Affinity Open-Plan Panels Installation Guide

ENWORK

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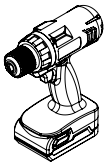
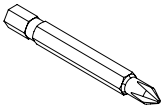
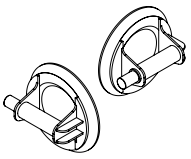
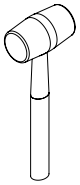
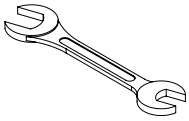
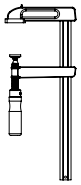
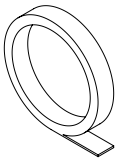
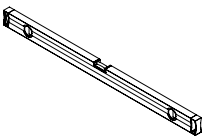
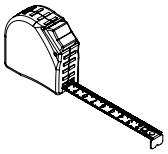
Assembly Instructions

11 Inline Connection Assembly

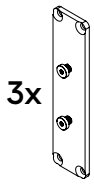
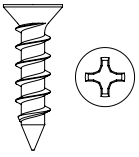
13 90-Degree Connection Assembly

17 Last Spine Panel Connection Assembly

REQUIRED TOOLS

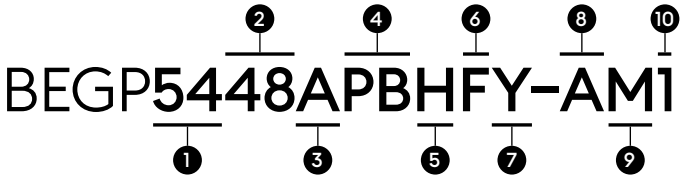
				
THREE PERSONS	DRILL	PHILLIPS HEAD DRIVER	SUCTION CUPS	RUBBER MALLET
				
1" WRENCH	CLAMPS	PAINTER'S TAPE	LEVEL	TAPE MEASURE

COMMON HARDWARE

				
90-DEGREE PIN CONNECTOR START KIT (BEM-1007-B)	90-DEGREE PANEL TEMPLATE (BEM-1008)	#6-13 X 5/8" FLAT PHIL SCREW (100-44140)		

EXAMPLE PART NUMBER

Products are identified through a series of letters and numbers.



EXAMPLE DESCRIPTION			
1	54"W	6	Pin Side Cutout
2	48"H	7	Aluminum Trim
3	Standard Width	8	Trim on Panel Side A
4	Pin-Blank Panel	9	Mid-Run Cut
5	Horizontal / Solid	10	One Radius Corner

PART NUMBER INDEX

Reference index to identify corresponding part number.

1	PANEL WIDTH
20–84	20–84"W (nominal)

2	PANEL HEIGHT
42	42"H
48	48"H

3	PANEL TYPE
A	Standard Width (actual size is +2.625" from nominal)
B	End of Spine Aisle Width (actual size is standard width +0.625")

4	PANEL CONNECTION
PC	Pin-Clip
PB	Pin-Blank
CB	Clip-Blank
CC	Clip-Clip
BB	Blank-Blank

5	GRAIN DIRECTION
H	Horizontal / Solid Laminate
V	Vertical (20–54" Only)

6	CABLE PASSTHROUGH
N	No Cutout
C	Center (available on all panels)
F	Both Corners (PC/CC panels)
	Pin Side (PB panels)
	Clip Side (CB panels)

7	ALUMINUM TRIM
Y	Aluminum Trim
N	No Aluminum Trim

8	TRIM SIDE
A	Trim on Panel Side A
B	Trim on Panel Side B

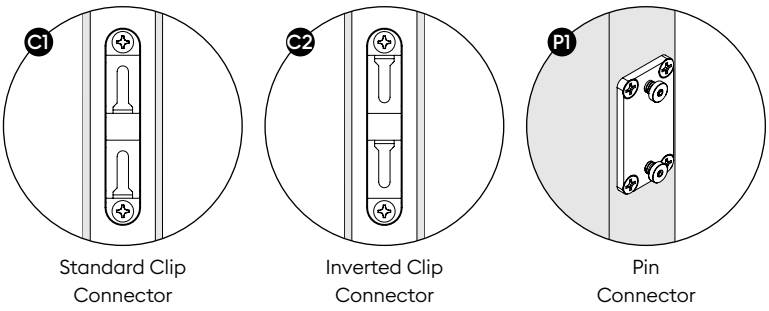
9	PANEL CUT[1]
M	Mid-Run Cut
R	Mid-Run & Right-Hand Edge Cut
L	Mid-Run & Left-Hand Edge Cut
B	Mid-Run & Both Edges Cut

10	TRIM RADIUS[1]
0	No Radius Corners
1	One Radius Corner
2	Two Radius Corners

[1] For manufacturing use only.

PANEL TYPES

Pin panels include external connectors.
Clip panels include internal connectors.
Blank panels have edgeband and no connectors.

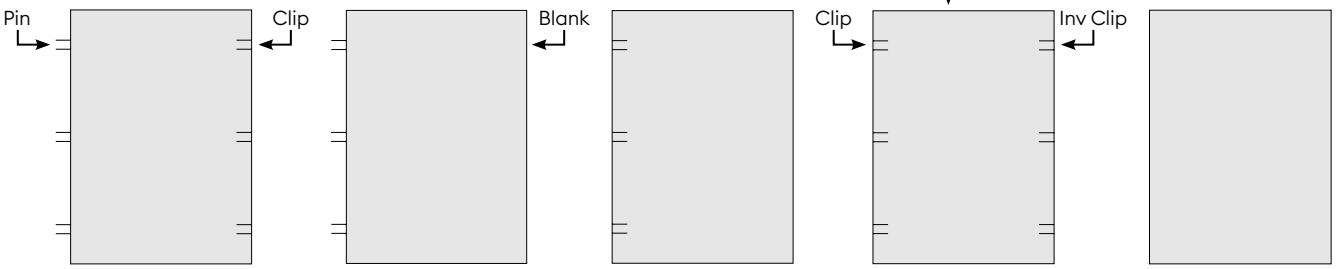


Standard Clip Connector

Inverted Clip Connector

Pin Connector

Clip-clip panels have a standard clip side and inverted clip side.



Pin-Clip (PC)

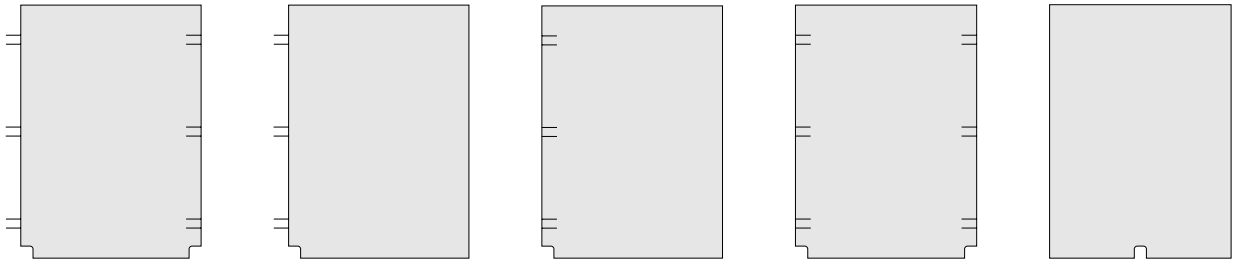
Pin-Blank (PB)

Clip-Blank (CB)

Clip-Clip (CC)

Blank-Blank (BB)

CABLE PASSTHROUGH CUTOUT LOCATIONS (OPTIONAL)



Both Corners Pin-Clip (PC)

Pin Side Corner Pin-Blank (PB)

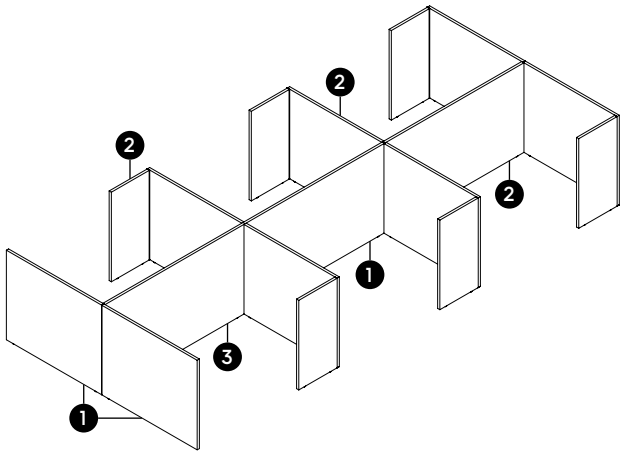
Clip Side Corner Clip-Blank (CB)

Both Corners Clip-Clip (CC)

Center (All Panels)

CONNECTION TYPES

1. Inline Connection
2. 90-Degree Connection
3. Last Spine Panel Connection

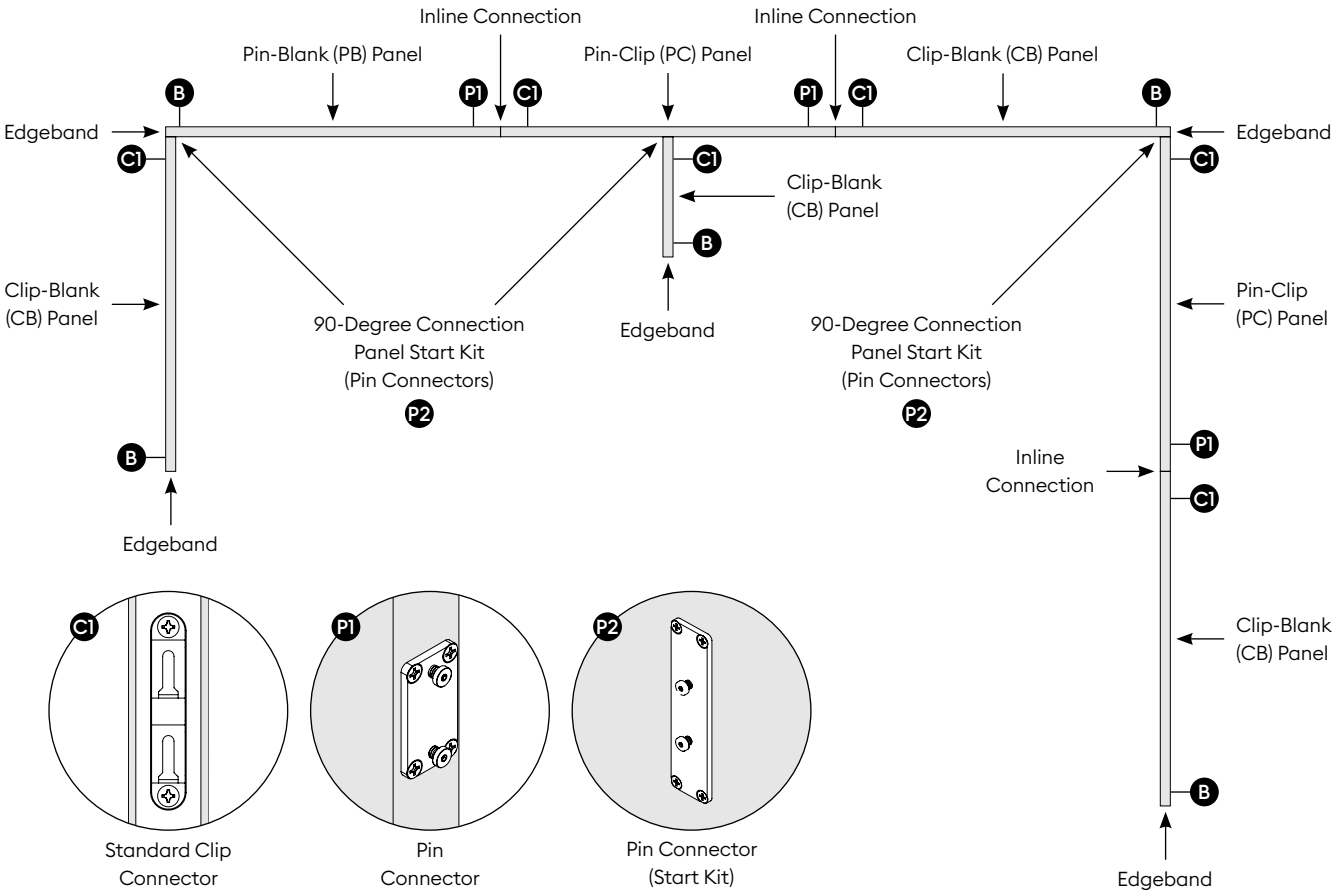


PANEL CONNECTIONS

Inline connections use a pin (external) connector and clip (internal) connector. 90-degree connections require a panel Start Kit. These kits have pin (external) connectors, so the panel attached to it must have a clip connector.

C1 Clip Connector
P1 Pin Connector
P2 Pin Connector (Start Kit)
B Blank End

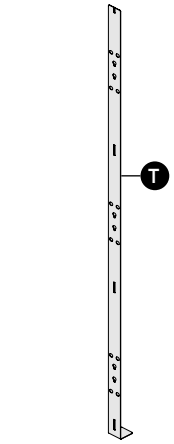
Scenario below shows spine (main run of panels) with fins (90-degree run of panels).



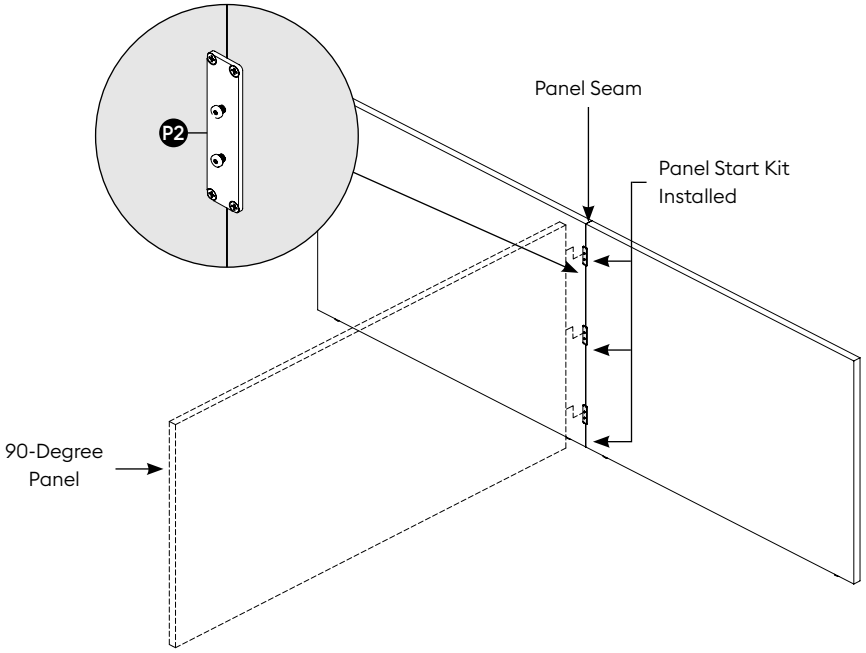
PANEL START KIT T-CONNECTION

Panel Start Kits are used to create 90-degree connections. Each kit has three brackets with pin connectors and screws to be used along panel seams or at panel ends. A template is provided for proper panel alignment.

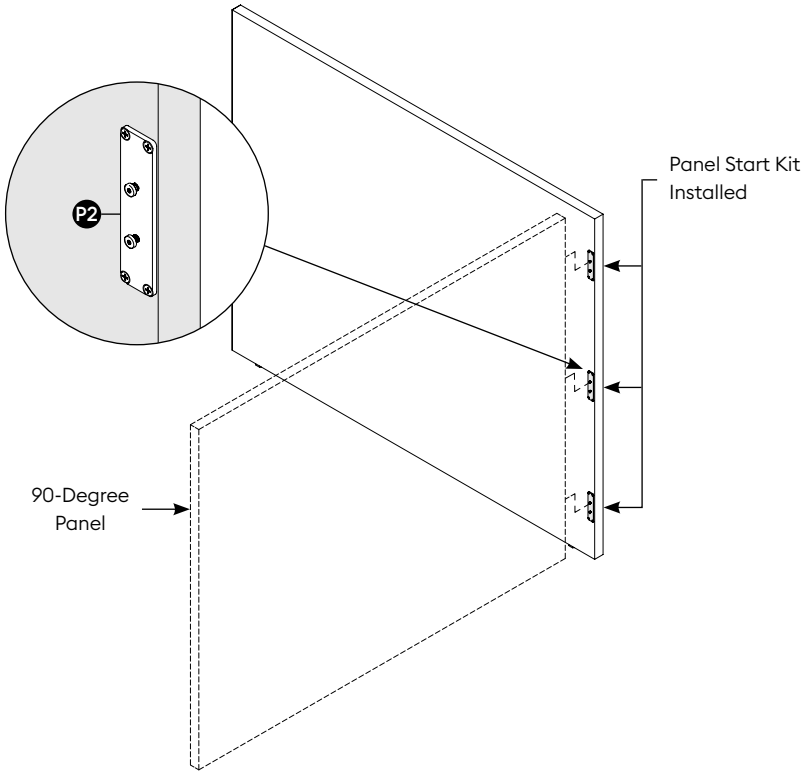
P2 Pin Connector (Start Kit) T Panel Template



Panel Template
(Included in hardware kit)

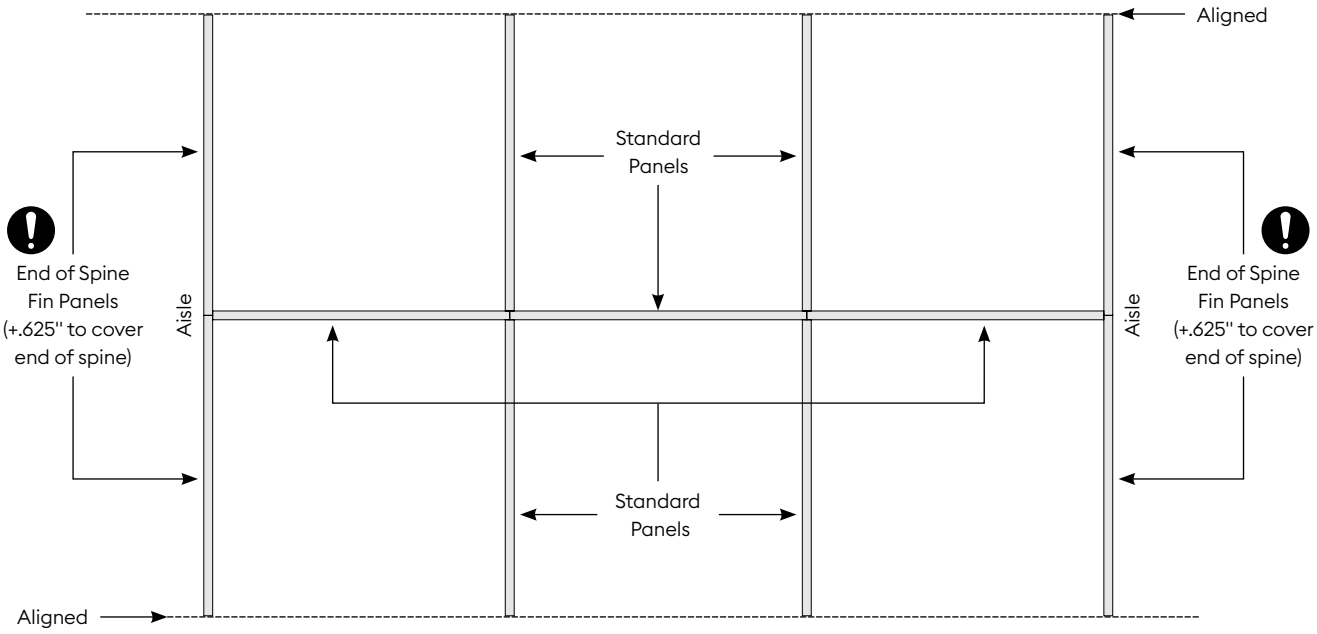


PANEL START KIT L-CONNECTION



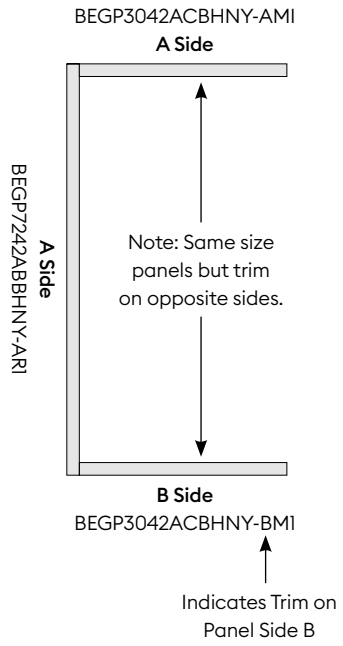
END OF SPINE AISLE CONDITION (T-JUNCTION)

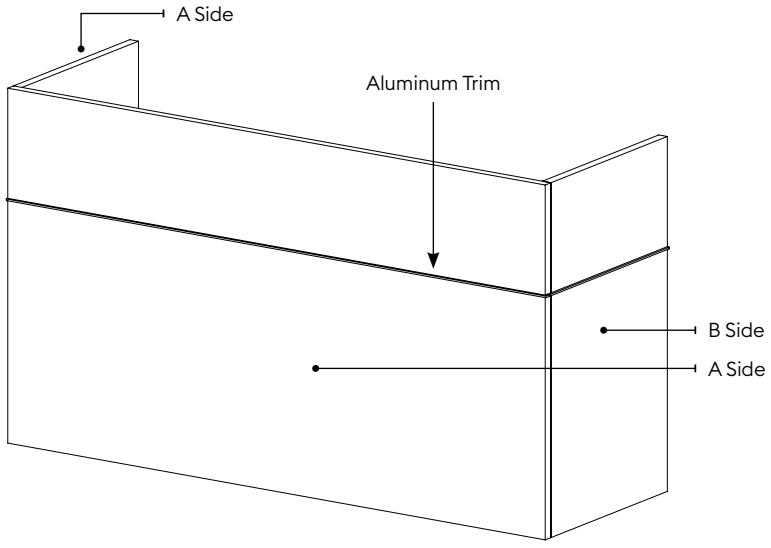
End of spine fin panels include an additional .625" to align with interior fin panels.



ALUMINUM TRIM

Optional aluminum trim is designed for aisle conditions. Panels have an A side and B side to identify trim location. Reference project layout and panel part number for correct installation orientation.





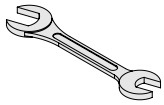
BEFORE YOU BEGIN

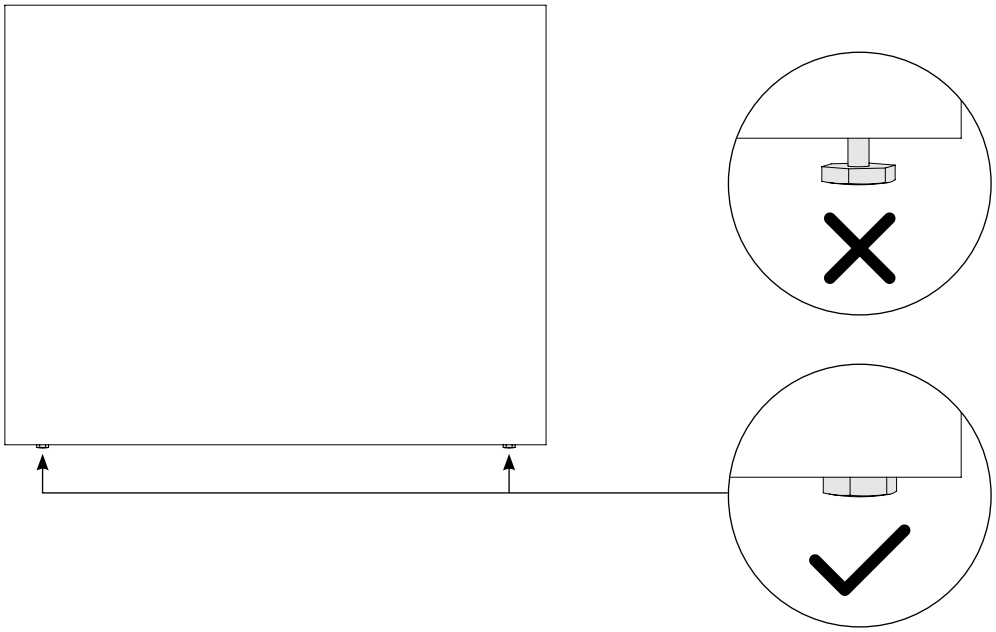
Complete the following to ensure a successful installation.

- Review CET file/application overview and panel labeling information.
- Confirm installation area is prepared for assembly.
- Stage all panels and hardware in an accessible location.
- Acquire all required installation tools.
- Ensure required power is available, if applicable.

PANEL LEVELERS

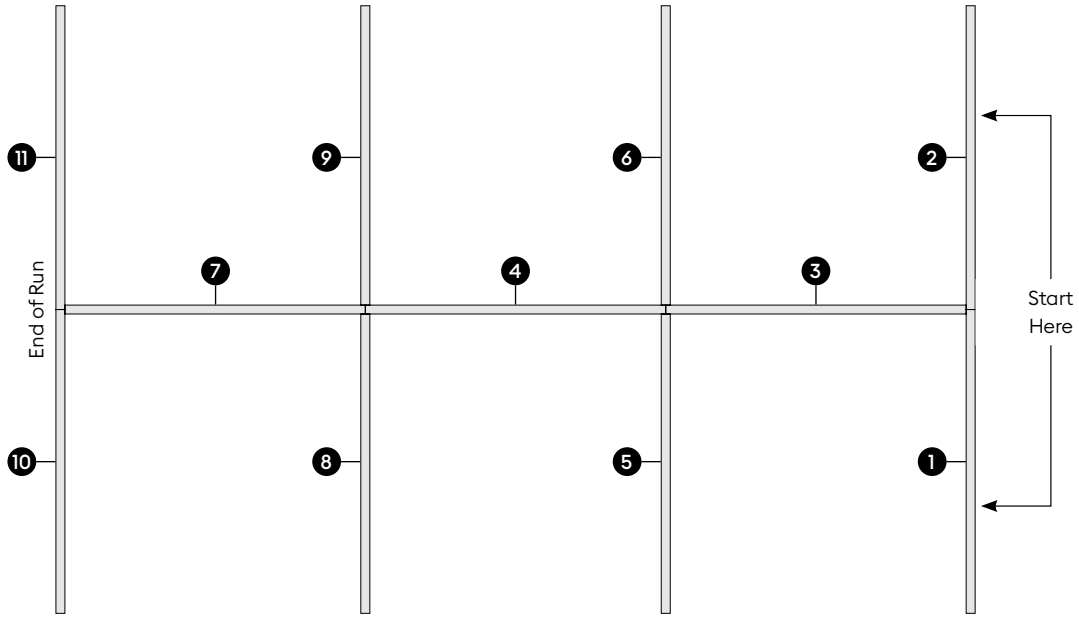
For proper panel alignment, levelers must be fully seated **before** assembly.





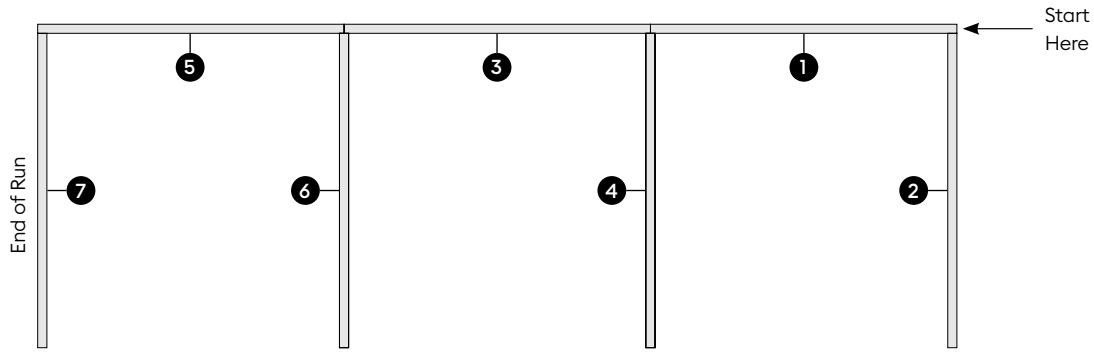
WHERE TO BEGIN (6-PACK DOUBLE-SIDED)

Start from one end of application and work to opposite end.



WHERE TO BEGIN (3-PACK SINGLE-SIDED)

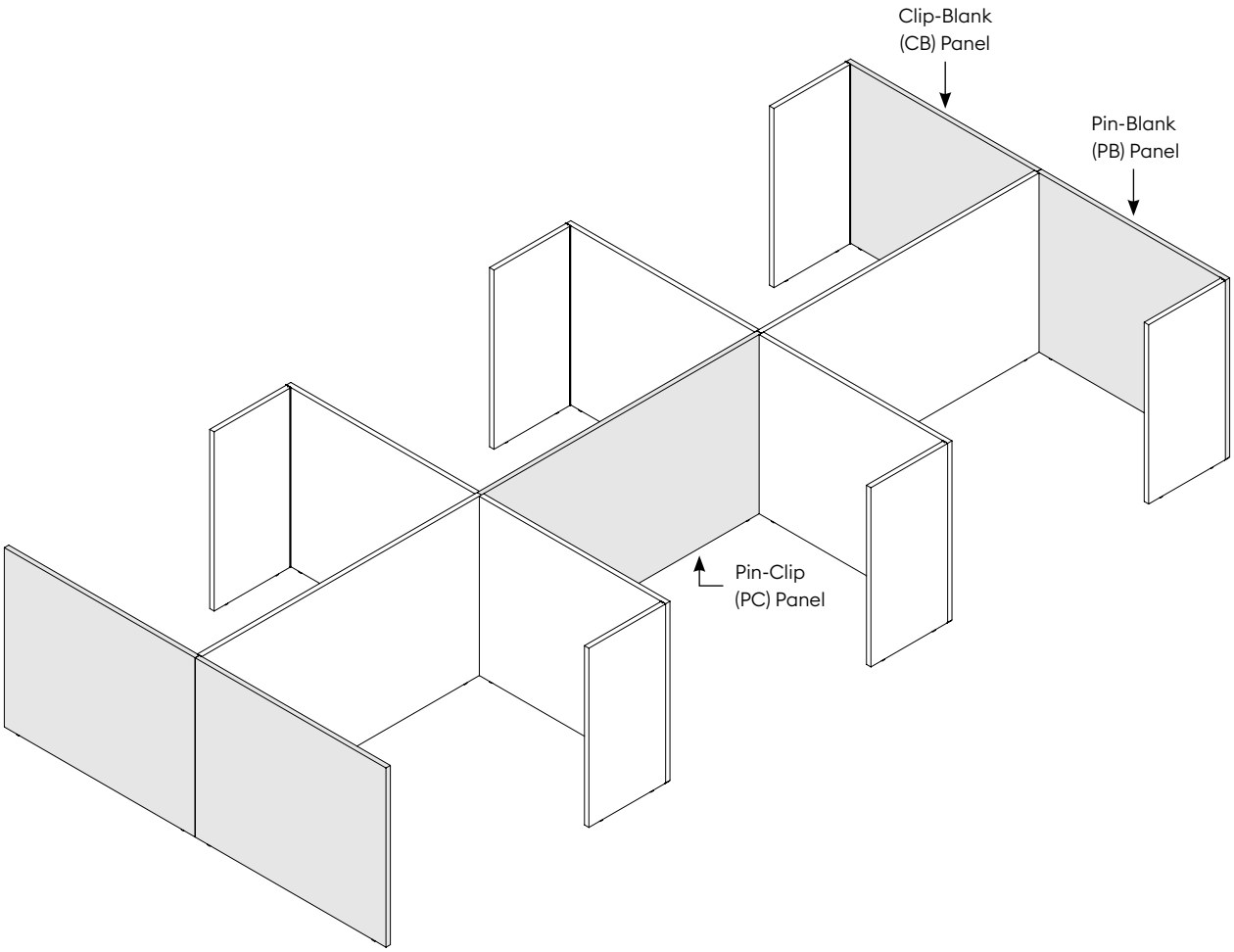
Start at one corner of application and work to opposite end.

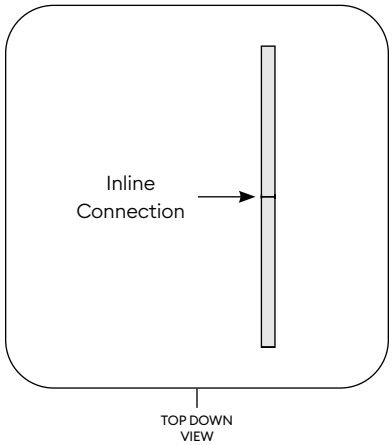


CONNECTION OVERVIEW

The following steps apply to inline panel connections.

Note: Clip and pin connectors are preinstalled for all inline connections.

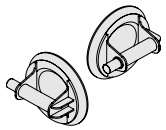




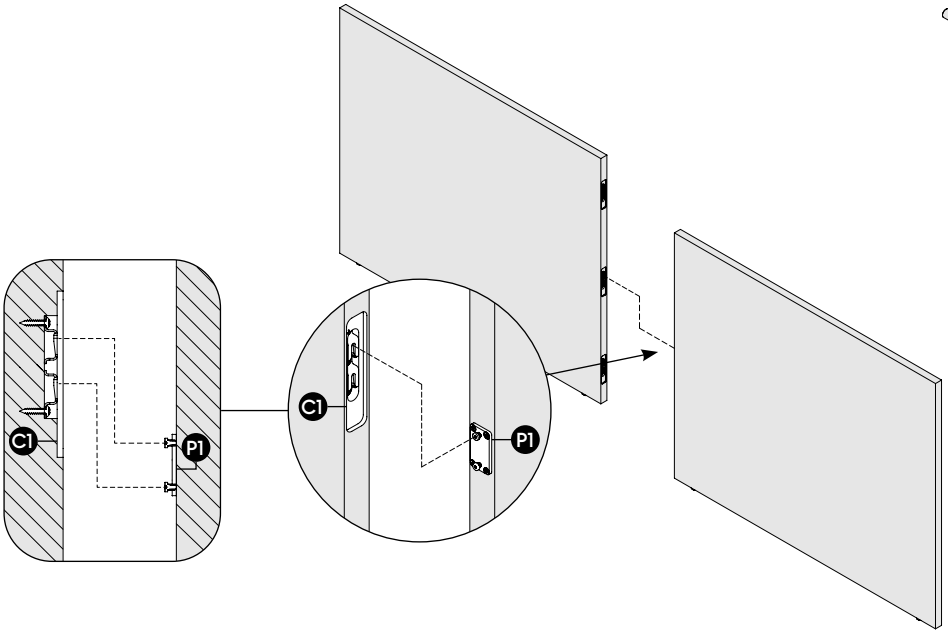
STEP 1 (CONNECT PANELS)
Lift and slide clip end of panel into pin end of panel. Suction cups are recommended to easily move panels (not provided).

C1 Clip Connector P1 Pin Connector

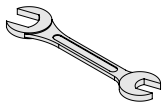
Note: Hold panel secure while placing next panel. Ensure levelers are fully seated if panels aren't flush.

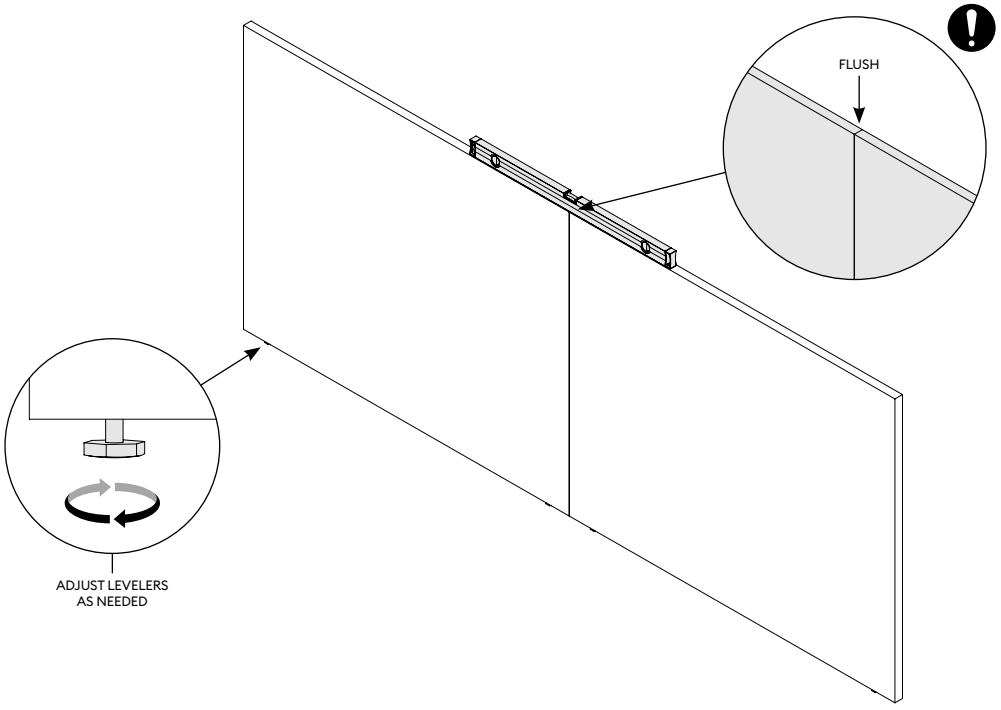


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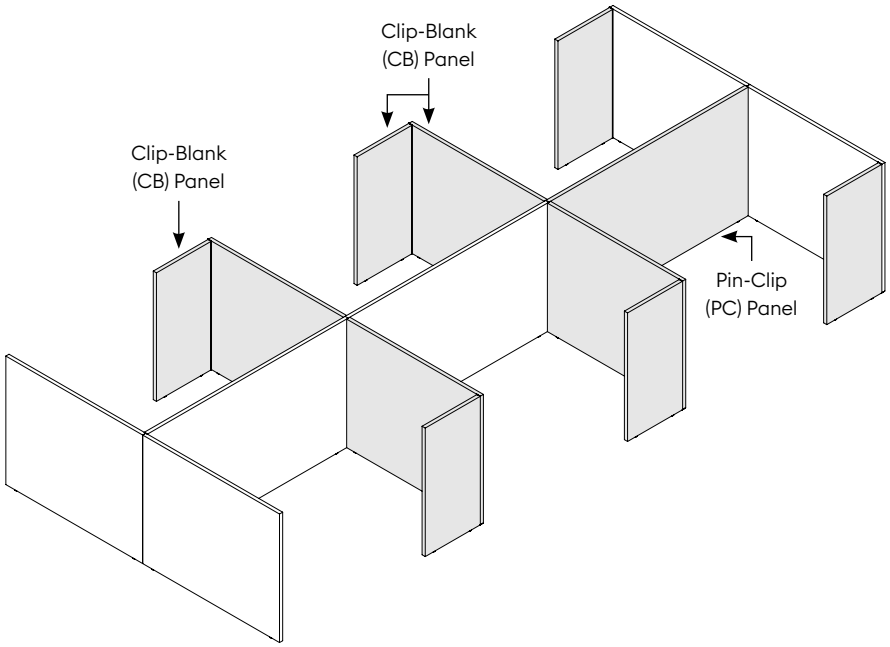
STEP 2 (LEVEL PANELS)
Ensure panel tops are aligned and flush. Level assembly.

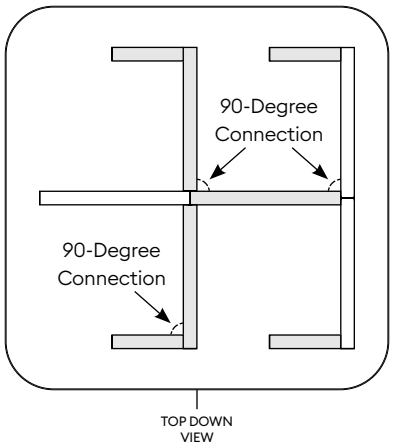




CONNECTION OVERVIEW

The following steps apply to 90-degree connections (L, T, X).

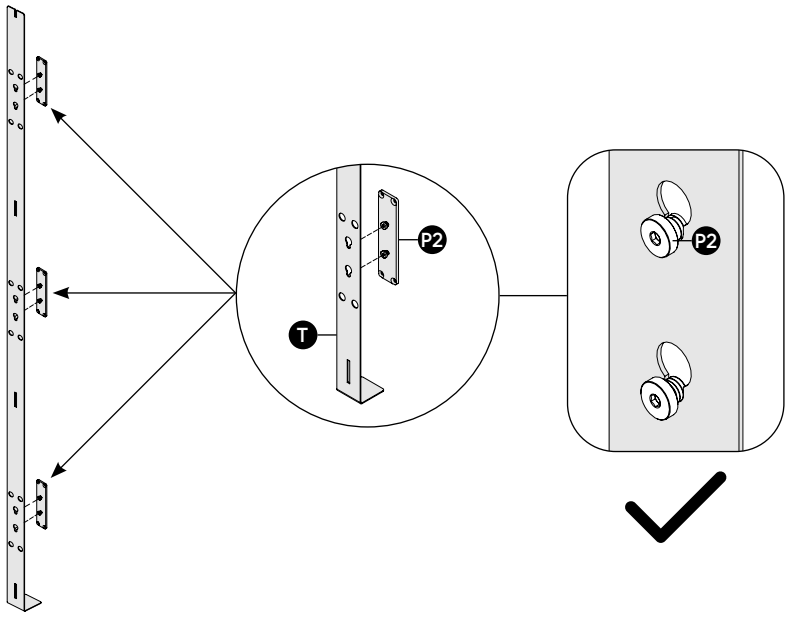




STEP 1 (PREPARE PANEL TEMPLATE)

Install start kit pin connectors into panel template.

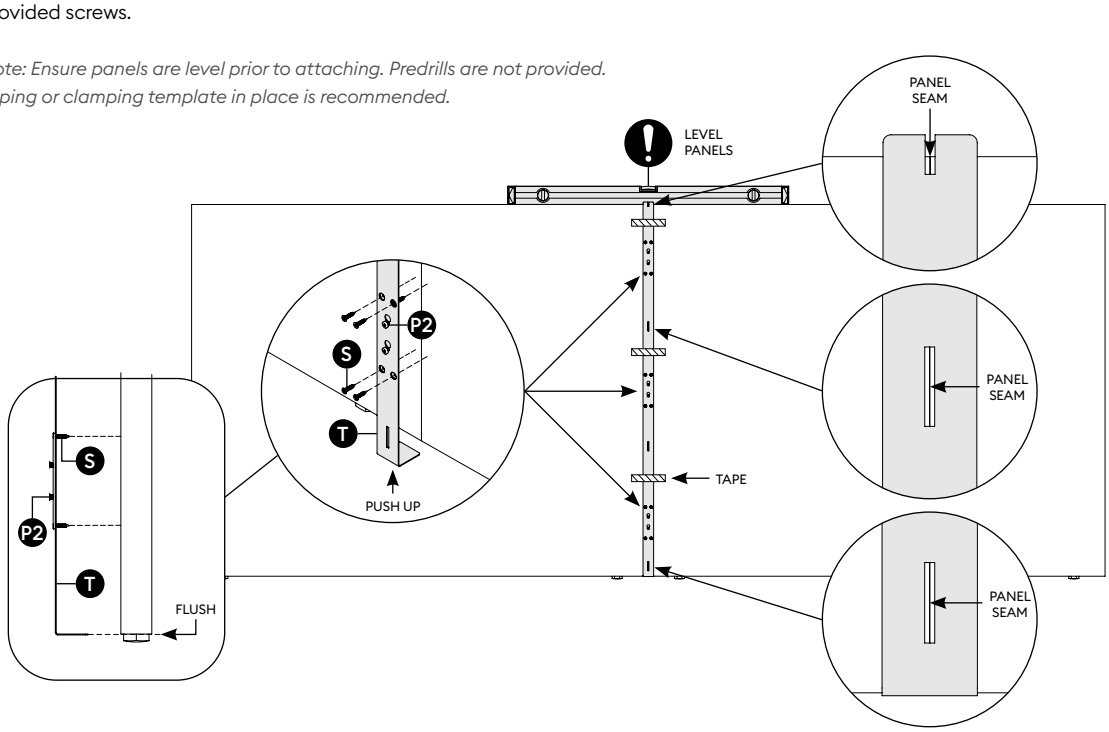
P2 Pin Connector (Start Kit) T Panel Template

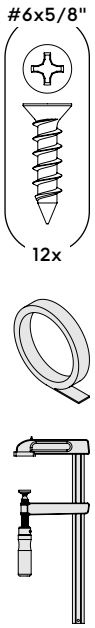


STEP 2 (ATTACH PIN CONNECTORS FOR T/X CONFIGURATIONS)
Place template against panel surface. Use template windows to locate center of panel seams. Push template upward until it's flush against panel's bottom edge. Attach pin connectors to panel using provided screws.

Note: Ensure panels are level prior to attaching. Predrills are not provided. Taping or clamping template in place is recommended.

P2 Pin Connector (Start Kit)
S #6x5/8" Flat Phil Screw
T Panel Template

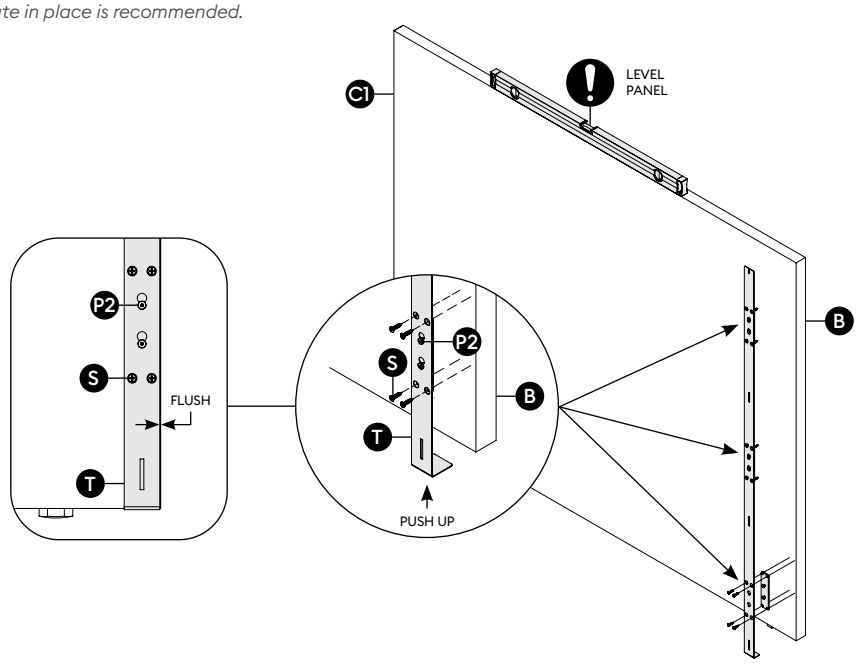


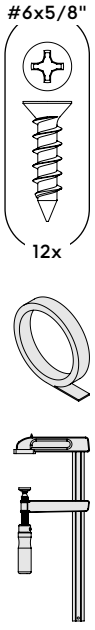


STEP 2 (ATTACH PIN CONNECTORS FOR L CONFIGURATION)
Place template against panel surface outside edge. Push template upward until it's flush against panel's bottom edge. Attach pin connectors to panel using provided screws.

Note: Ensure panel is level prior to attaching. Predrills are not provided. Taping or clamping template in place is recommended.

C1 Clip Connector
S #6x5/8" Flat Phil Screw
P2 Pin Connector (Start Kit)
T Panel Template
B Blank End



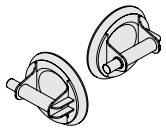


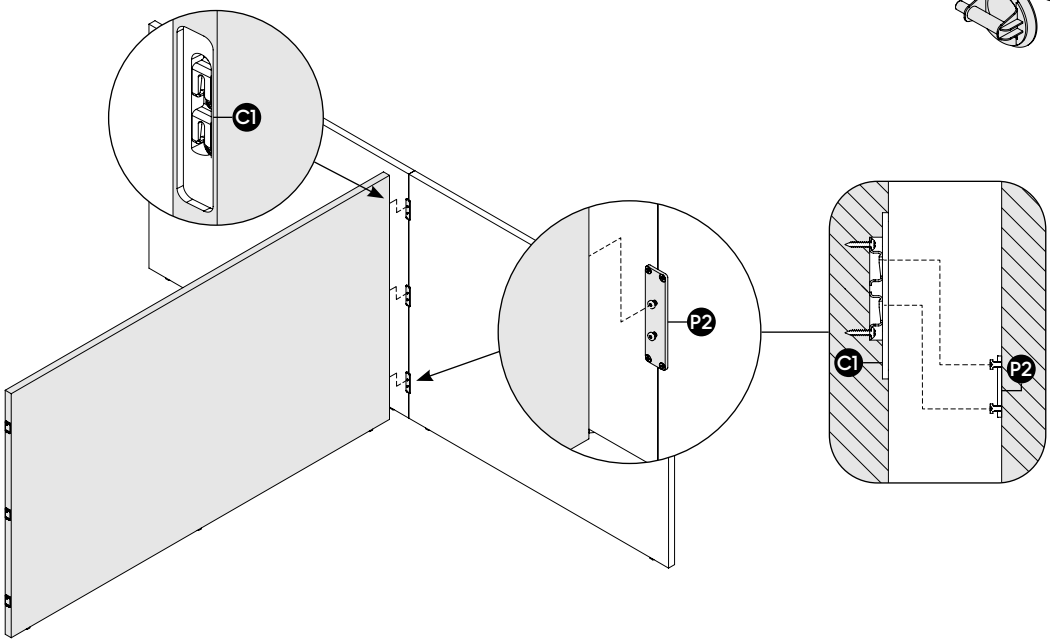
STEP 3 (CONNECT PANELS FOR T/X CONFIGURATIONS)
Lift and slide clip end of panel into start kit pin connectors. Suction cups are recommended to easily move panels (not provided).

C1 Clip Connector P2 Pin Connector (Start Kit)

Note: Hold panels secure while placing next panel. Ensure levelers are fully seated if panels aren't flush.

3x



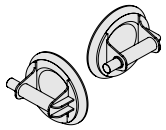


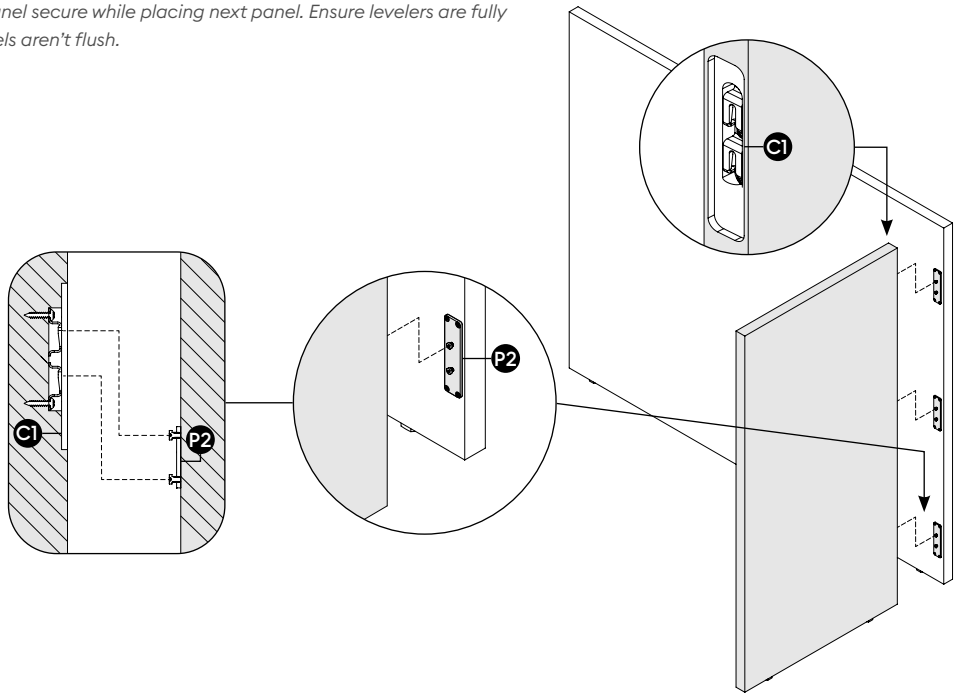
STEP 3 (CONNECT PANELS FOR L CONFIGURATION)
Lift and slide clip end of panel into start kit pin connectors. Suction cups are recommended to easily move panels (not provided).

C1 Clip Connector P2 Pin Connector (Start Kit)

Note: Hold panel secure while placing next panel. Ensure levelers are fully seated if panels aren't flush.

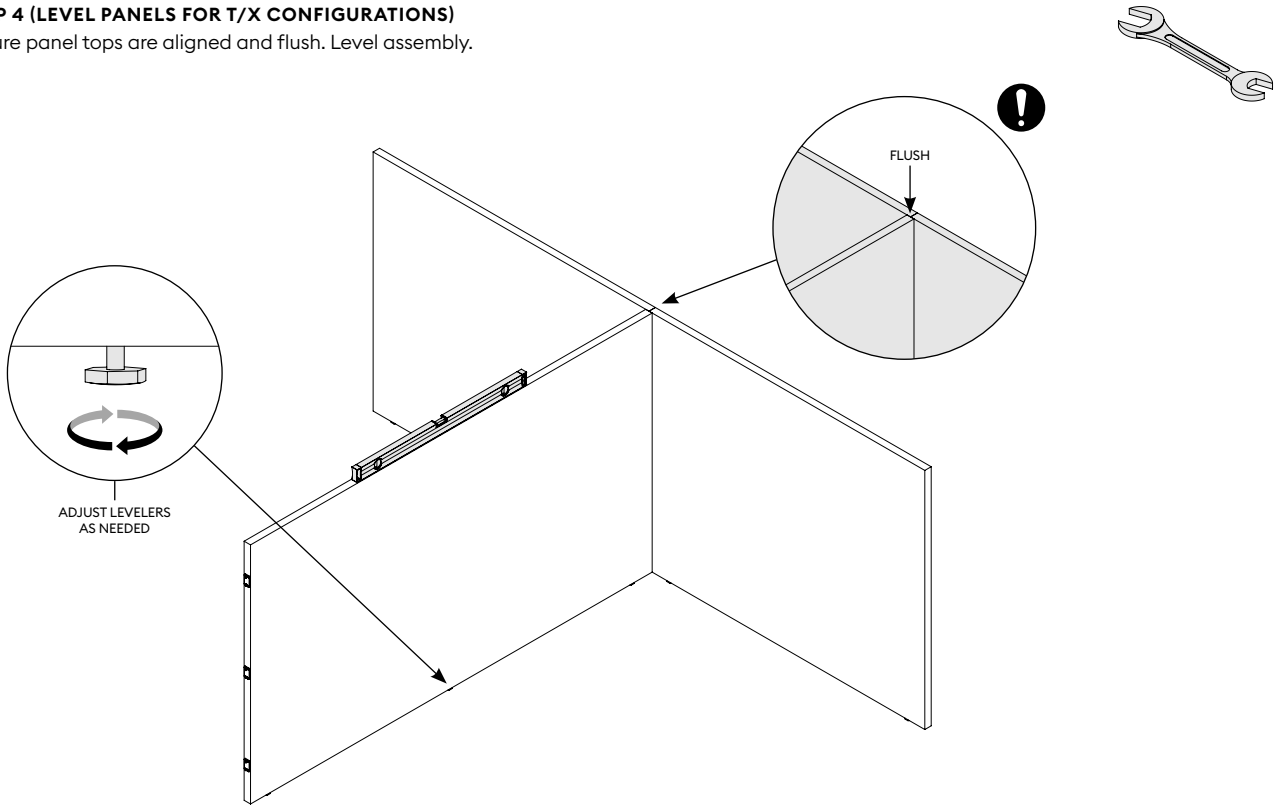
3x





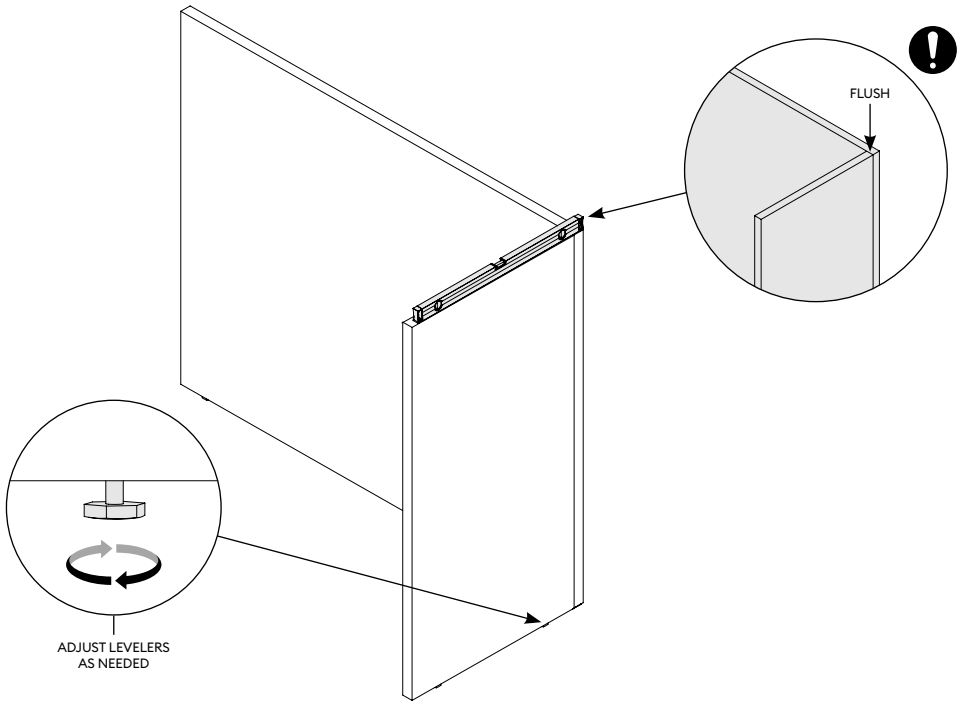
STEP 4 (LEVEL PANELS FOR T/X CONFIGURATIONS)

Ensure panel tops are aligned and flush. Level assembly.



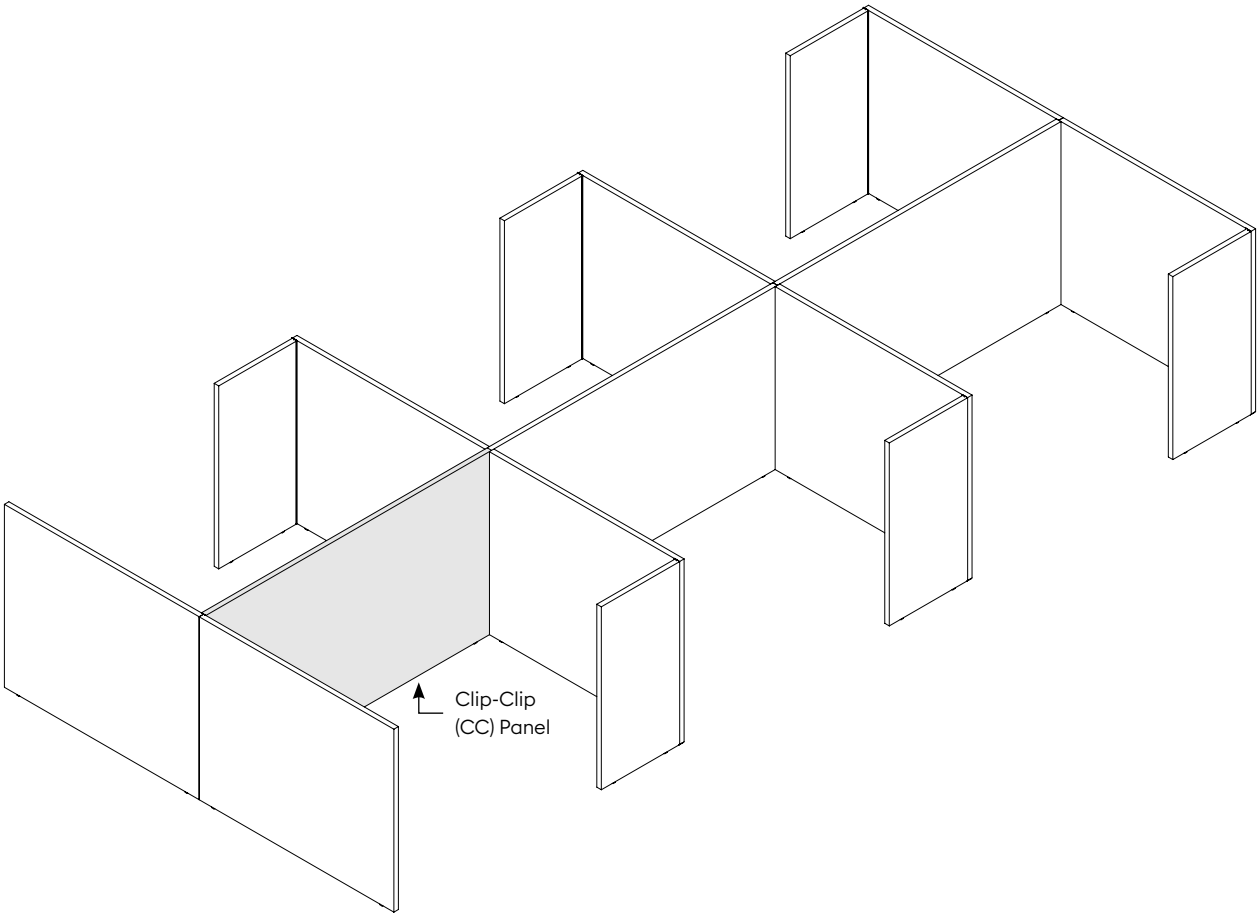
STEP 4 (LEVEL PANELS FOR L CONFIGURATION)

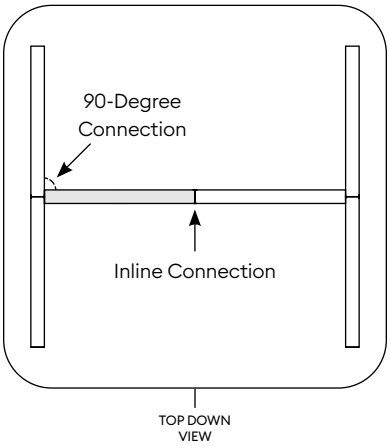
Ensure panel tops are aligned and flush. Level assembly.



CONNECTION OVERVIEW

The following steps apply to end-of-run last spine panel connections.

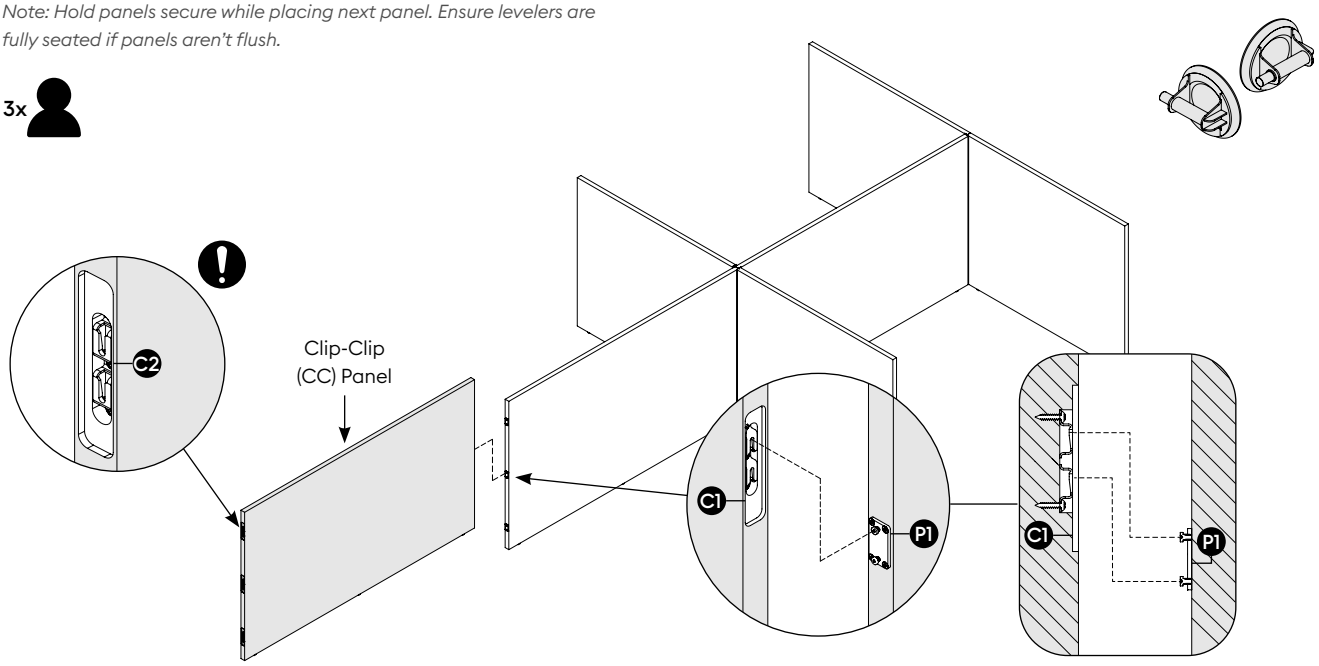




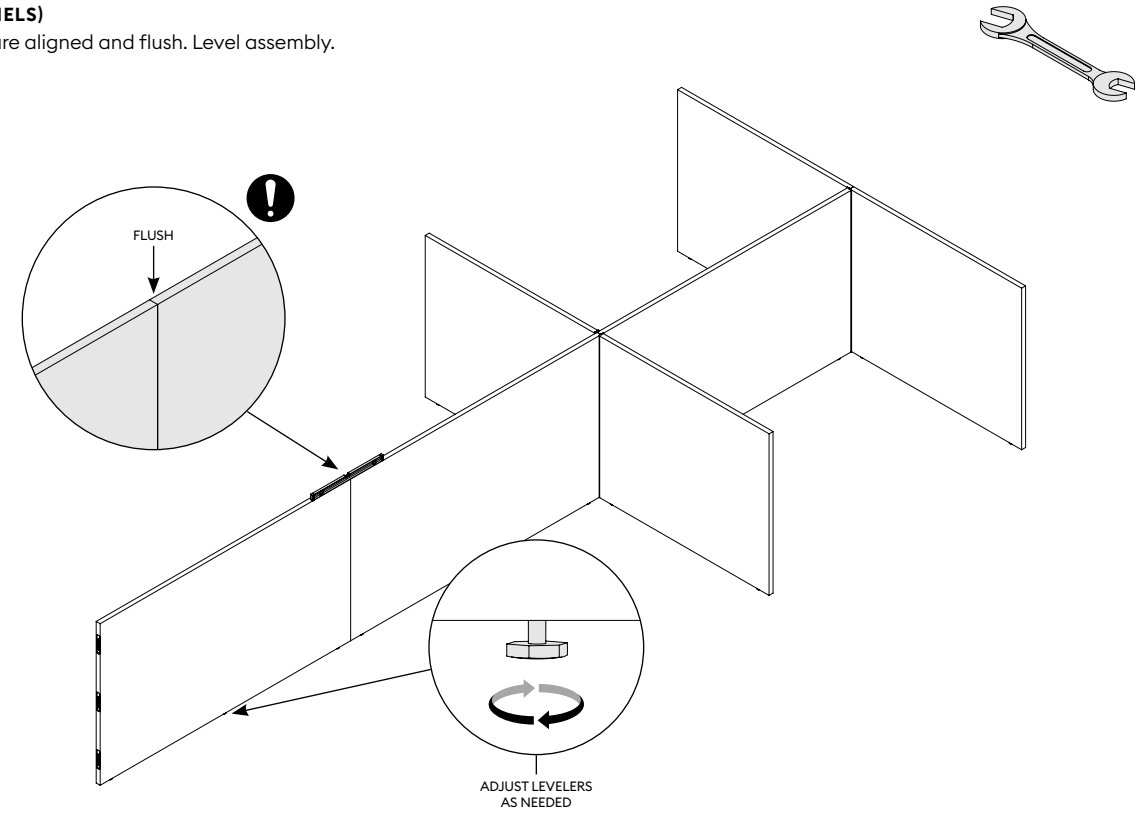
STEP 1 (CONNECT PANELS)
Lift and slide clip end of panel into pin end of panel. Suction cups are recommended to easily move panels (not provided).

Note: Hold panels secure while placing next panel. Ensure levelers are fully seated if panels aren't flush.

C1 Clip Connector
P1 Pin Connector
C2 Inverted Clip Connector



STEP 2 (LEVEL PANELS)
Ensure panel tops are aligned and flush. Level assembly.

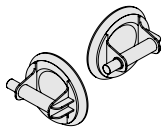


STEP 3 (CONNECT PANELS)

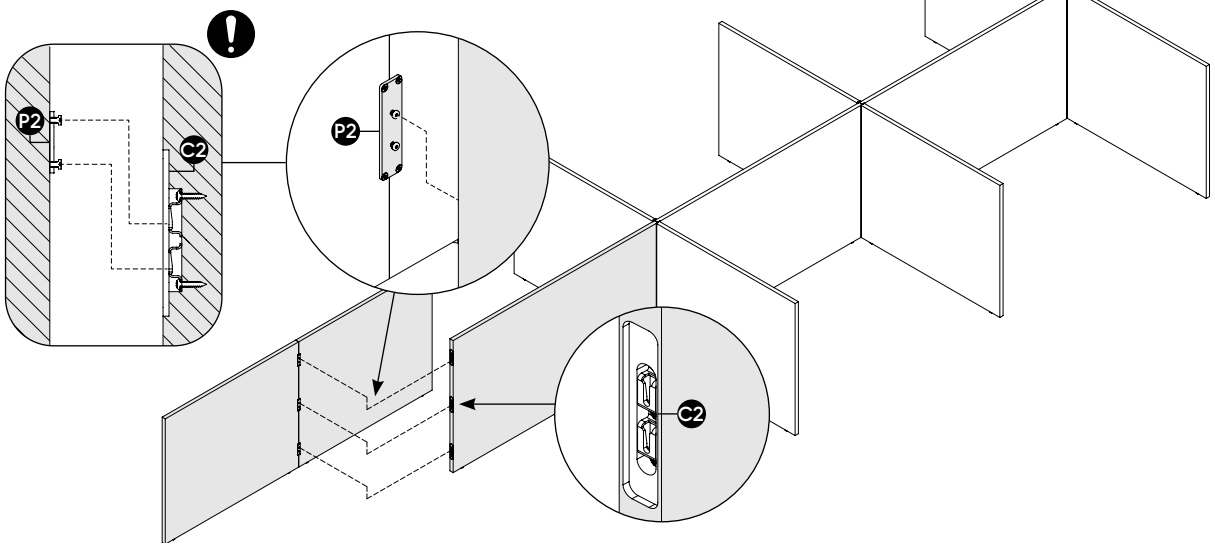
Lift and slide end panel pins into inverted clip end of panel. Pins will attach in reverse direction shown in previous steps. Suction cups are recommended to easily move panels (not provided).

Note: Hold panels secure while placing end panels. Ensure levelers are fully seated if panels aren't flush.

C2 Inverted Clip Connector P2 Pin Connector (Start Kit)



3x



STEP 4 (LEVEL PANELS)

Ensure panel tops are aligned and flush. Level assembly.

