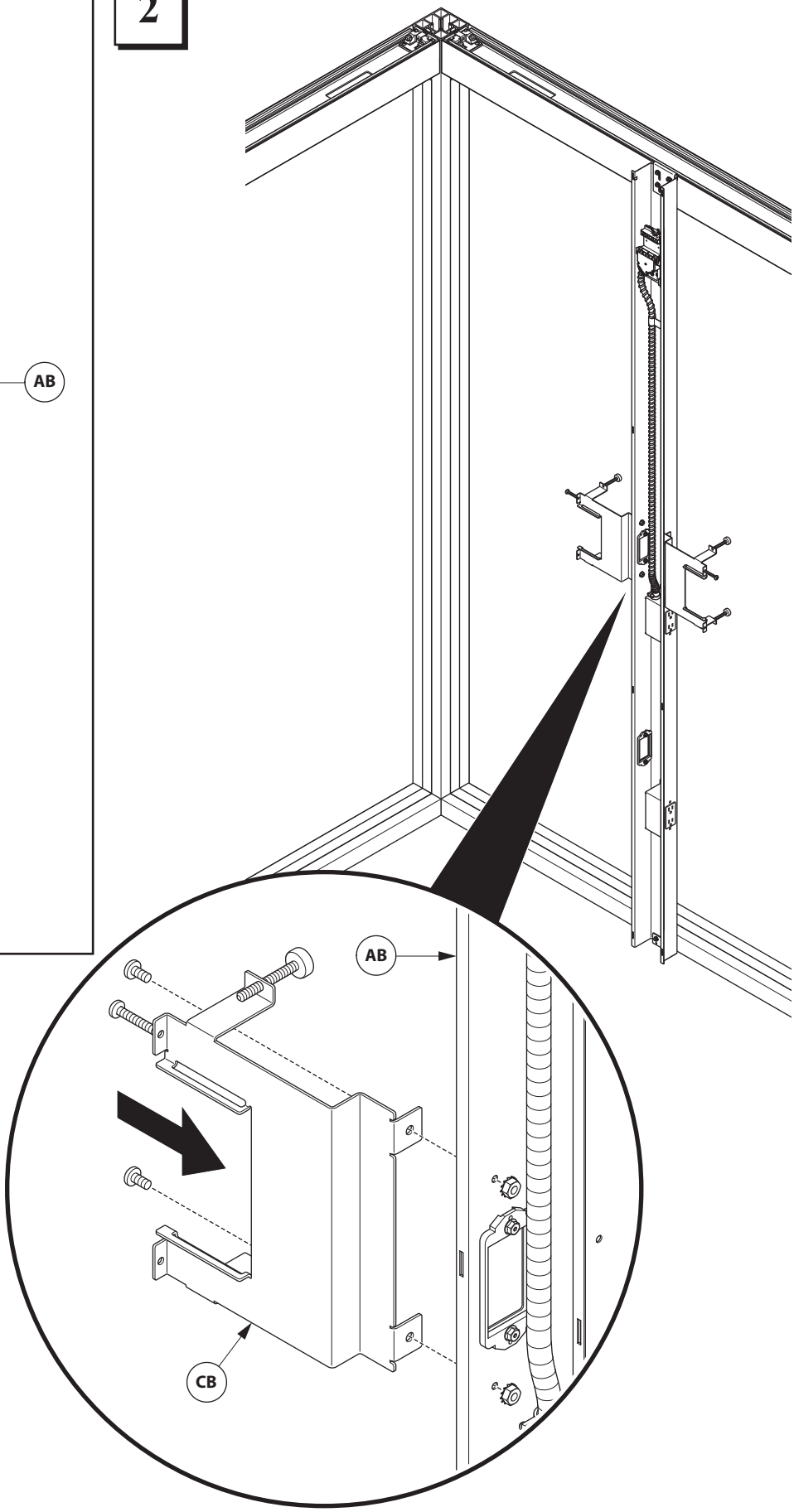


Monitor Mount Installation

1 **Remove cover**

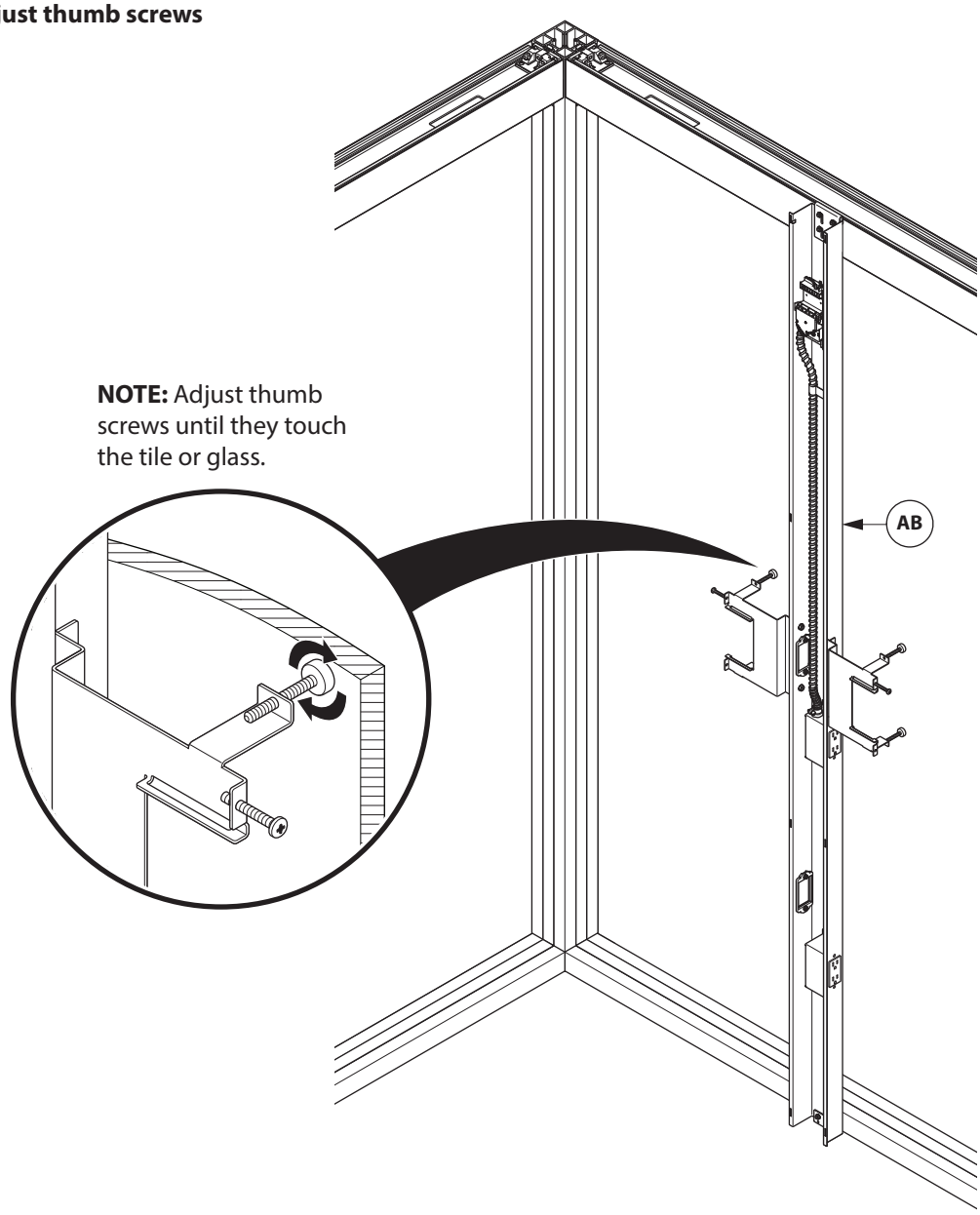


2 **Attach mounting brackets to tech tower**



Monitor Mount Installation

3 **Adjust thumb screws**

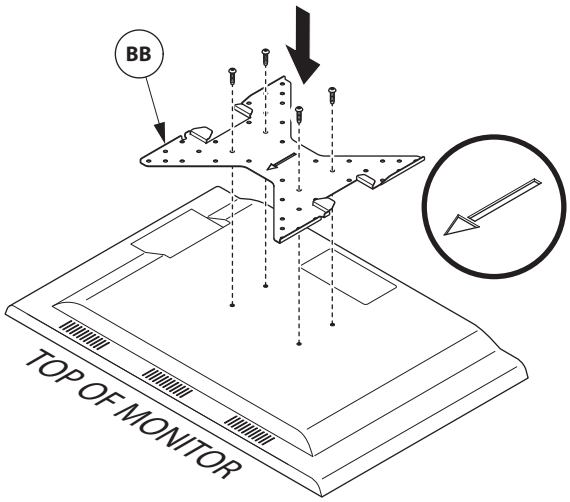


NOTE: Adjust thumb screws until they touch the tile or glass.

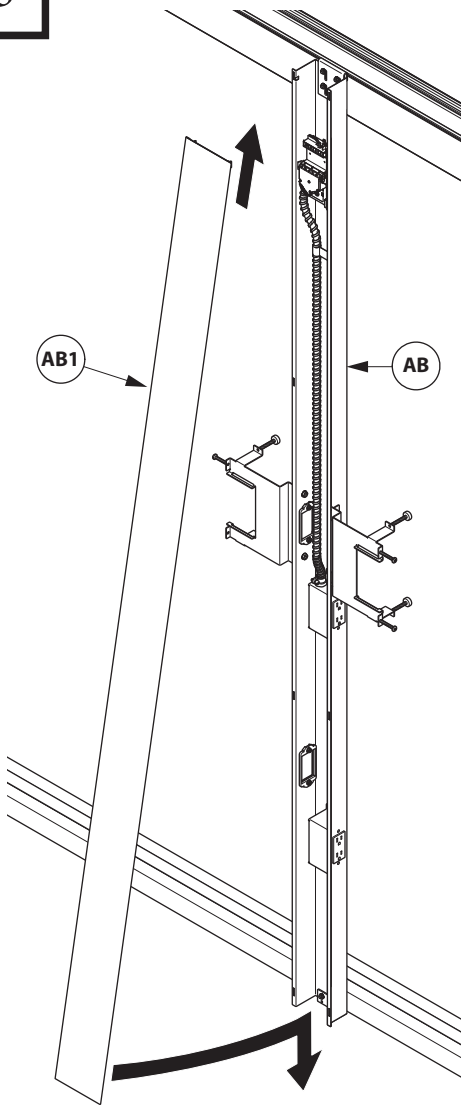
4 **Attach backing plate to monitor**

NOTE: Maximum load: 75 Kg. (165 lbs)

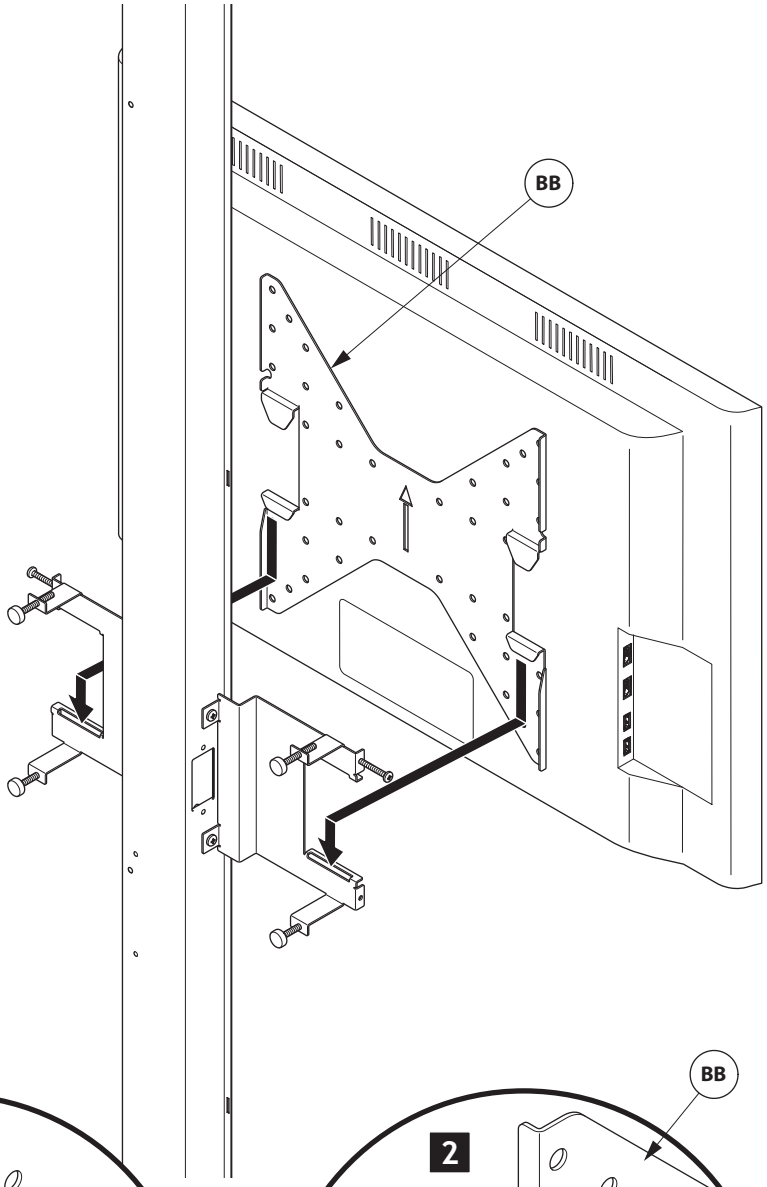
NOTE: Screws provided may not cover all conditions.

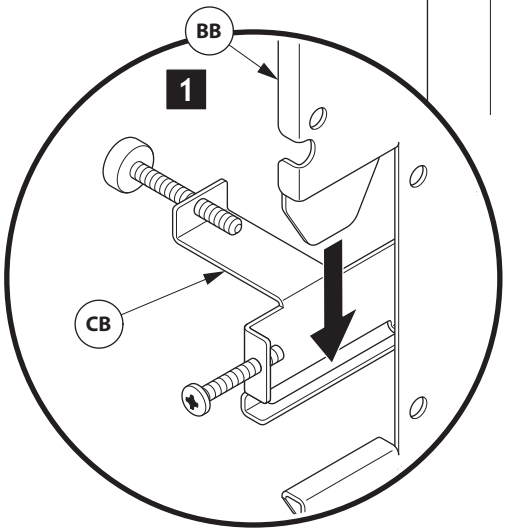


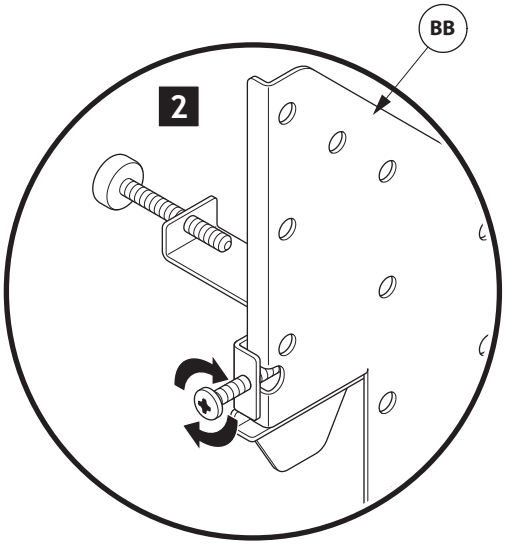
5 Install cover



6 Hang monitor onto brackets and secure with anti-uplift screws



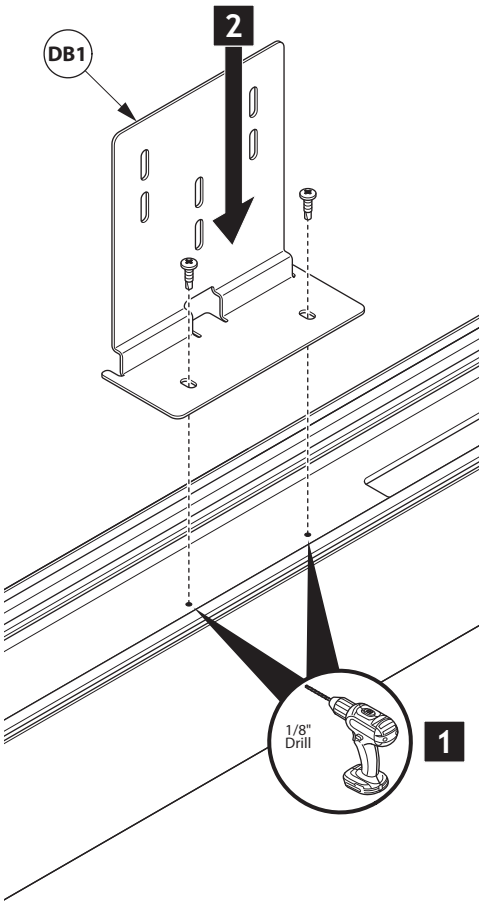




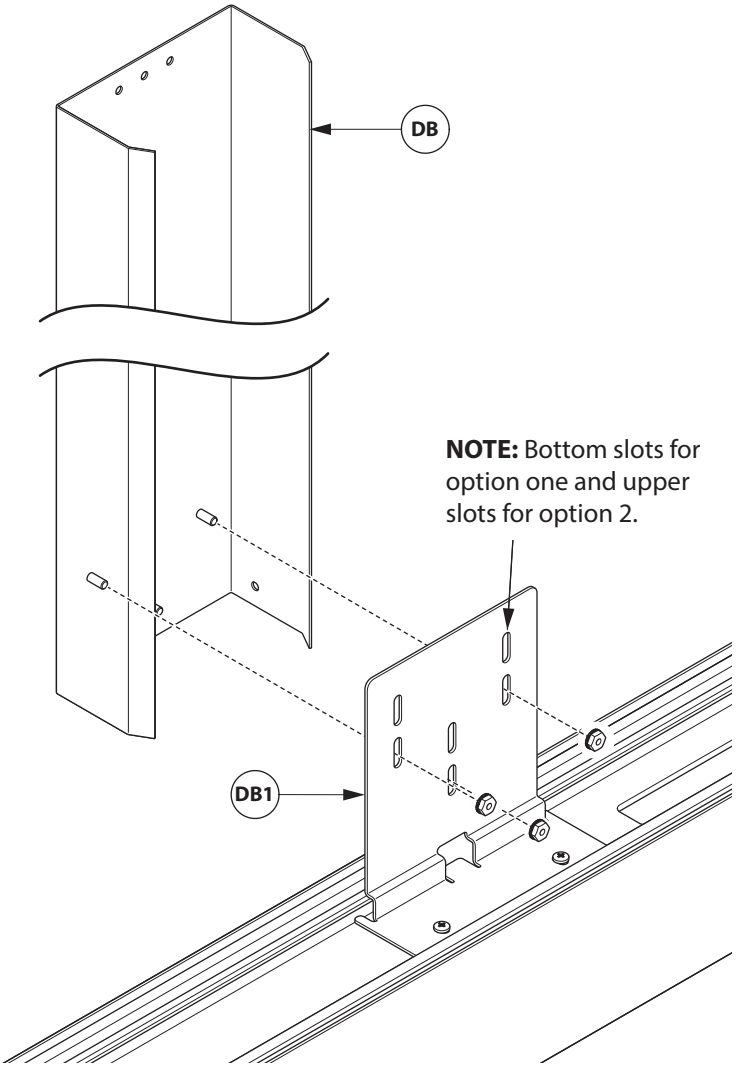
NOTE: make sure all 4 hooks are engaged.

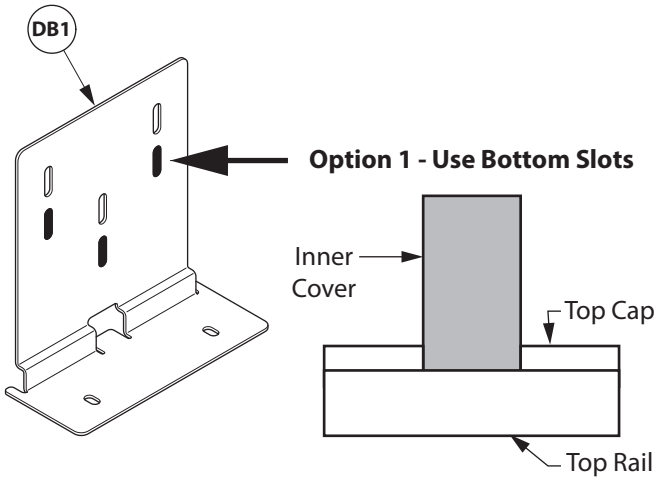
Top Feed Installation

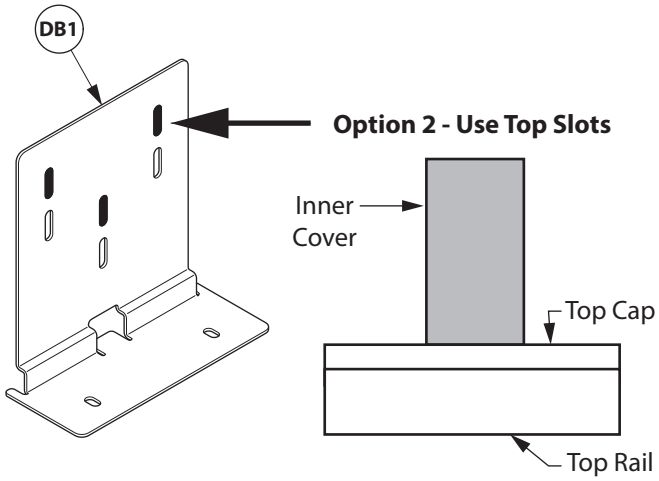
1 Attach mounting brackets to top rail



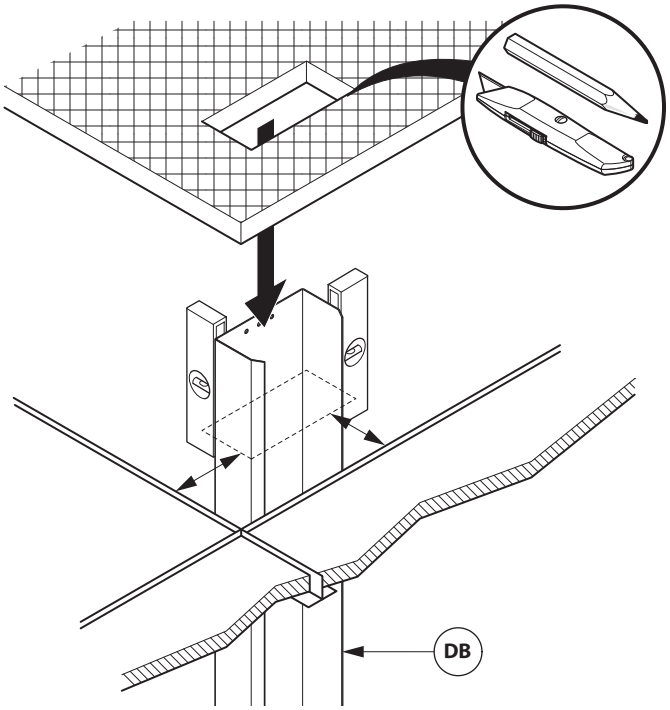
2 Attach inner cover to bracket



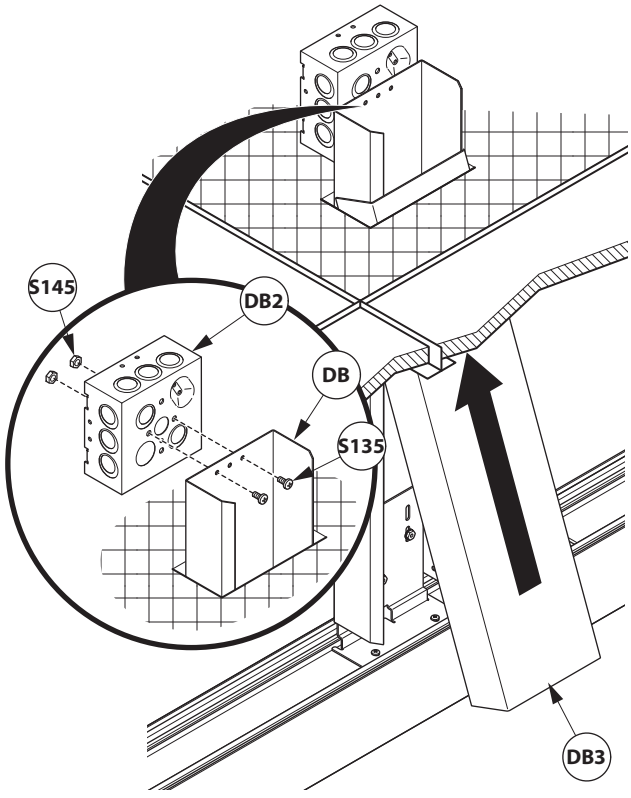


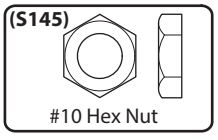


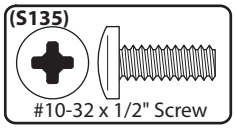
3 Plumb cover (M) and locate and cut a hole in ceiling tile



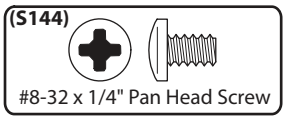
4 Attach junction box and install cover

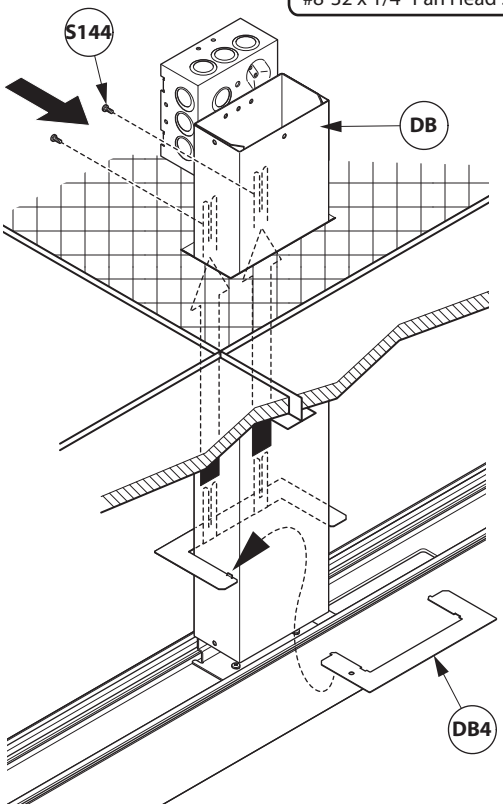




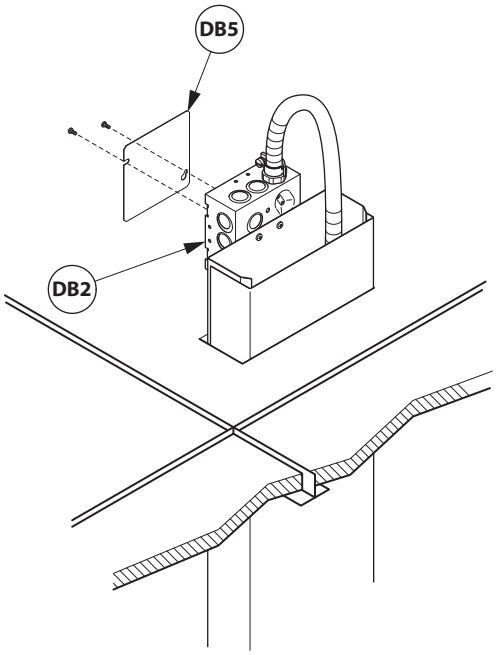


5 Install ceiling bezel

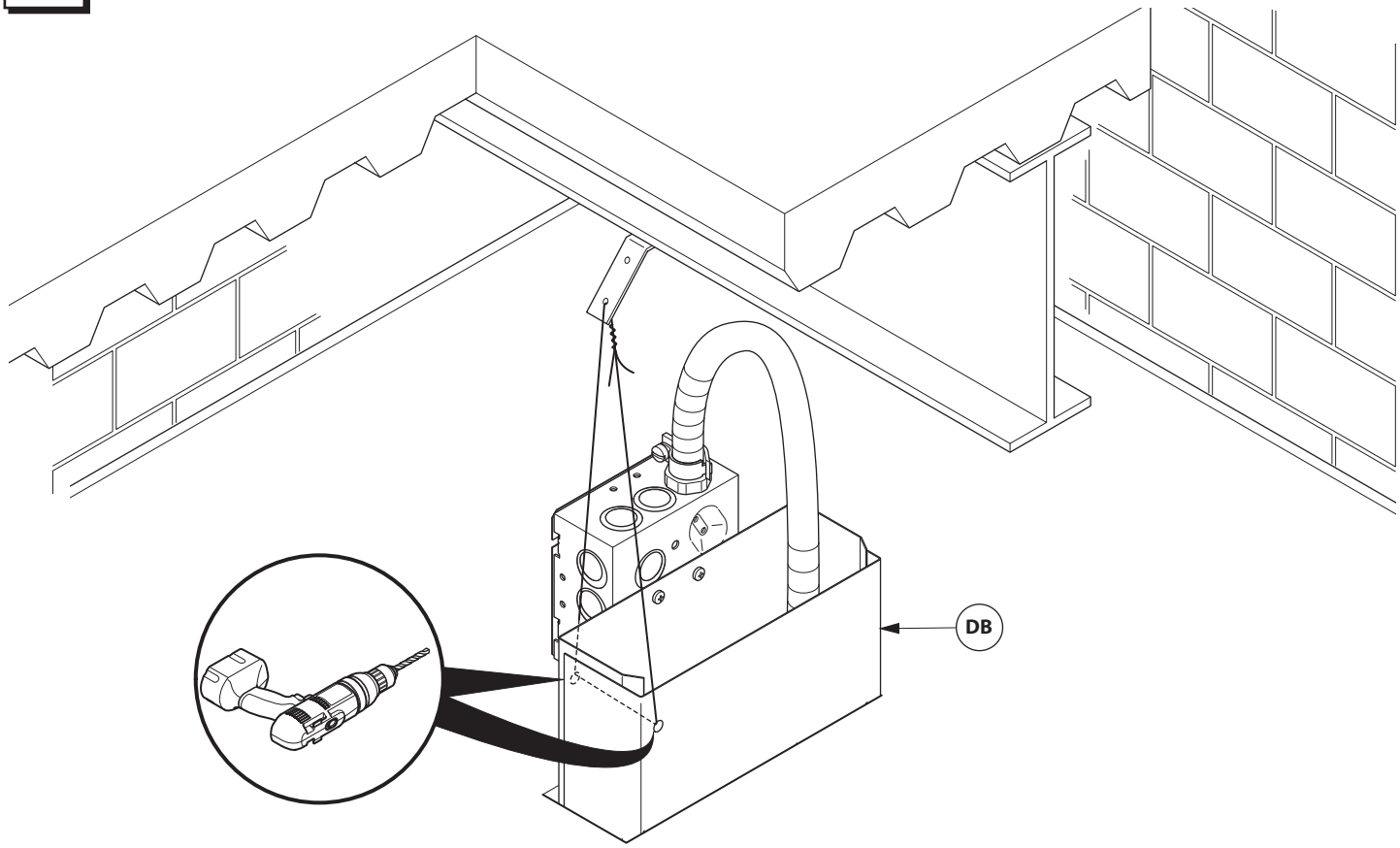




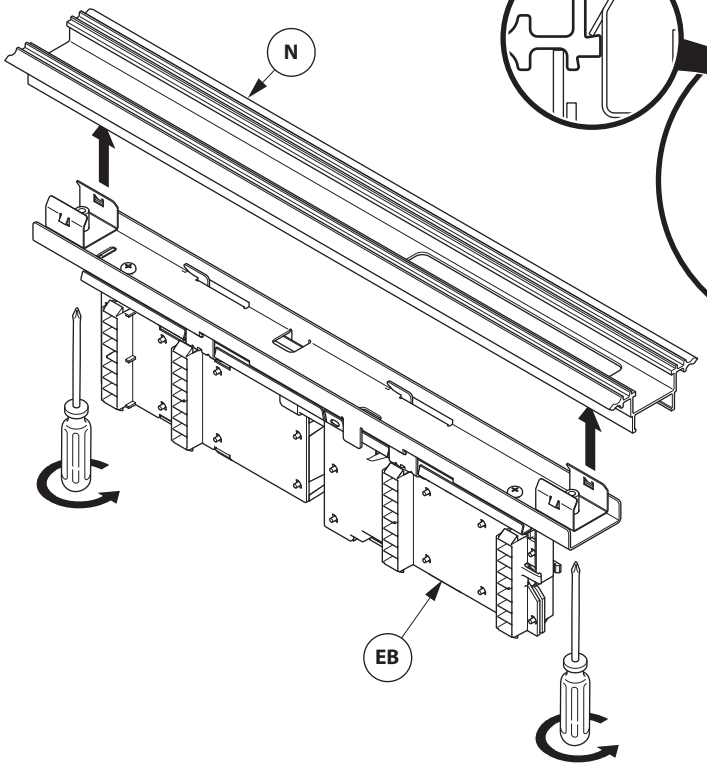
6 Install electrical box cover

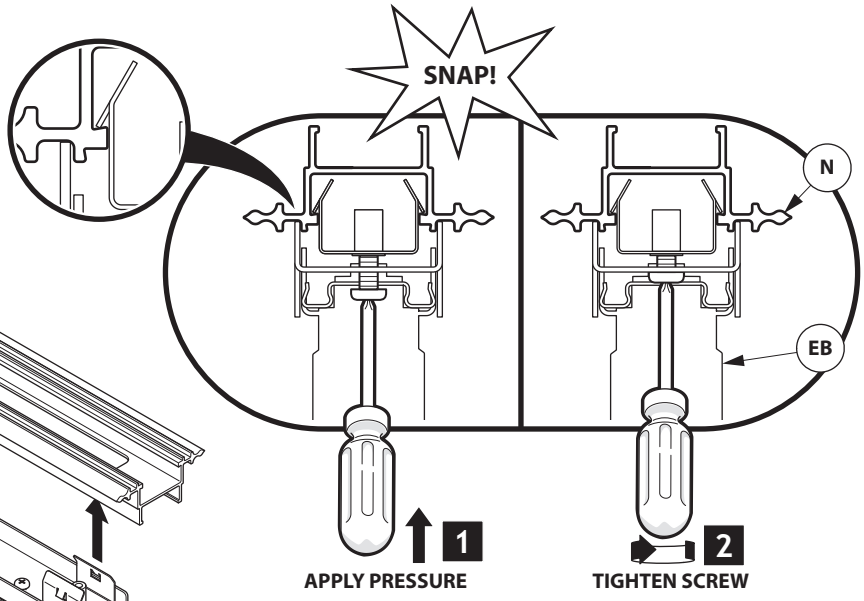


7 Tie top feed to building



PDA Installation

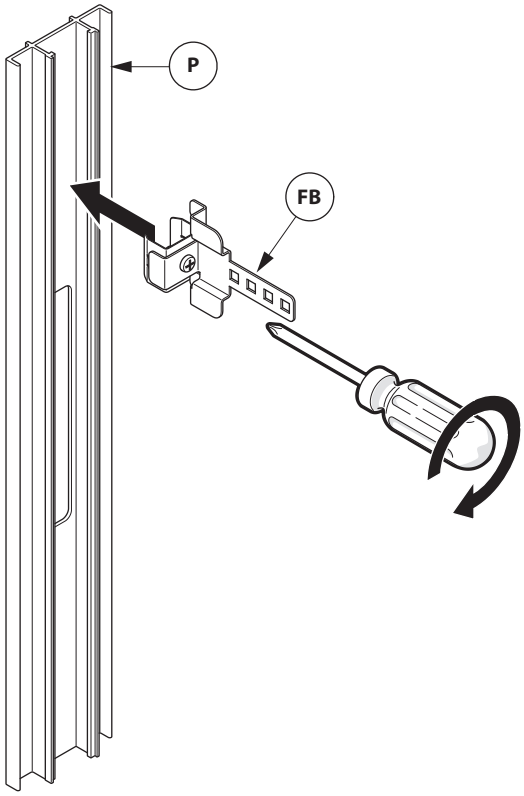




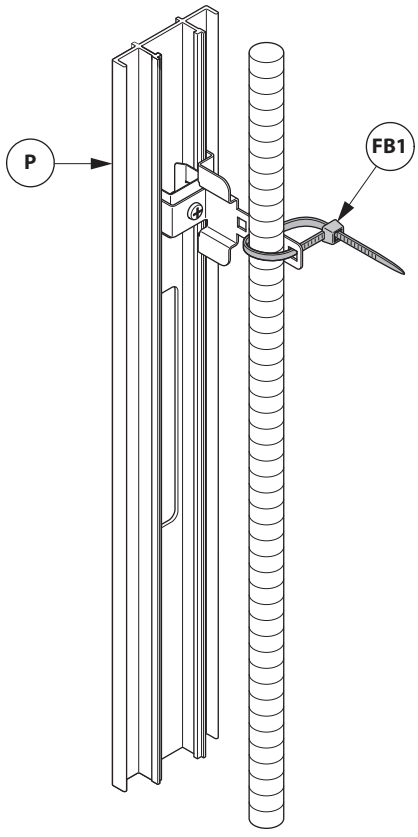
NOTE: Listen for a "SNAP" sound.

Cable Support Installation

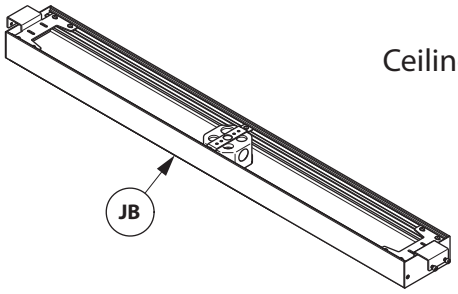
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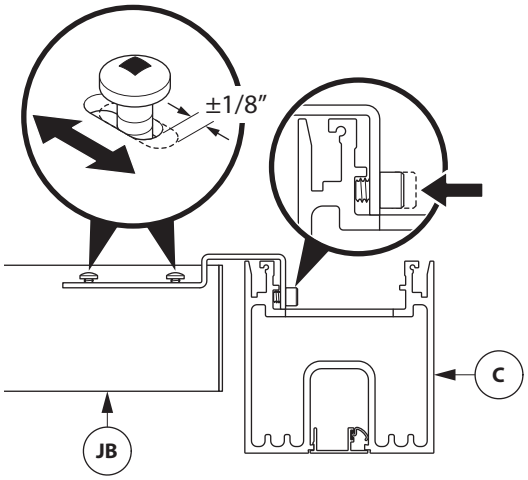


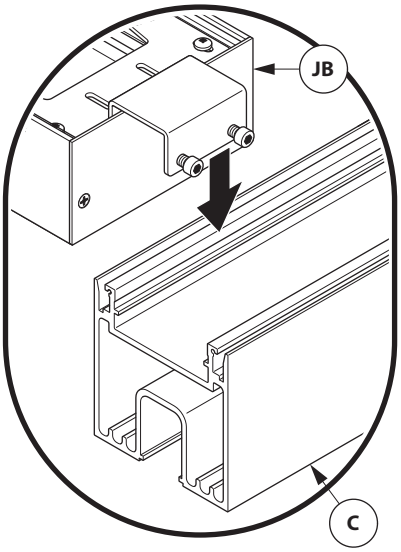
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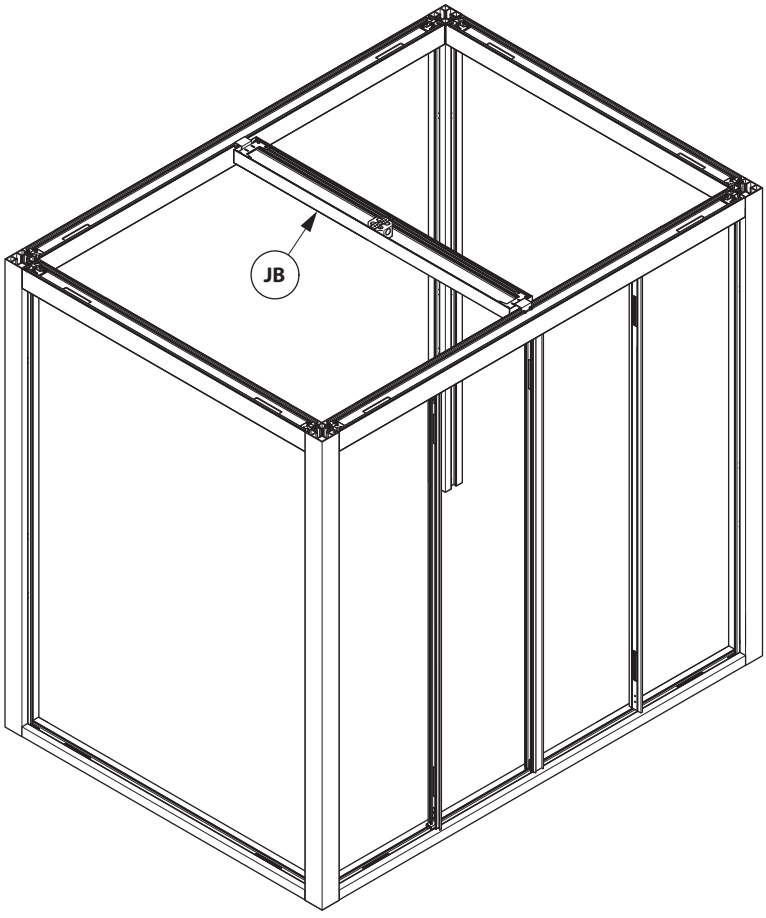


Ceiling, Light Trough

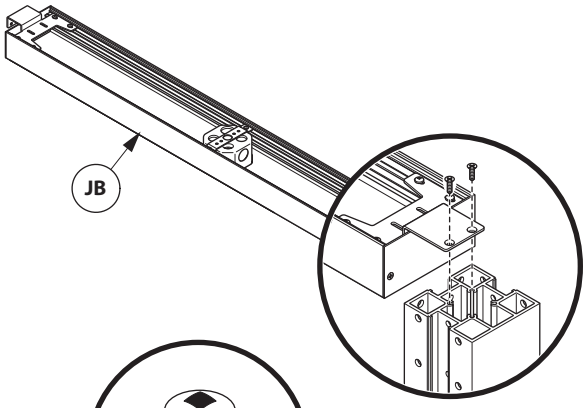


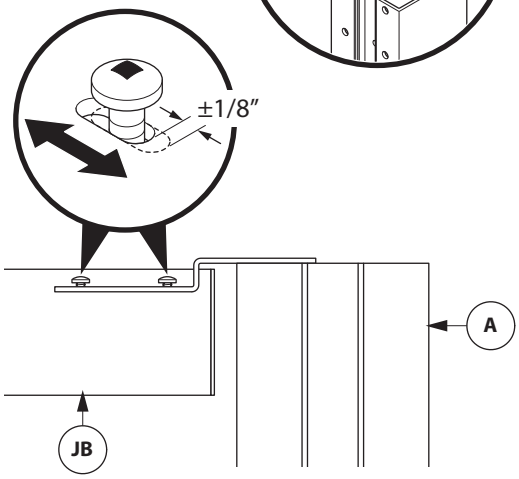


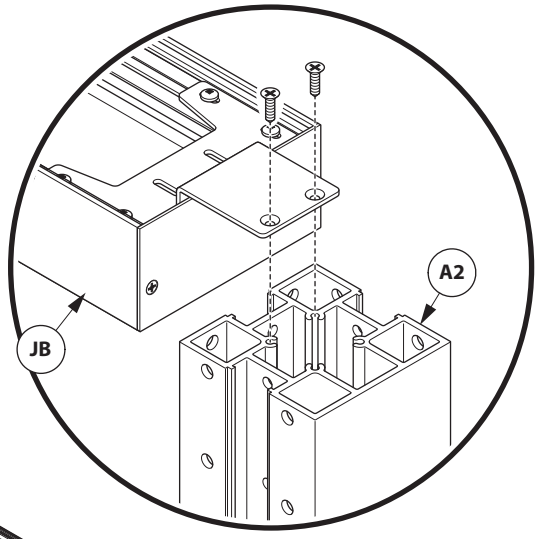


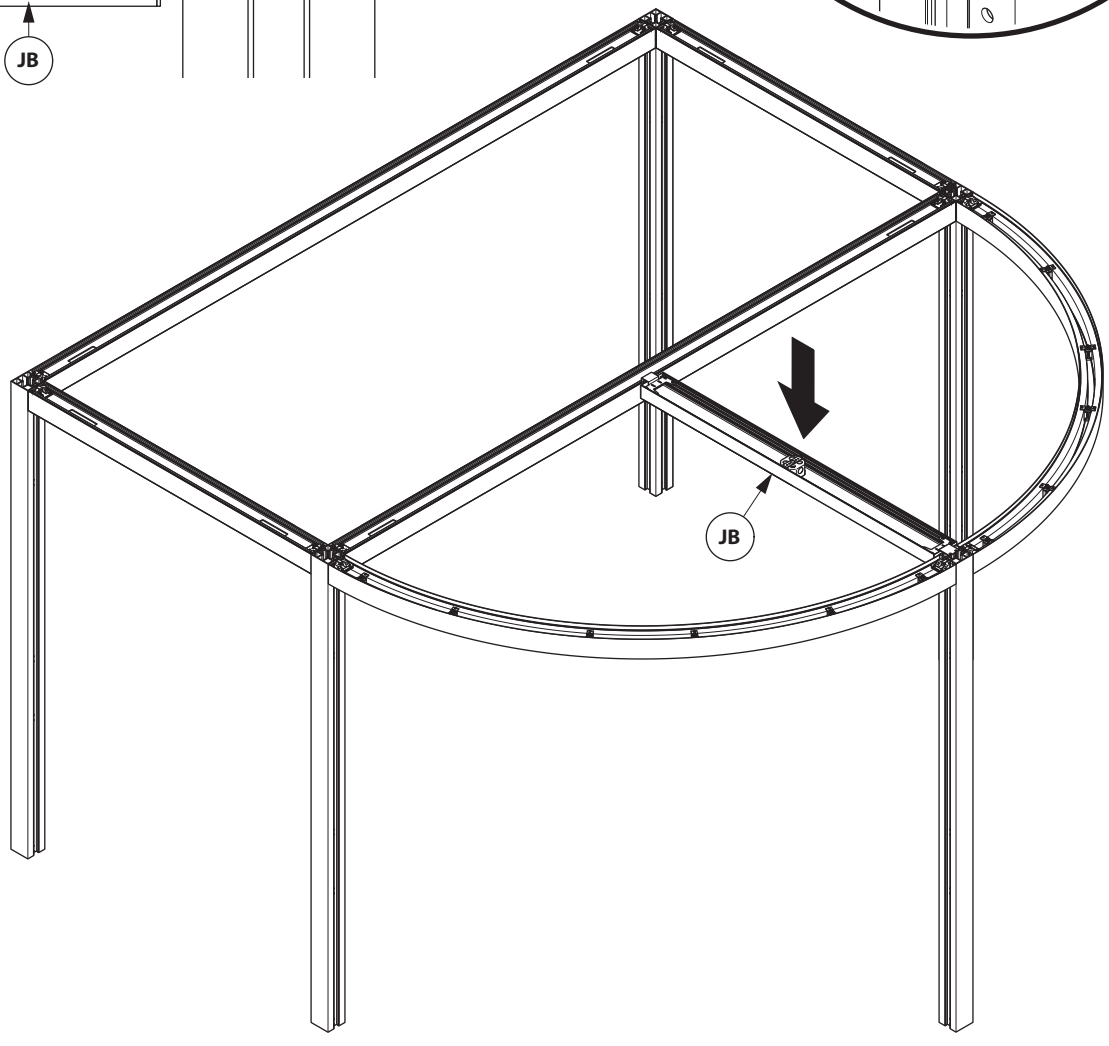


Ceiling Light Trough - Round

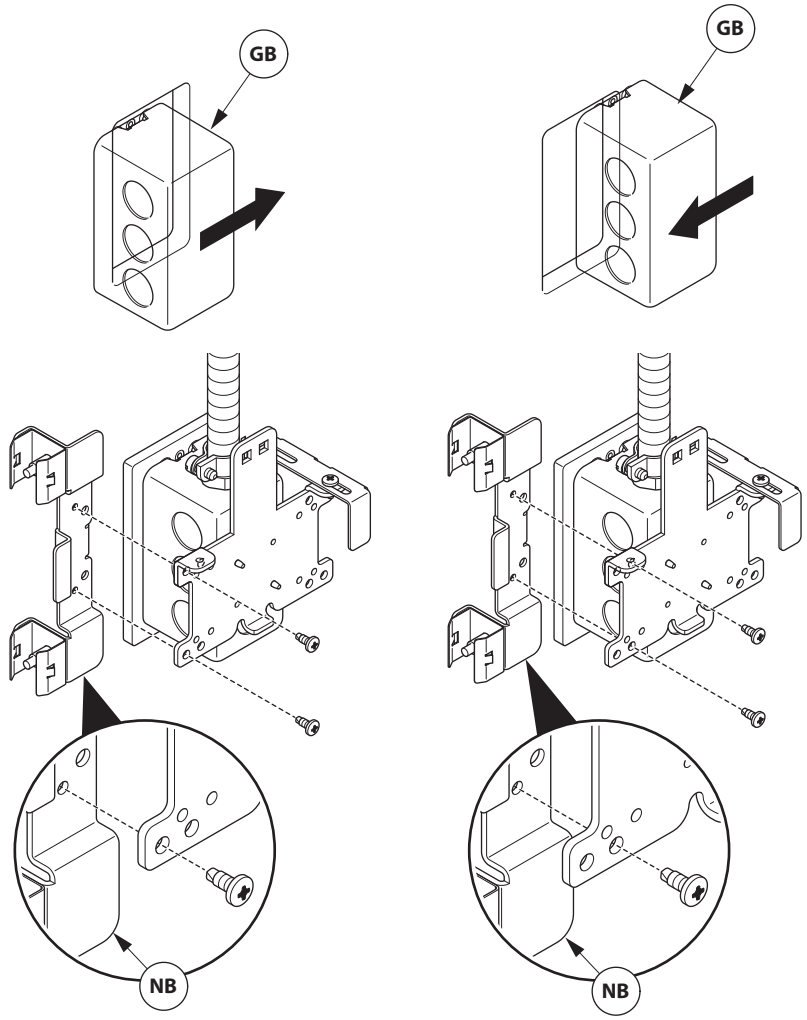




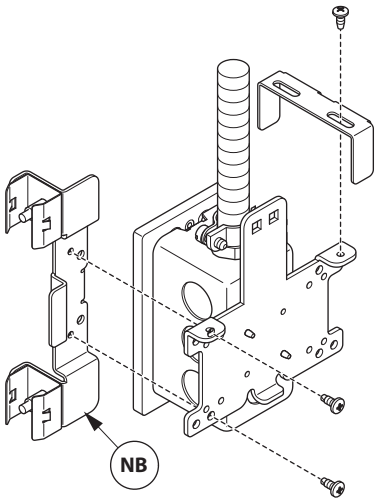




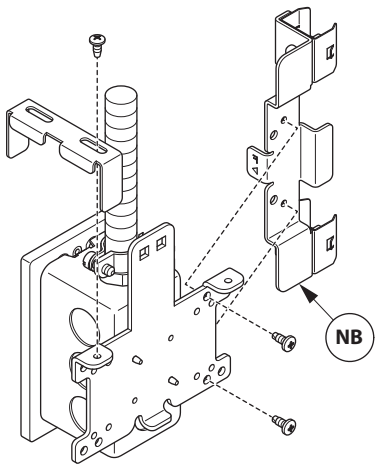
Optional - Receptacle Adjustments



MOUNT ON RIGHT SIDE

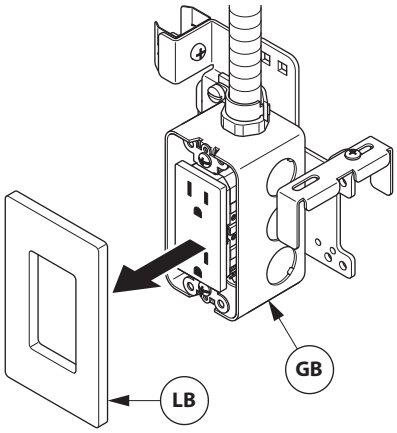


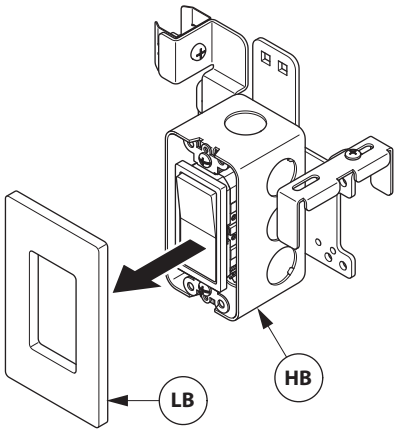
MOUNT ON LEFT SIDE



Receptacle and Switch Installation

1 **Remove face plate**

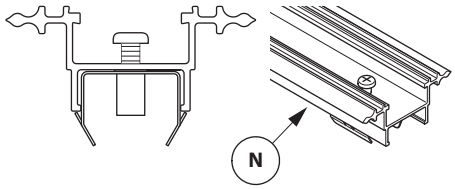




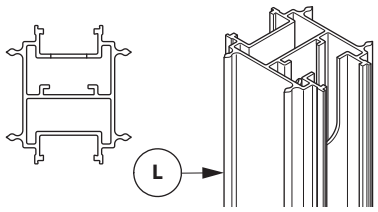
2 Install receptacle

OPTIONAL RAILS

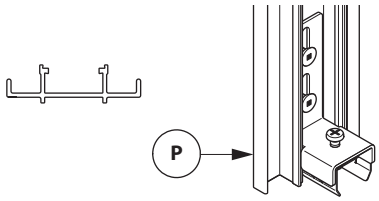
Vertical/Horizontal Tile-Frame Rail

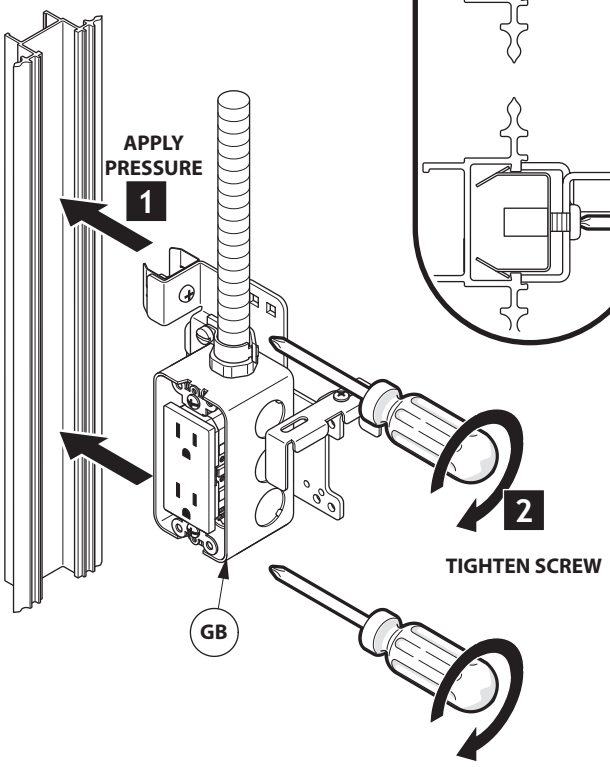


Vertical Tile-Tile Rail

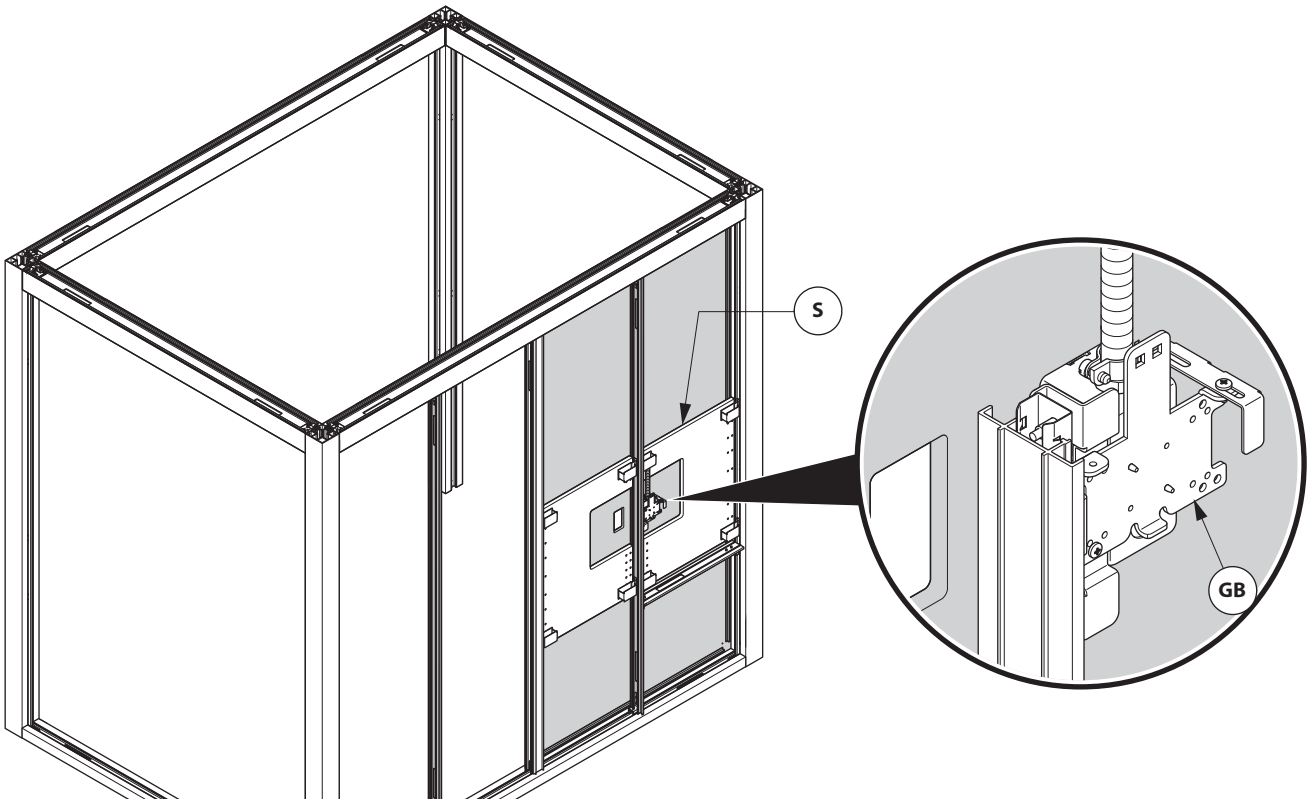


Centerbeam Tile Rail

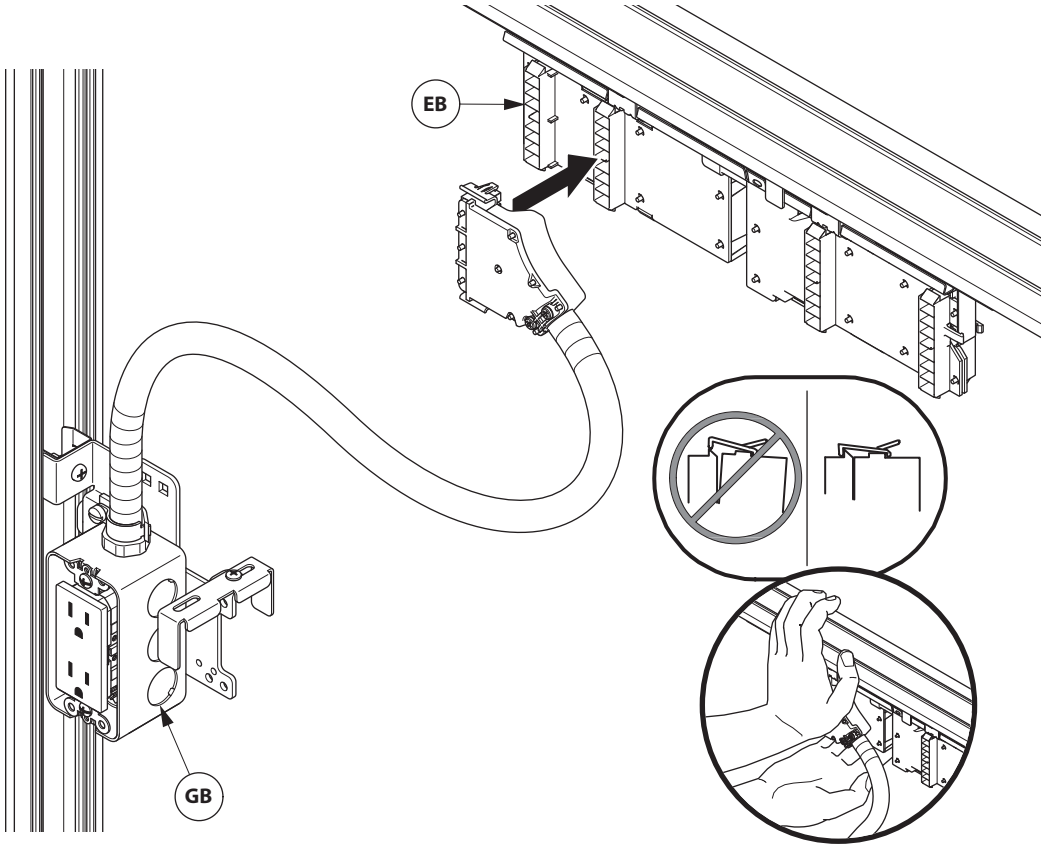




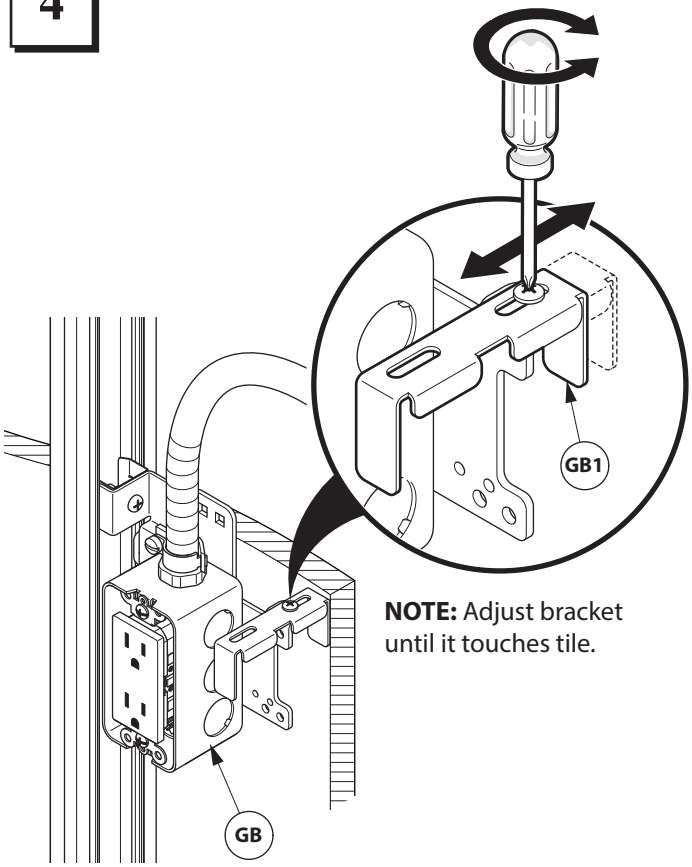
Power Installation with Plywood Backer



3 **Attach connector to PDA**



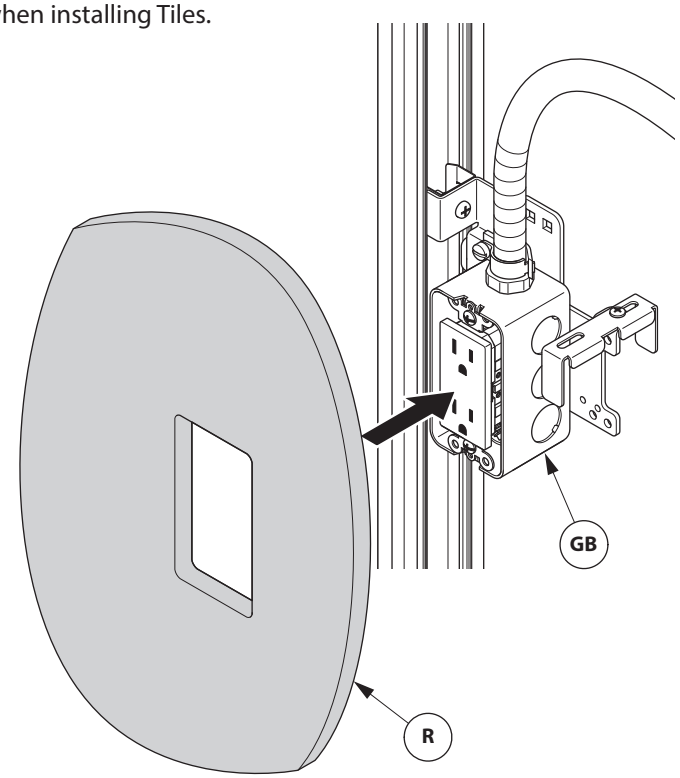
4 Adjust tile support as needed



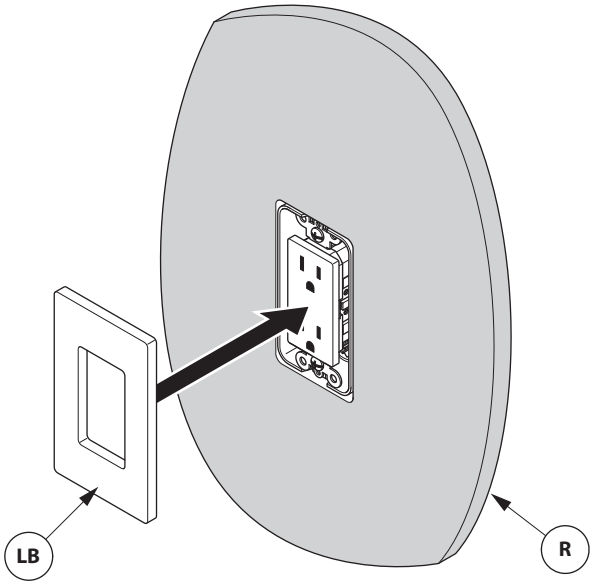
NOTE: Adjust bracket until it touches tile.

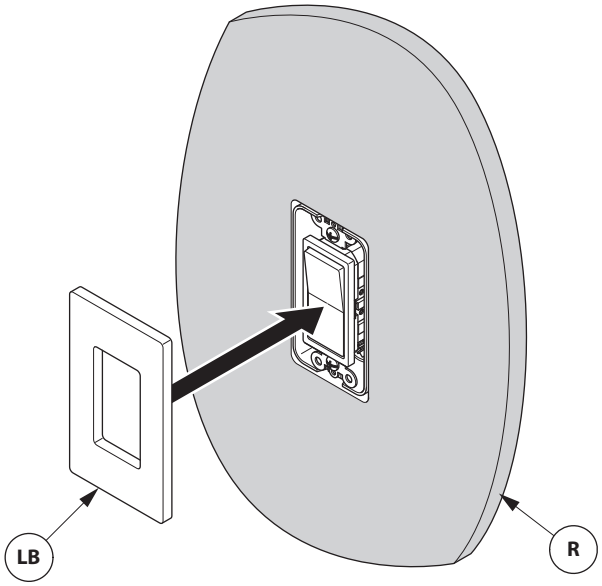
5 Install tile

NOTE: Refer to Section 4 when installing Tiles.



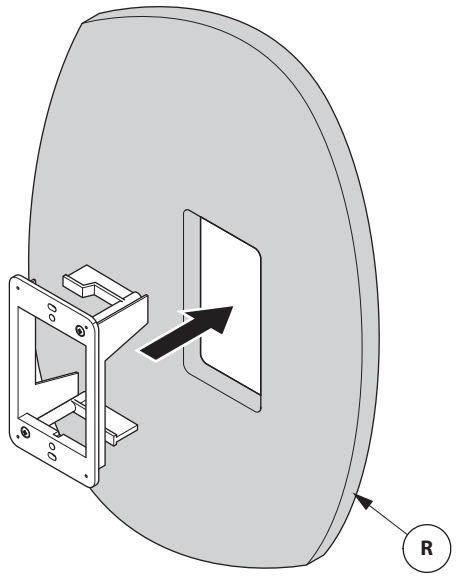
6 Attach face plate by snapping on



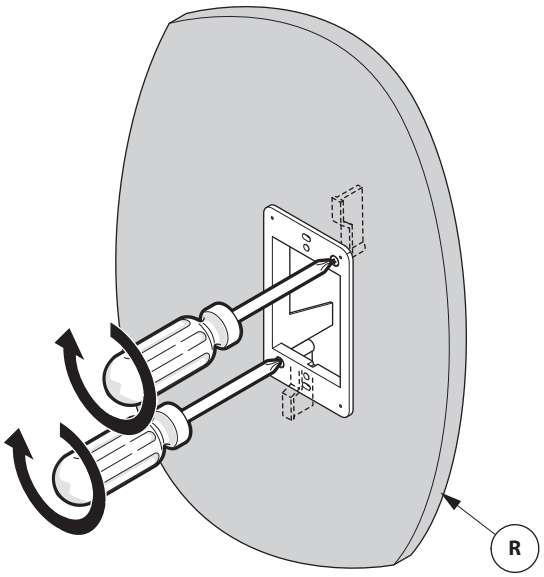


Low Voltage Kit Installation

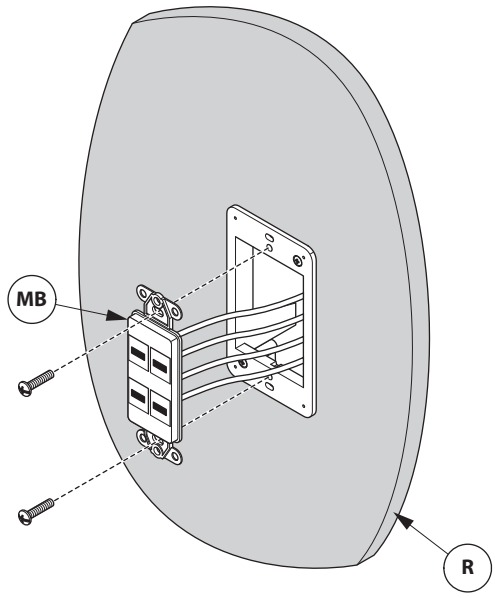
1 Insert junction box



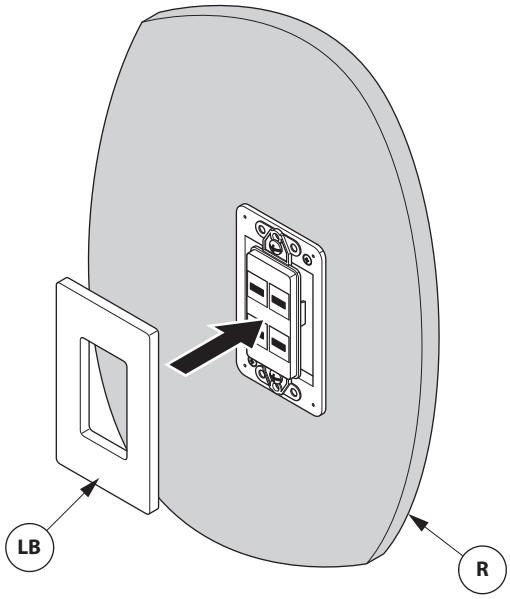
2 Secure junction box



3 Install data plate



4 Install face plate

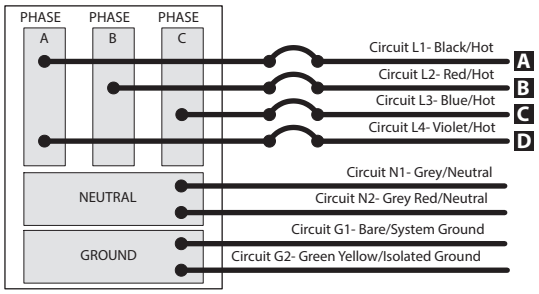


Wiring Diagram - Four-Circuit, 3+1

4 CIRCUIT		WIRE COLOR
N1	=	GREY (10GA)
N2	=	GREY RED (10GA)
G2	=	GREEN YELLOW (12GA)
G1	=	BARE COPPER (12GA)
L1	=	BLACK (12GA)
L2	=	RED (12GA)
L3	=	BLUE (12GA)
L4	=	VIOLET (12GA)

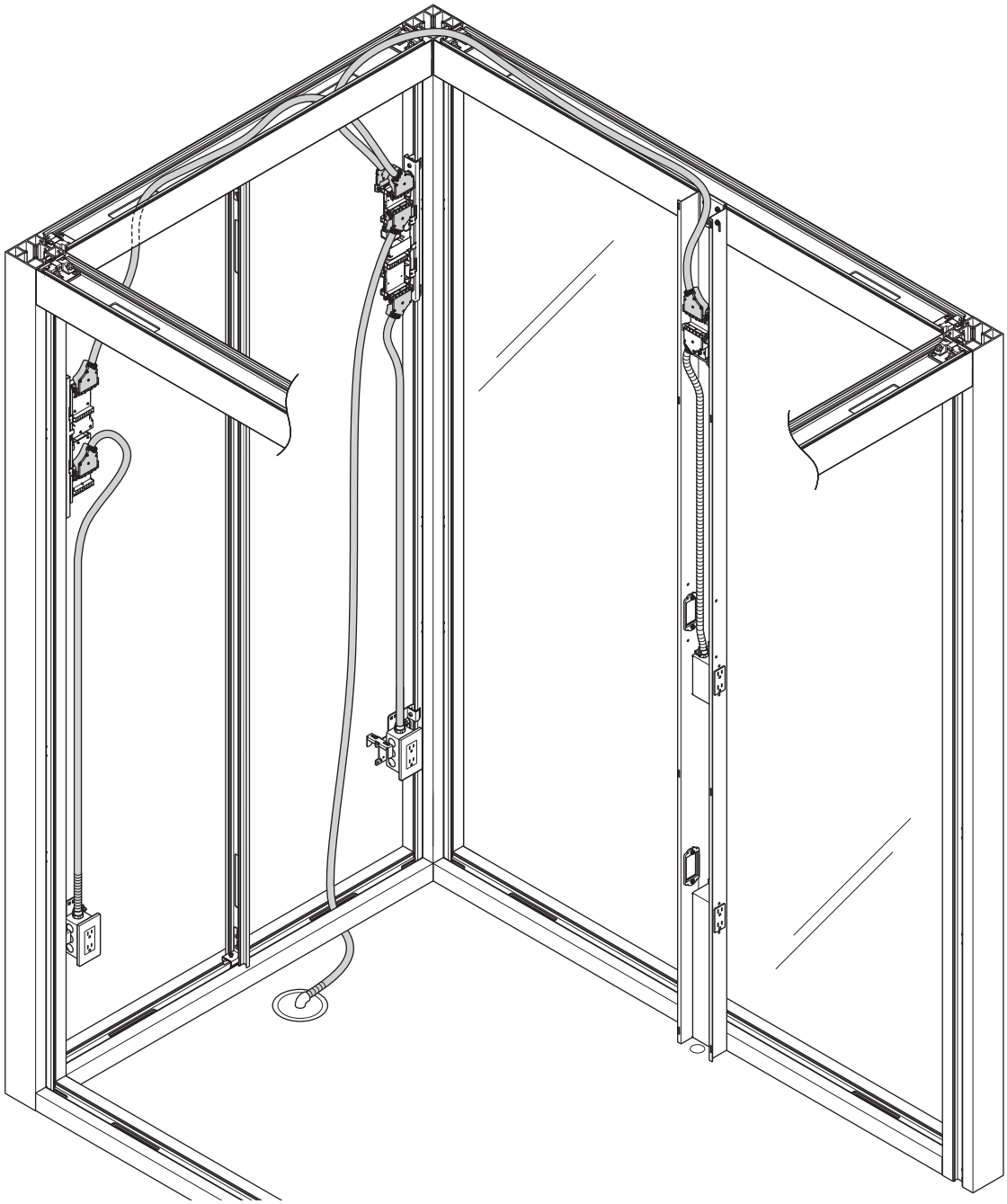
In the four-circuit 3+1 schematic, Circuits 1, 2, and 3 are supported with one shared neutral. Circuit 4 is supported with a separate neutral.

Three 208Y/120V Phase Circuit Panel



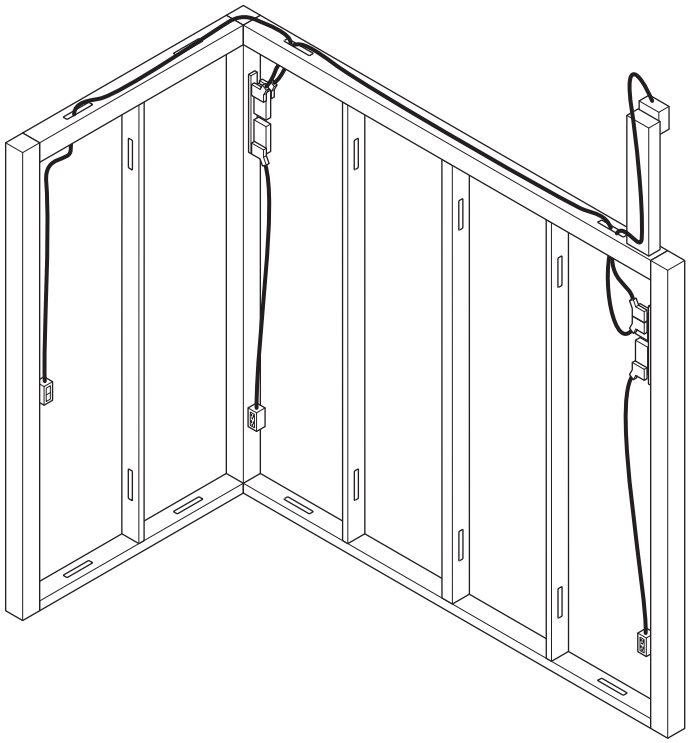
On a 3-phase circuit panel, circuits are distributed as shown.

Power Routing Overview



Electrical Routing Options

Vertical Tiles



Horizontal Tiles

