CustomClosets.com



Floor-Mount Closet Tower with 4 Flat Shelves, 5 Reveal Drawers & Doors

Assembly and Installation Guide

Before You Begin

Thank You for Your Purchase

Thank you for choosing CustomClosets.com. This guide contains the assembly and installation instructions for your closet system.

Need Help?

If you have questions during assembly or installation, our team is here to help.

Call for help: (800) 504-0244

Visit: https://customclosets.com/company/contact-us

Installation Video Library

For additional step-by-step help, visit our Installation Video Library. Scan the QR code below to view available installation videos.

Scan to view installation videos or visit https://customclosets.com/company/installation-videos

---

Before beginning installation, we recommend reviewing the applicable sections of this guide and watching any installation videos relevant to your product.

Table of Contents

Wall and Suspension Rail Preparation and Mounting 3

72 Inch Cabinet Assembly 13

Bottom Module Installation 24

Cabinet Mounting 31

Reveal Drawer Assembly 36

Drawer Slide Installation 40

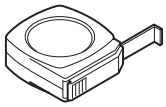
Shelf and Shoe Shelf Installation 45

Door Installation 47

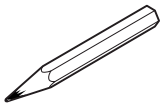
Wall and Suspension Rail Preparation and Mounting Guide

The suspension rail supports the closet system and must be installed level and securely fastened to the wall. Taking the time to install the rail correctly will help ensure proper alignment and simplify the remaining installation steps.

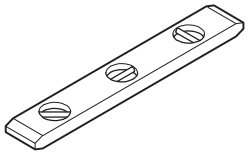
Required Tools



Tape measure



Pencil



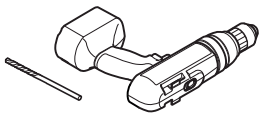
Level



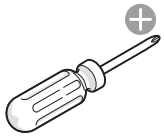
Stud finder



Masking tape



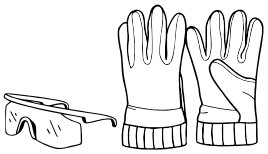
Drill & metal bit



Screwdriver
or impact driver



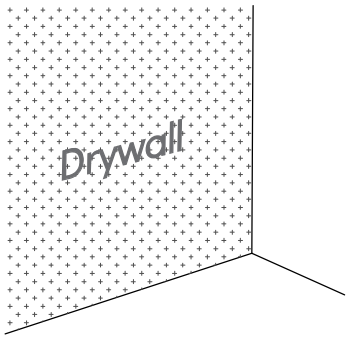
Hacksaw or miter saw
(metal cutting)

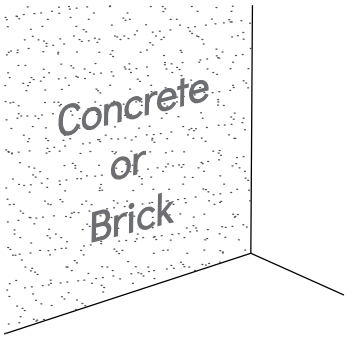


Safety glasses & gloves

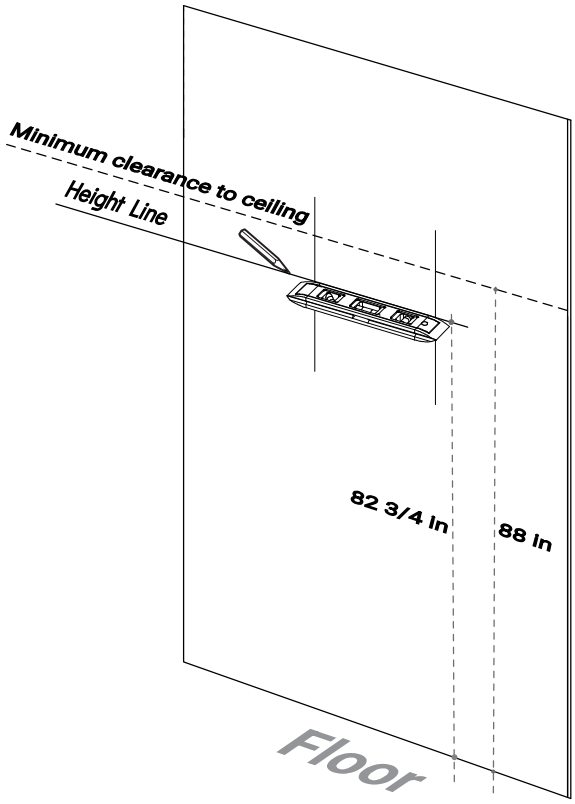
1. Wall Preparation

- **Identify wall type:** Determine wall type to ensure proper fastening method and anchor selection.





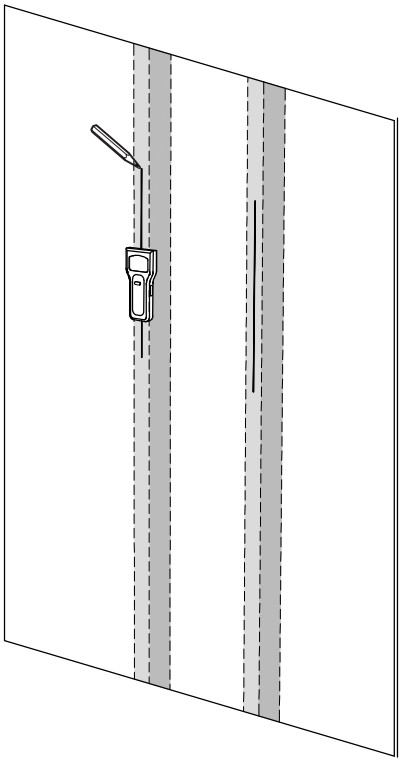
- **Mark the suspension rail height according to the layout plan:** Use a tape measure and level to mark the rail position.



Important: Verify the ceiling height before installing the suspension rail. A minimum ceiling height of 88” is required to allow proper installation of the closet system.

For Drywall Installation:

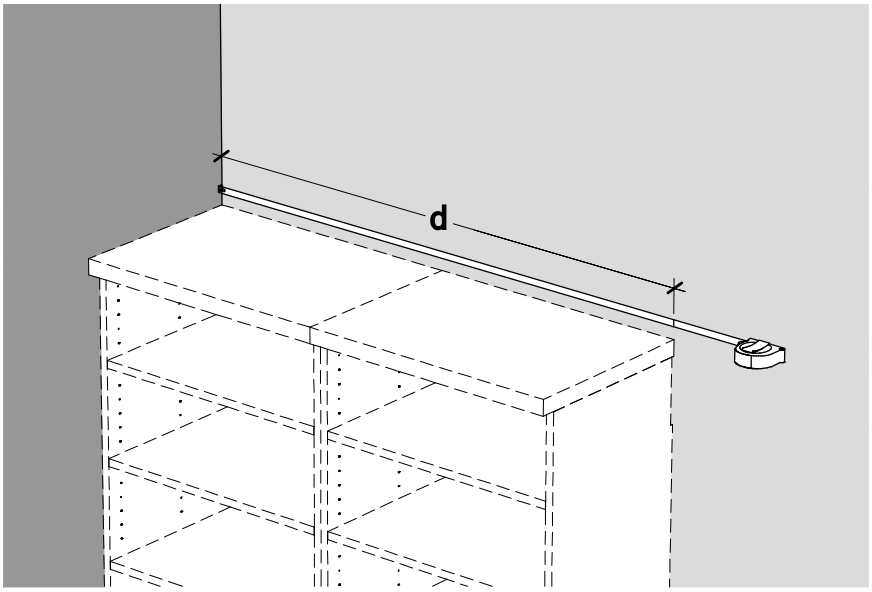
Locate and mark stud centers: Use stud finder and pencil to mark stud centers.



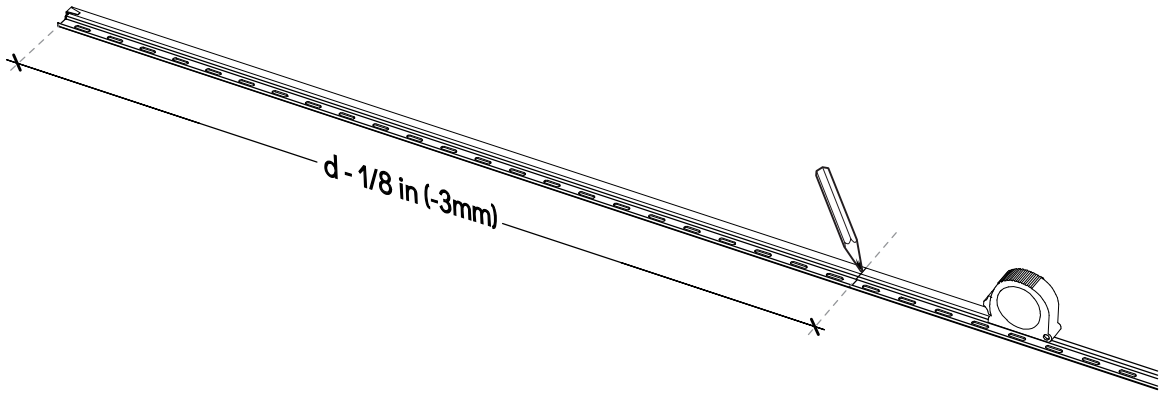
Rail Preparation

2. Determine Required Rail Length

- **Measure Cabinet Layout Width:**Measure the full width of the cabinet layout where the suspension rail will be installed.
- **Account for spacing:** Subtract 1/8” (3 mm) from the total measurement to allow clearance for wall irregularities or corner returns.



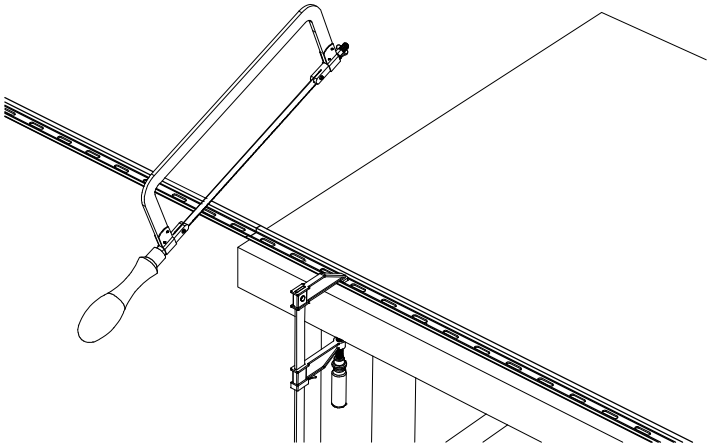
- **Mark Rail Cut Length:** Transfer the measurement to the Hettich suspension rail using a pencil or fine-tip marker.

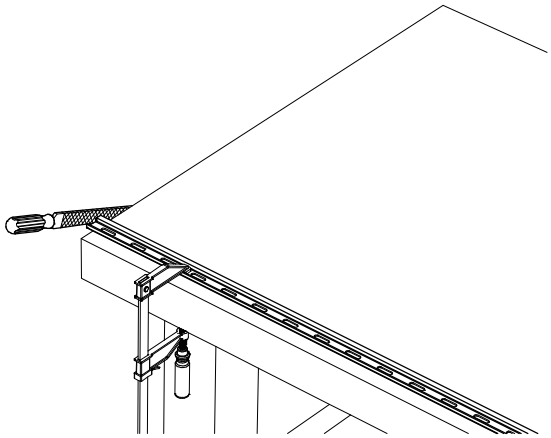


Rail Preparation

3. Cut the Rail

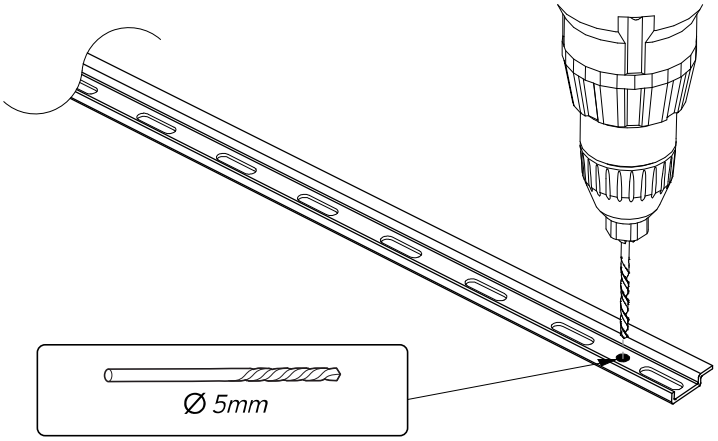
- **Secure for cutting:** Secure the suspension rail to a stable work surface with the cut line accessible.
- **Cut precisely:** Cut the rail using a fine-tooth metal saw.
- **Deburr edges:** Remove any sharp edges with a file or deburring tool. Ensure the cut end is smooth before installation.





4. Prepare Mounting Holes

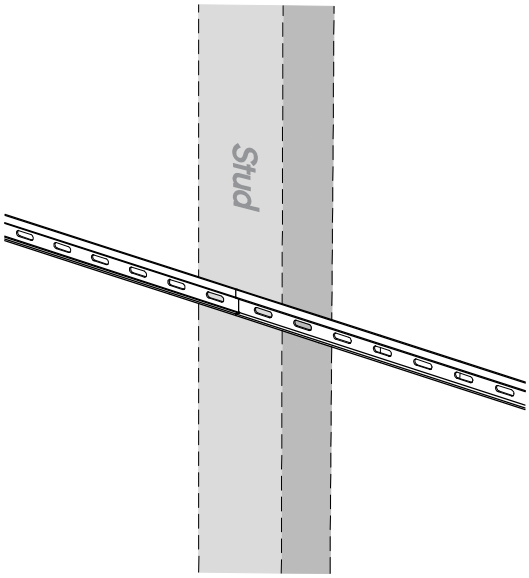
- **Check hole spacing:** Hold the suspension rail against the wall and verify the pre-drilled holes align with the stud locations.
- **Drill additional holes (if needed):** Use a 5 mm metal bit to create new holes centered in the upper groove.
  Maintain 16" (406 mm) spacing between holes where possible.
  This will help identify where the suspension rail can be fastened directly to wall studs and where toggle anchors may be required.



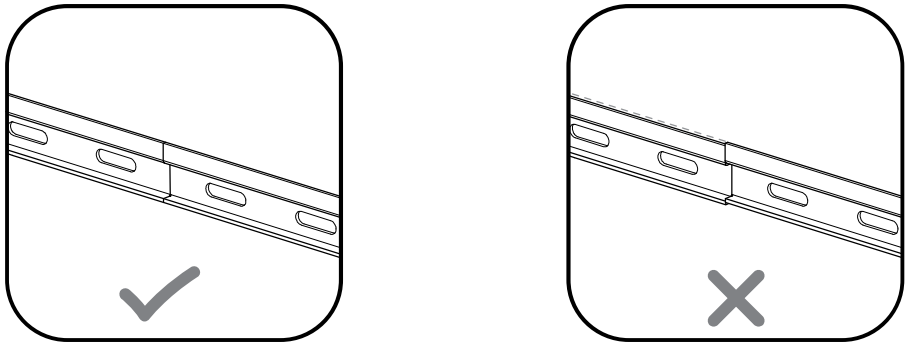
Rail Preparation

5. Join Multiple Rails (if required)

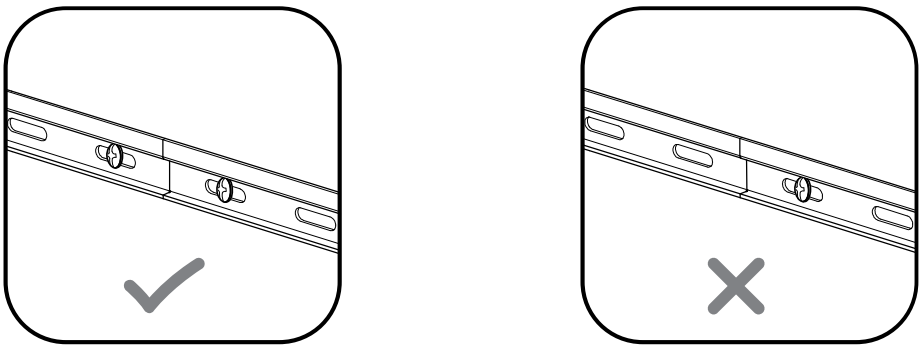
- **Plan joint locations:** Place rail joints over a wall stud whenever possible for maximum support.



- **Align rails:** Butt adjoining rail sections tightly together and ensure the grooves and top edges are aligned.



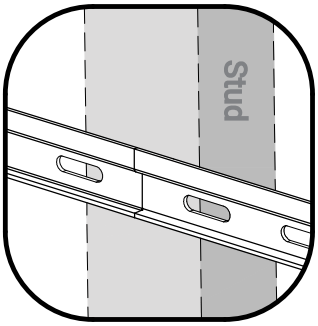
- **Secure each rail section independently:** Fasten each suspension rail section directly to the wall. Secure both ends of every rail section. Use toggle anchors where stud attachment is not available.



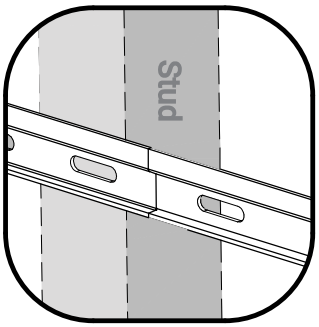
Rail Mounting

6. Identify if Toggle Anchors Are Needed

Use toggle anchors where additional support is needed and a stud is not available.



Toggles not needed



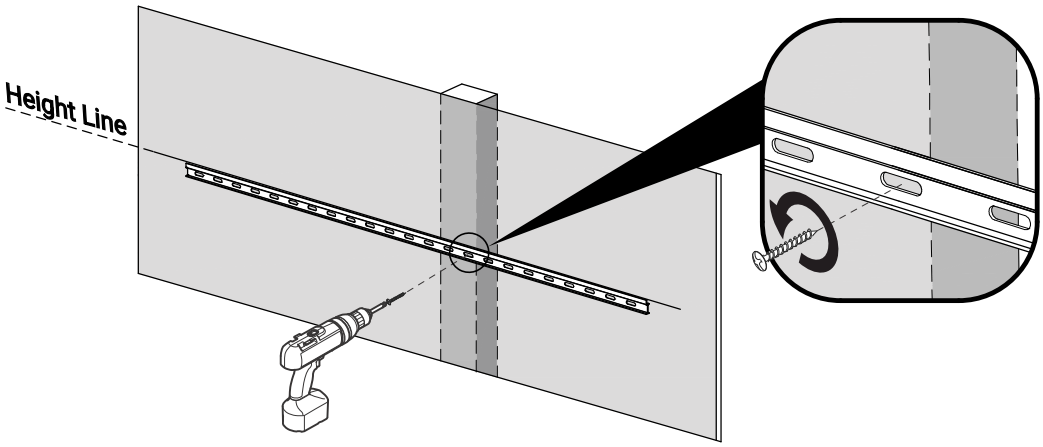
Toggles needed

- **No Stud Near a Vertical Panel Location**
  If a vertical panel location is more than 3” from the nearest stud, install a toggle anchor near that location.
- **No Stud Near the End of the Rail**
  If the end of the suspension rail extends beyond the nearest stud, install a toggle anchor near the end of the rail.
- **No Stud Near a Rail Joint**
  When joining two suspension rail sections, butt the rail ends tightly together and align the grooves and top edges. If a stud is not available near the joint, install a toggle anchor to provide additional support.

7. Temporarily Attach the Rail

- Locate a stud near the center of the suspension rail.
- Position the rail on the height line with the notched side facing upward and install one screw into the stud.

Leave the screw slightly loose to allow the rail to pivot.
This will allow you to verify alignment and mark any additional mounting locations as needed.

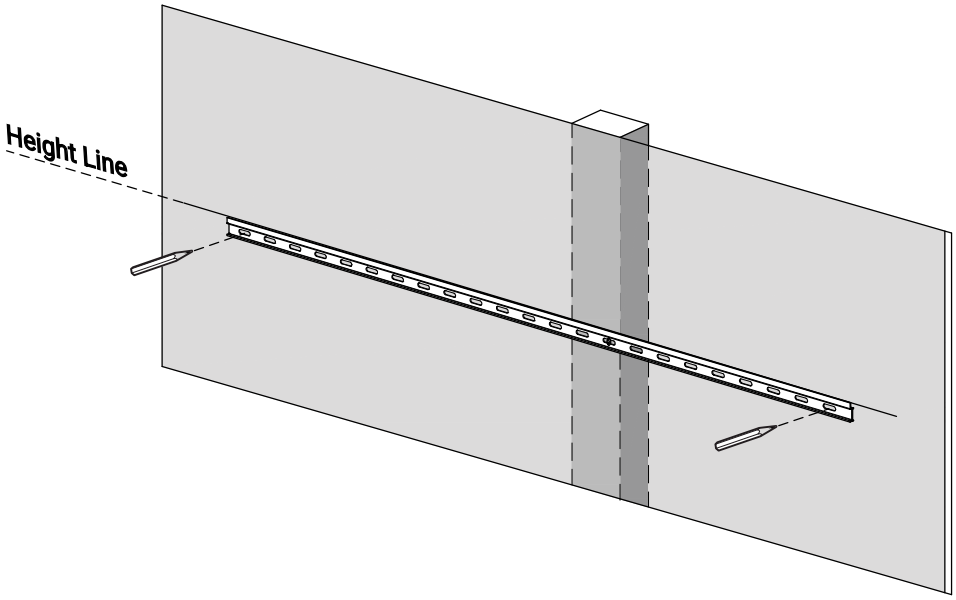


Rail Mounting

8. Mark Toggle Anchor Locations

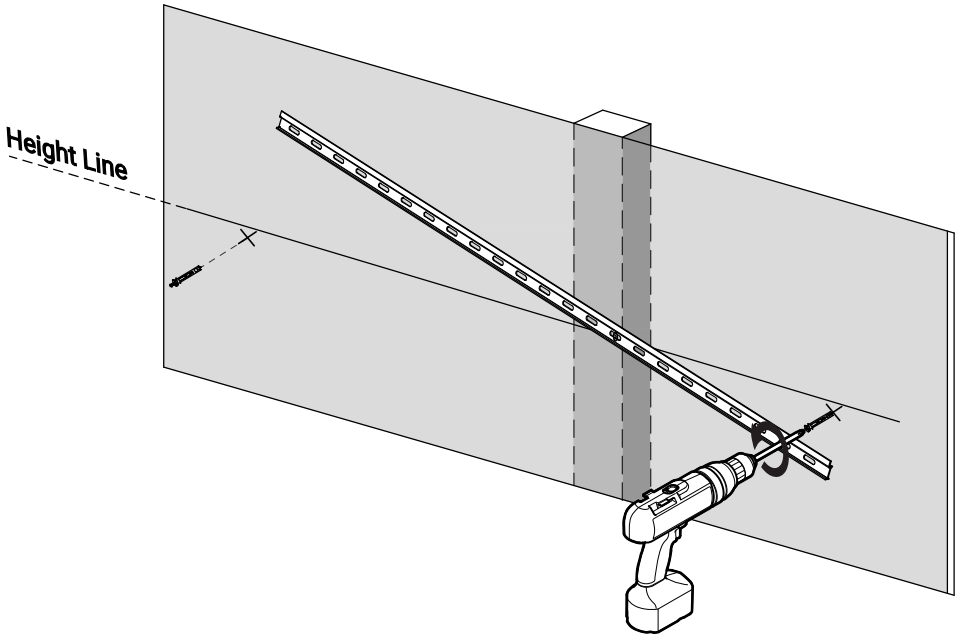
- Align the top of the suspension rail with the level reference line.
- Mark the wall through each rail hole where a toggle anchor will be installed.

If multiple rail sections are required, repeat this process for each section.

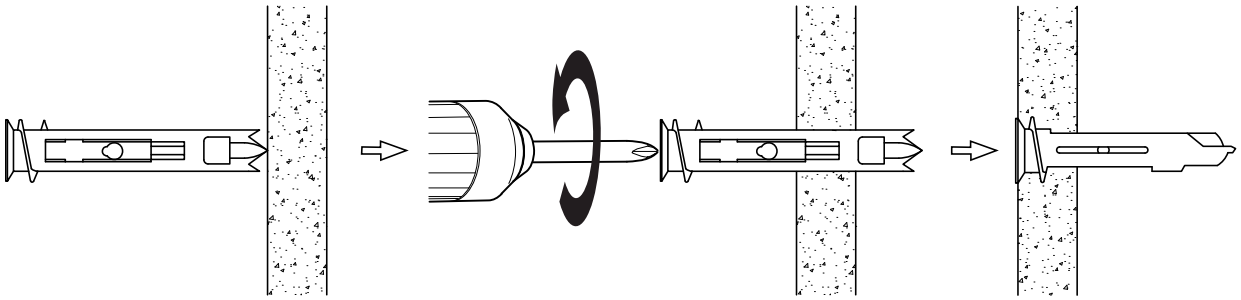


9. Install the Toggle Anchors

Remove the suspension rail, or pivot it out of the way, to access the marked toggle anchor locations.



Rail Mounting



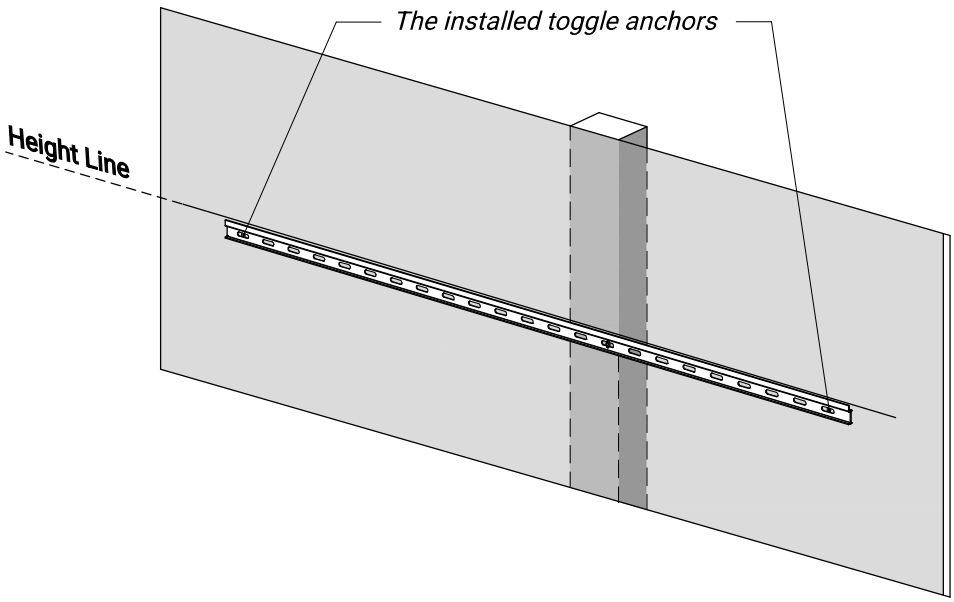
Position the toggle anchor at the marked location and apply light pressure to create a starting point.

Using a drill at low speed, install the toggle anchor until it sits flush with the wall surface.

Continue driving the anchor until the threads engage and the anchor is seated securely against the drywall.

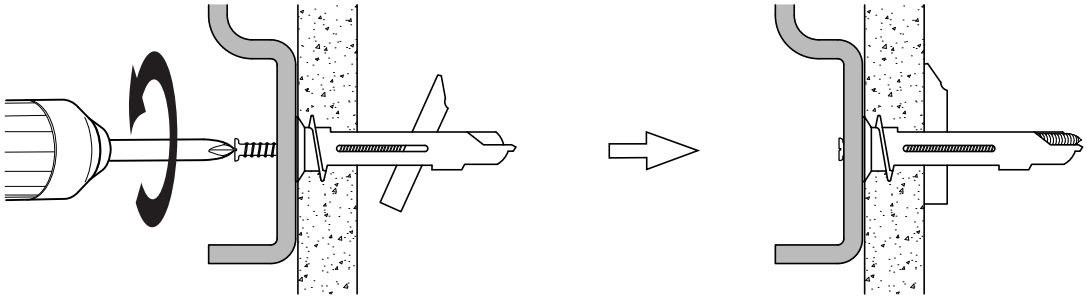
10. Secure the Rail to the Toggle Anchors

Reposition the suspension rail and align the rail holes with the installed toggle anchors.



Rail Mounting

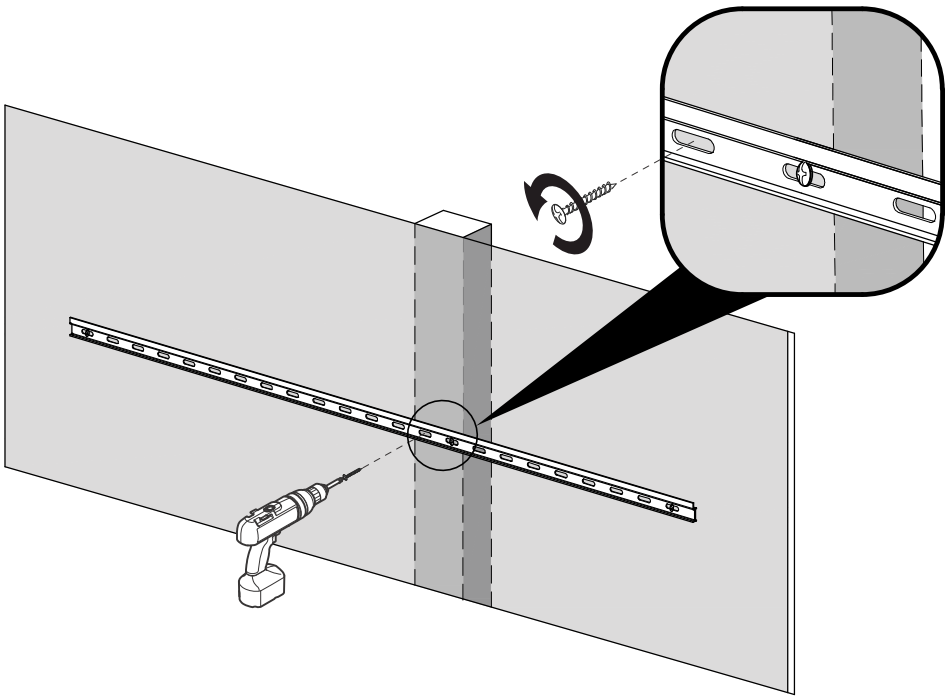
- Insert the toggle screw through the suspension rail and into the toggle anchor.
- Tighten the screw slowly until the anchor engages and pulls securely against the back of the wall.
- Tighten until the rail is secure.



Important:
Stop tightening once firm resistance is felt. Overtightening may damage the drywall or anchor.

11. Secure the Rail into the Studs

Fasten the suspension rail to each wall stud along the full length of the installation using the supplied rail screws.
Use two screws per stud whenever possible.
If needed, one screw may be installed at a slight angle to allow both screws to engage the same stud.
Ensure the rail remains aligned with the level reference line during installation.



Rail Mounting

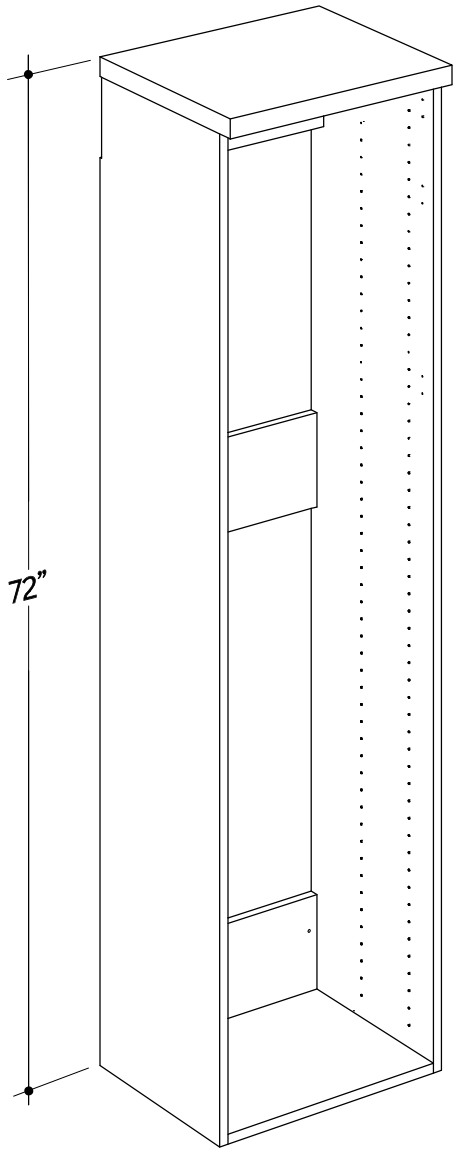
12. Final Check

Confirm the following:

- The suspension rail is level across the full installation.
- The rail is fastened to wall studs wherever possible.
- Toggle anchors are installed where additional support is needed.
- Rail joints and rail ends are properly supported.
- All fasteners are secure and not overtightened.

Once complete, the suspension rail installation is finished and the closet system is ready for the next step.

CABINET ASSEMBLY



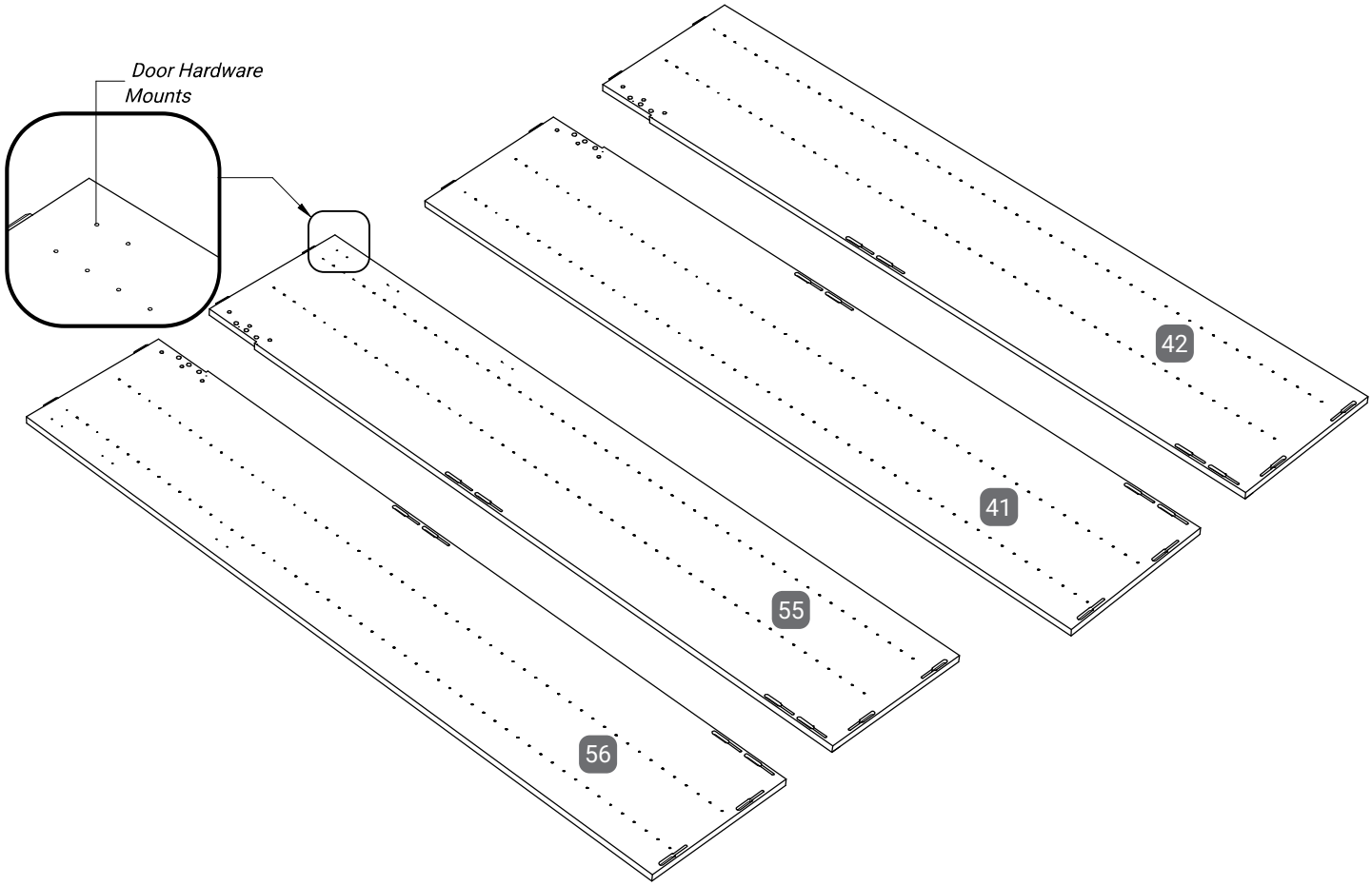
General Assembly Guidelines

- Two people are required for all cabinet frame assemblies.
- Always align components carefully—seat all Connector Pins fastener pins fully into the oval openings before sliding to lock.
- Begin with light pressure to guide parts into place, then apply firm pressure or light tapping as needed.
- Check that all components sit flush at each connection point to maintain alignment and stability.
- If resistance is felt, do not force components. Realign and try again to prevent damage.

Handle the assembled cabinet frame with care—while stable, the structure is not fully secured until mounted on the wall rail and anchored below.

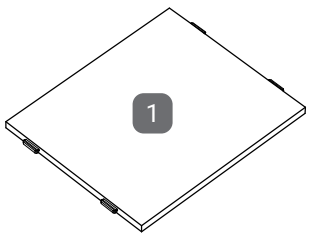
Preparation Steps

- Lay a protective blanket or cardboard packaging your product arrived in over your work surface to help protect the panels from damage.
- Select and set aside the Upright Panel set that matches your module height and configuration.

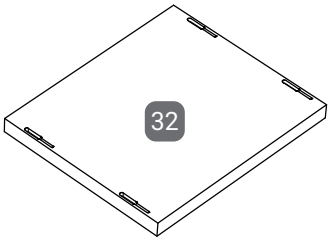


72" Upright Panel Left and Right

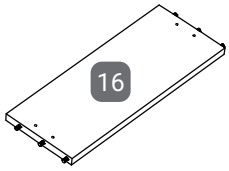
- Prepare the following components within easy reach:



Bottom Panel



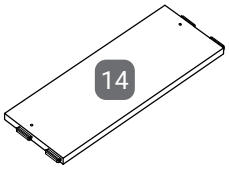
Top Panel



Top Cleat



Center Cleat



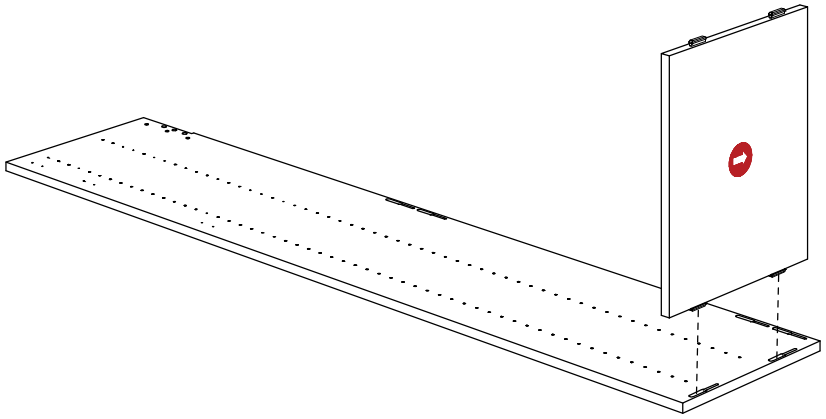
Bottom Cleat

- Confirm all parts match the correct width and finish.

Cabinet Assembly

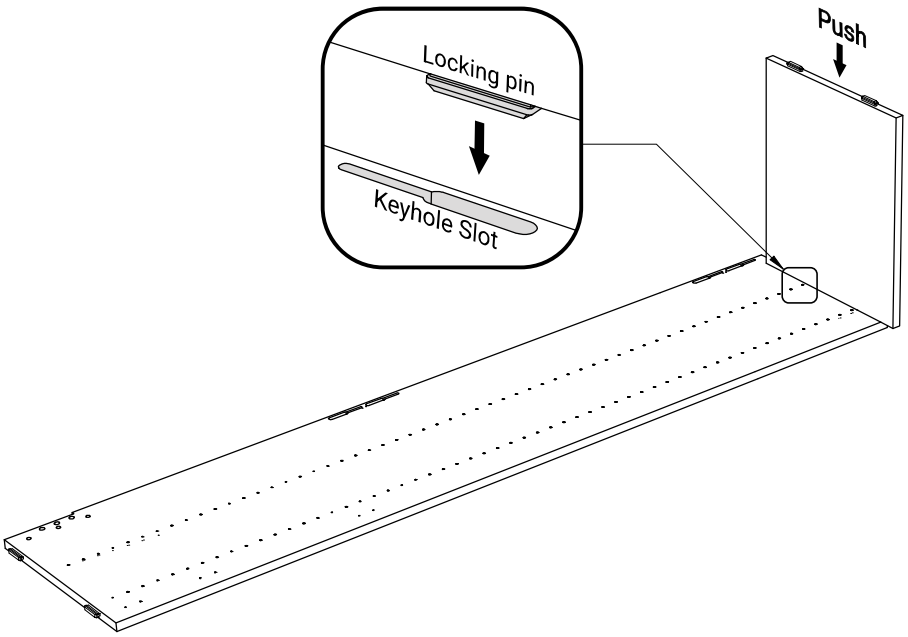
1. Attach Bottom Panel

- Place the first Upright Panel on a clean, flat surface with the Interior Face up and the front edge toward you.
- Position the Bottom Panel 1 at the bottom of the Upright Panel.
- Align all Connector Pins fastener pins on the Bottom Panel 1 with the matching keyhole slots in the Upright Panel.



The red arrow sticker identifies the slide-to-lock direction for the Bottom Panel

- Push the Bottom Panel 1 down until all pins are fully inserted into the oval openings.

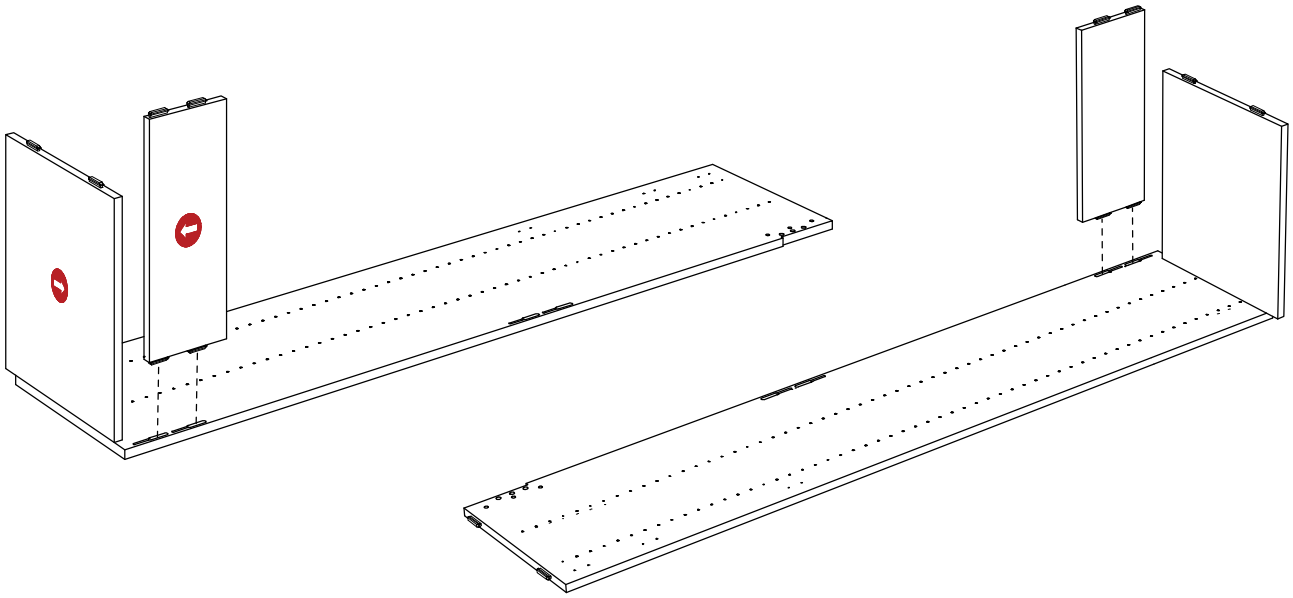


Leave this connection loose - slide only enough to hold the panel upright (do not lock yet).

Cabinet Assembly

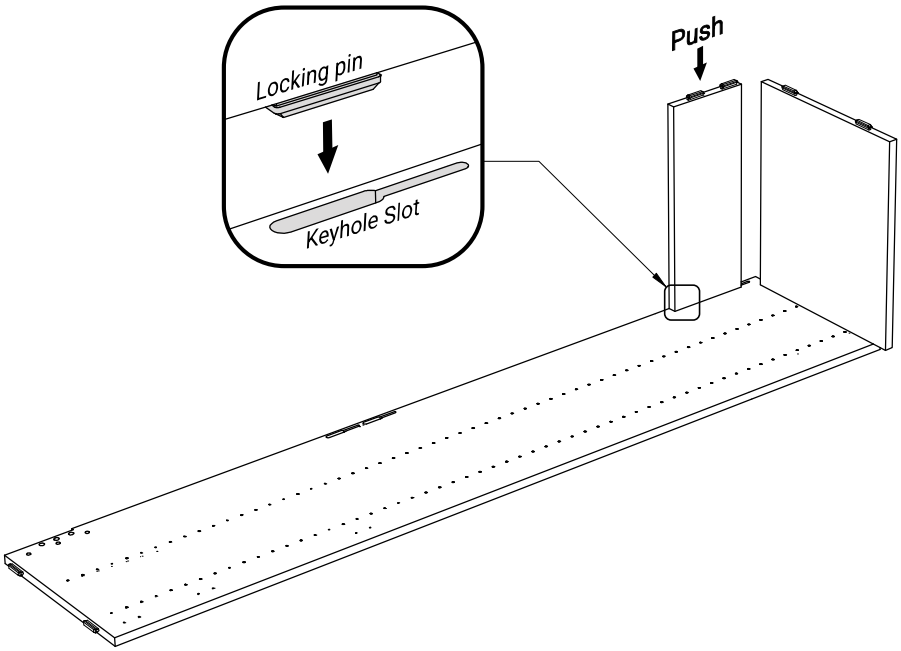
2. Attach Bottom Cleat

- Place the Bottom Cleat 14 at the rear of the same Upright Panel, near the bottom edge.
- Align the Connector Pins fastener pins on the Bottom Cleat 14 with the corresponding keyhole slots in the Upright Panel.



The red arrow sticker identifies the slide-to-lock direction for the Bottom Cleat

- Push the Bottom Cleat 14 down until all pins are fully inserted into the slots.

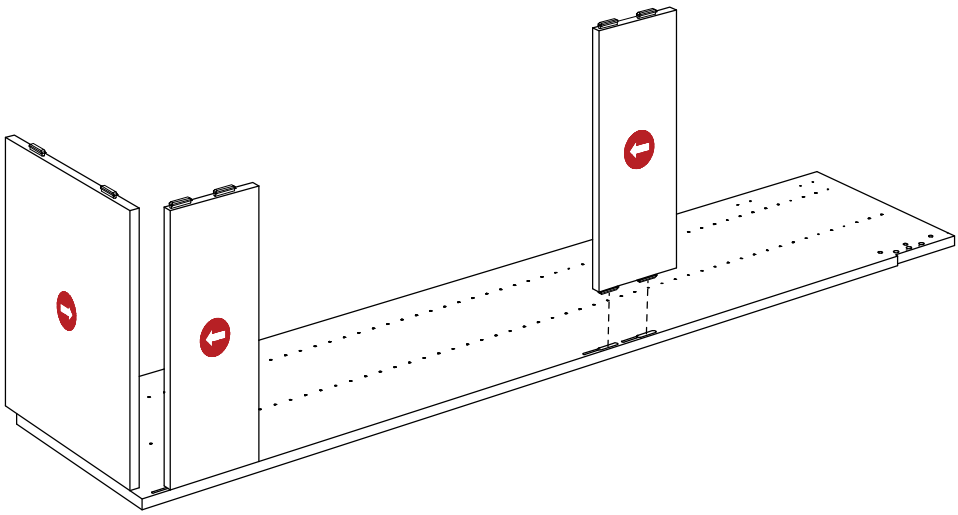


Leave this connection loose—slide only enough to stabilize the panel (do not lock yet).

Cabinet Assembly

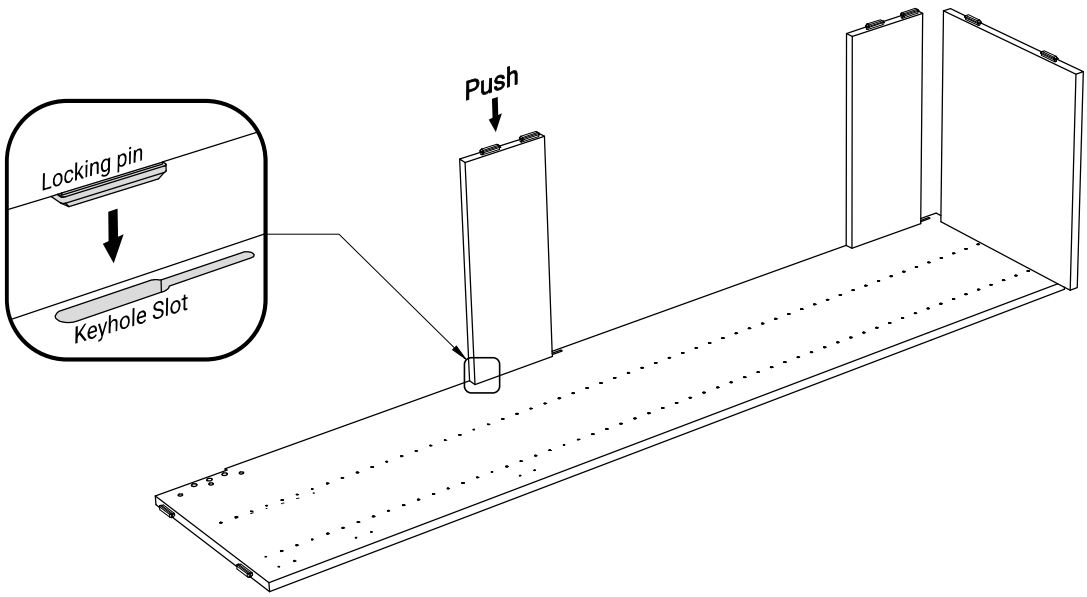
3. Attach Center Cleat

- Position the Center Cleat 15 at the center rear of the same Upright Panel.
- Align the metal dowels and wood dowels on the Center Cleat 15 with the pre-drilled holes in the Upright Panel.



The red arrow sticker identifies the slide-to-lock direction for the Center Cleat

- Press the Center Cleat 15 down until all pins are fully inserted into the slots.

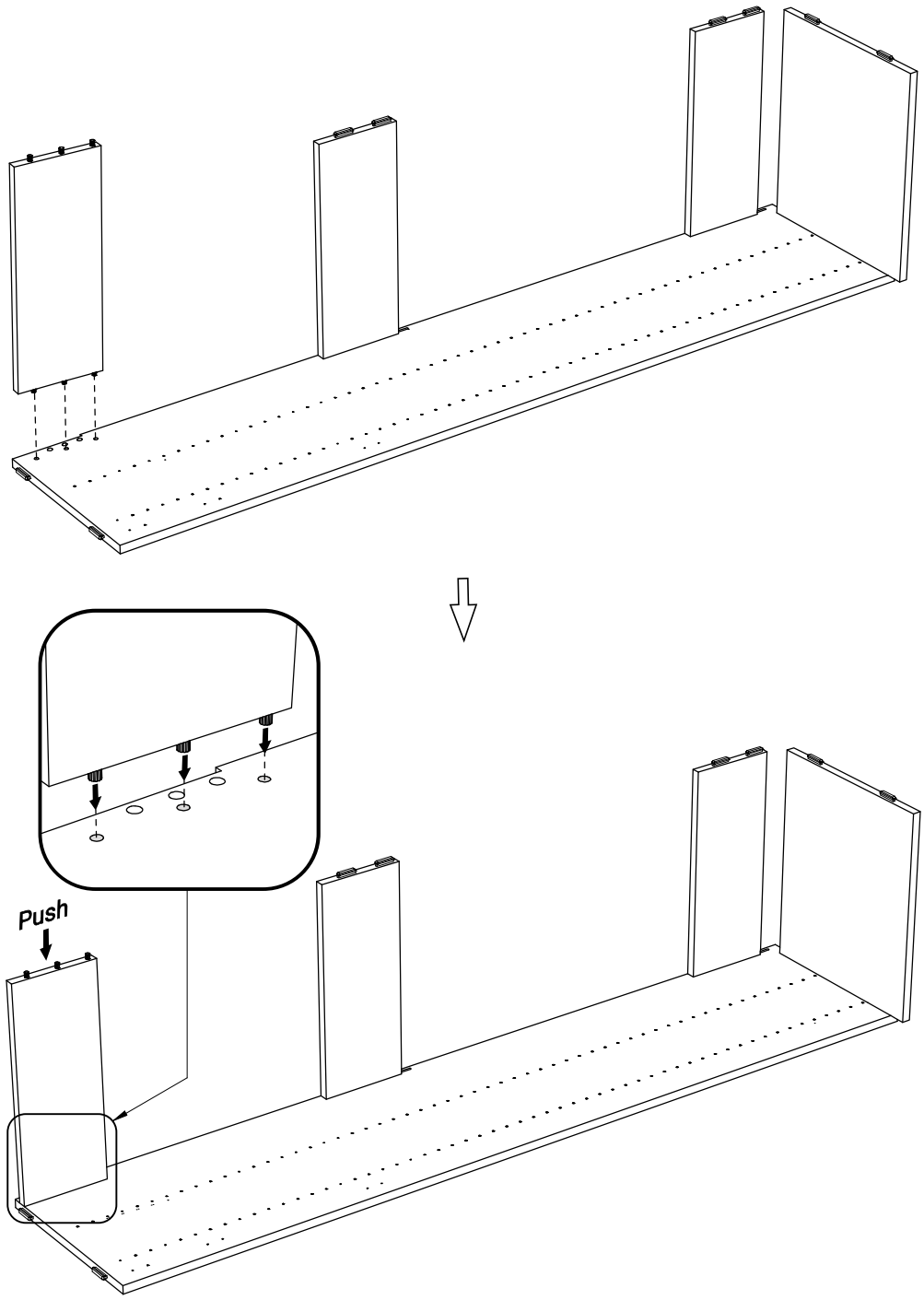


Leave this connection loose—slide only enough to stabilize the panel (do not lock yet).

Cabinet Assembly

4. Attach Top Cleat

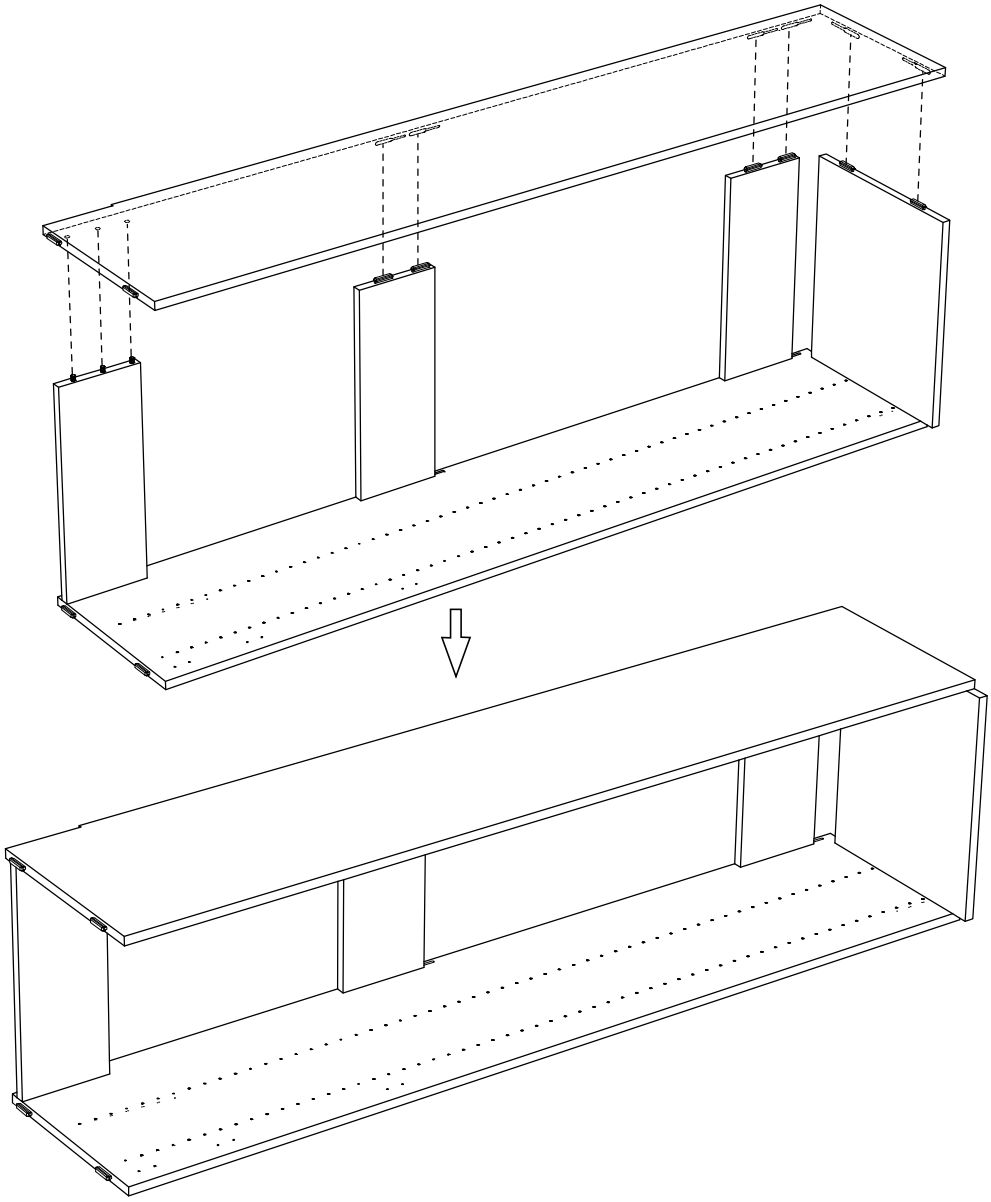
- Position the Top Cleat 16 at the top rear of the same Upright Panel.
- Align the metal dowels and wood dowels on the Top Cleat 16 with the pre-drilled holes in the Upright Panel.
- Press the Top Cleat 16 straight into the panel until all dowels are fully seated and the rear edge is tight.



Cabinet Assembly

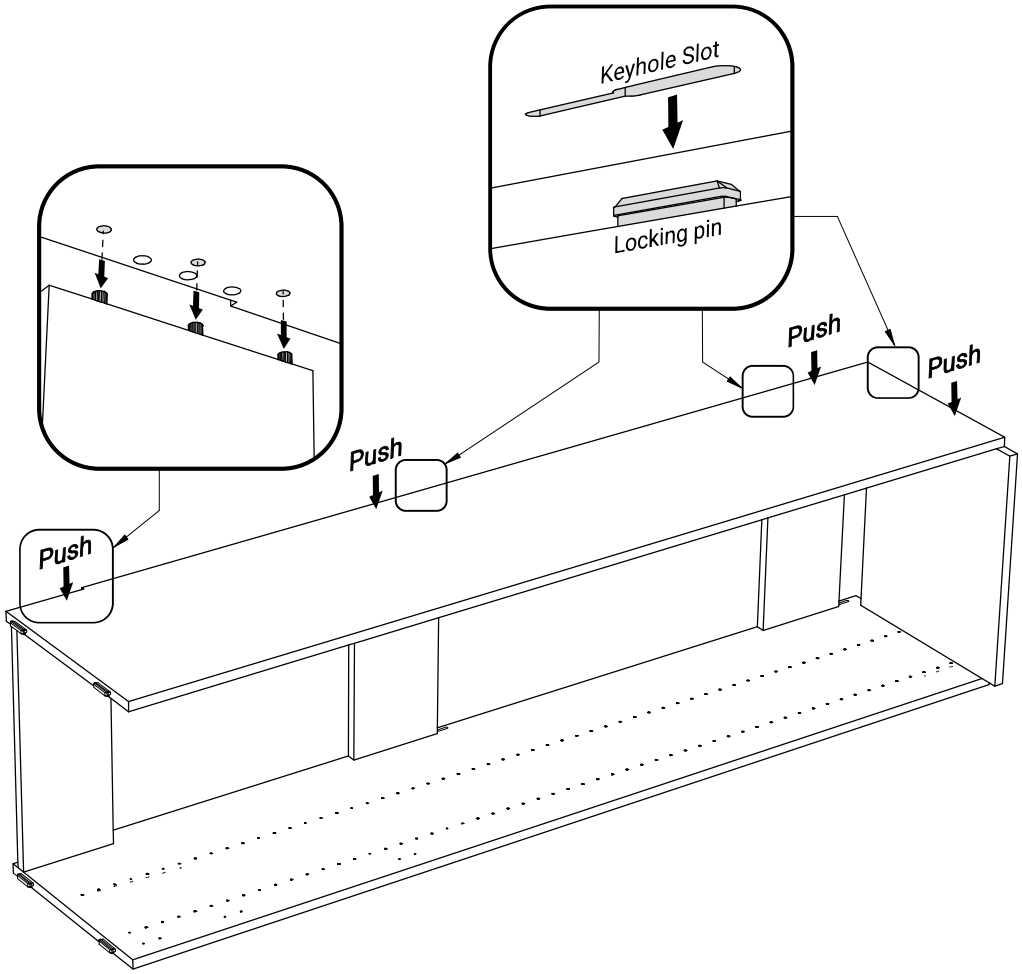
5. Attach Second Upright Panel

- Take the second Upright Panel and orient it so the Interior Face faces inward and the front edge aligns with the first panel.
- Position the second Upright Panel above the exposed ends of the:
  - Bottom Panel 1
  - Bottom Cleat 14
  - Center Cleat 15
  - Top Cleat 16
- Carefully lower the second Upright Panel, ensuring:
  - All Connector Pins fastener pins on the horizontal components enter the corresponding keyhole slots in the second Upright Panel.
  - All dowels from the Top Cleat 16 enter their corresponding holes in the second Upright Panel.



Cabinet Assembly

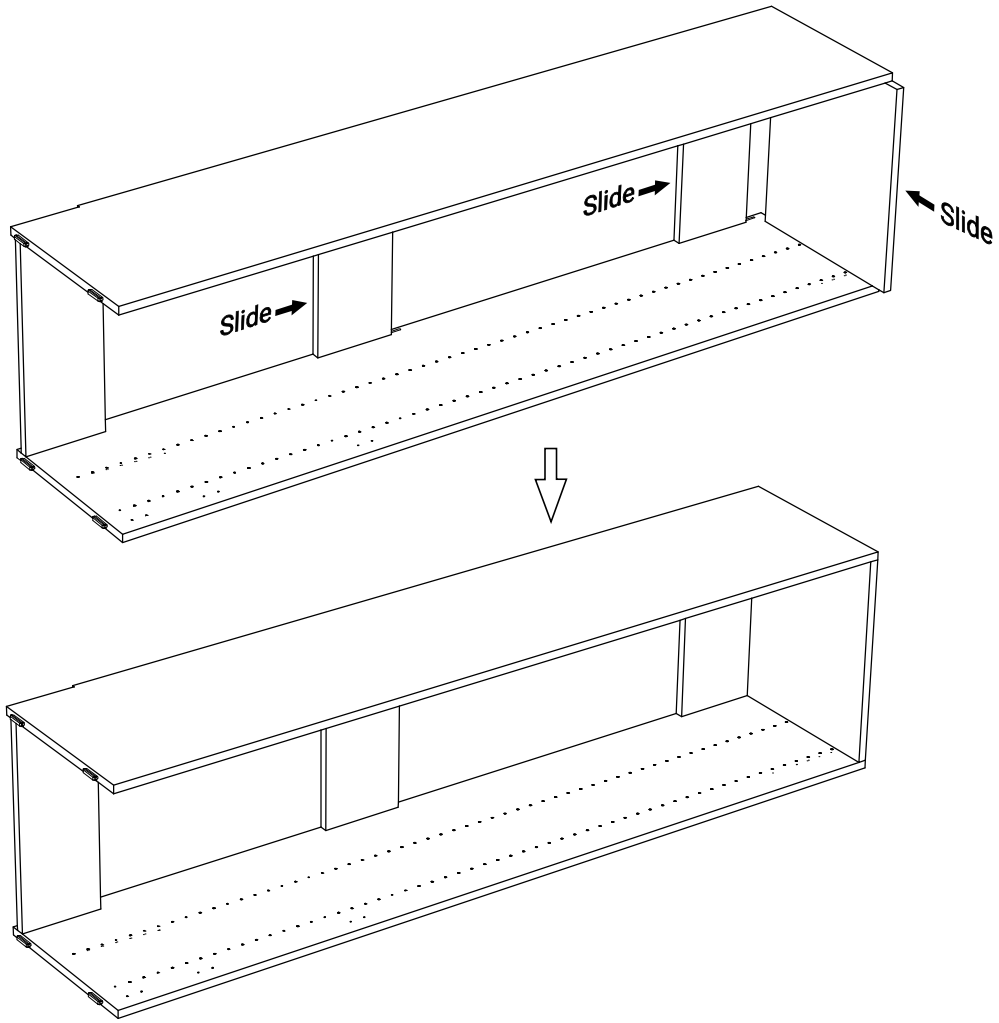
- Once everything is aligned, press the second Upright Panel down until all pins and dowels are fully inserted.
- At this stage, all connections remain in the loose position - nothing has been slid to lock yet.



Cabinet Assembly

6. Tighten Joints

- With both Upright Panels in place, begin tightening the connections in the following order:
  - Bottom Panel 1
  - Bottom Cleat 14
  - Center Cleat 15
  - Support the cabinet frame as needed.
  - Slide the component in the locking direction until the joint is fully seated and tight.

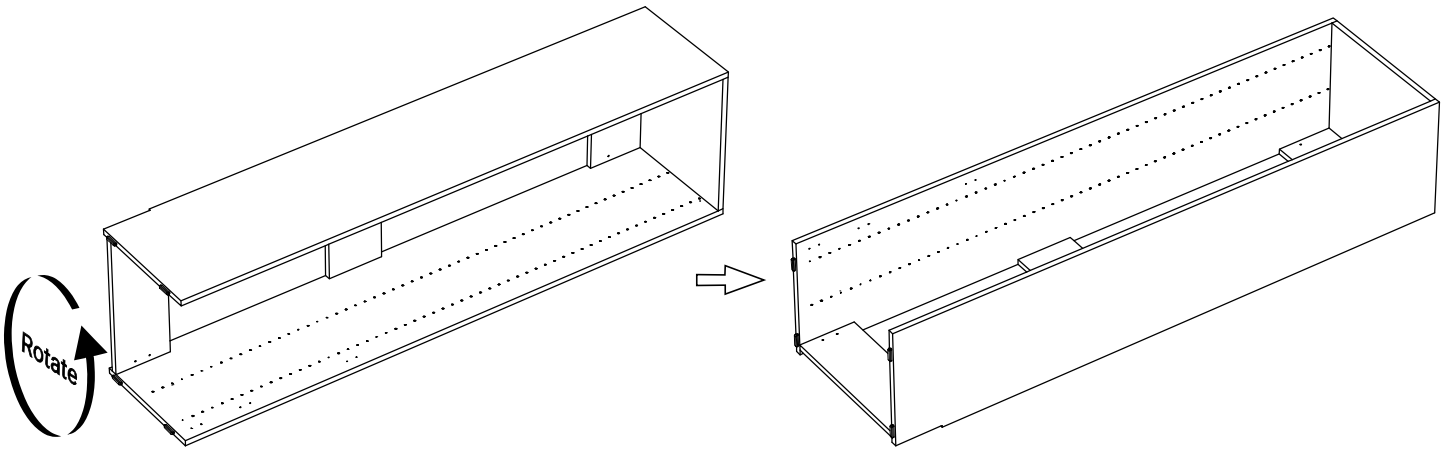


- After all components are locked, check that:
  - The two Upright Panels are parallel.
  - The front edges of the Bottom Panel and Upright Panels are flush.
  - The Bottom Cleat sits tight between the Upright Panels with no visible gaps at the joints.
  - The Top Cleat remains fully seated on its dowels.

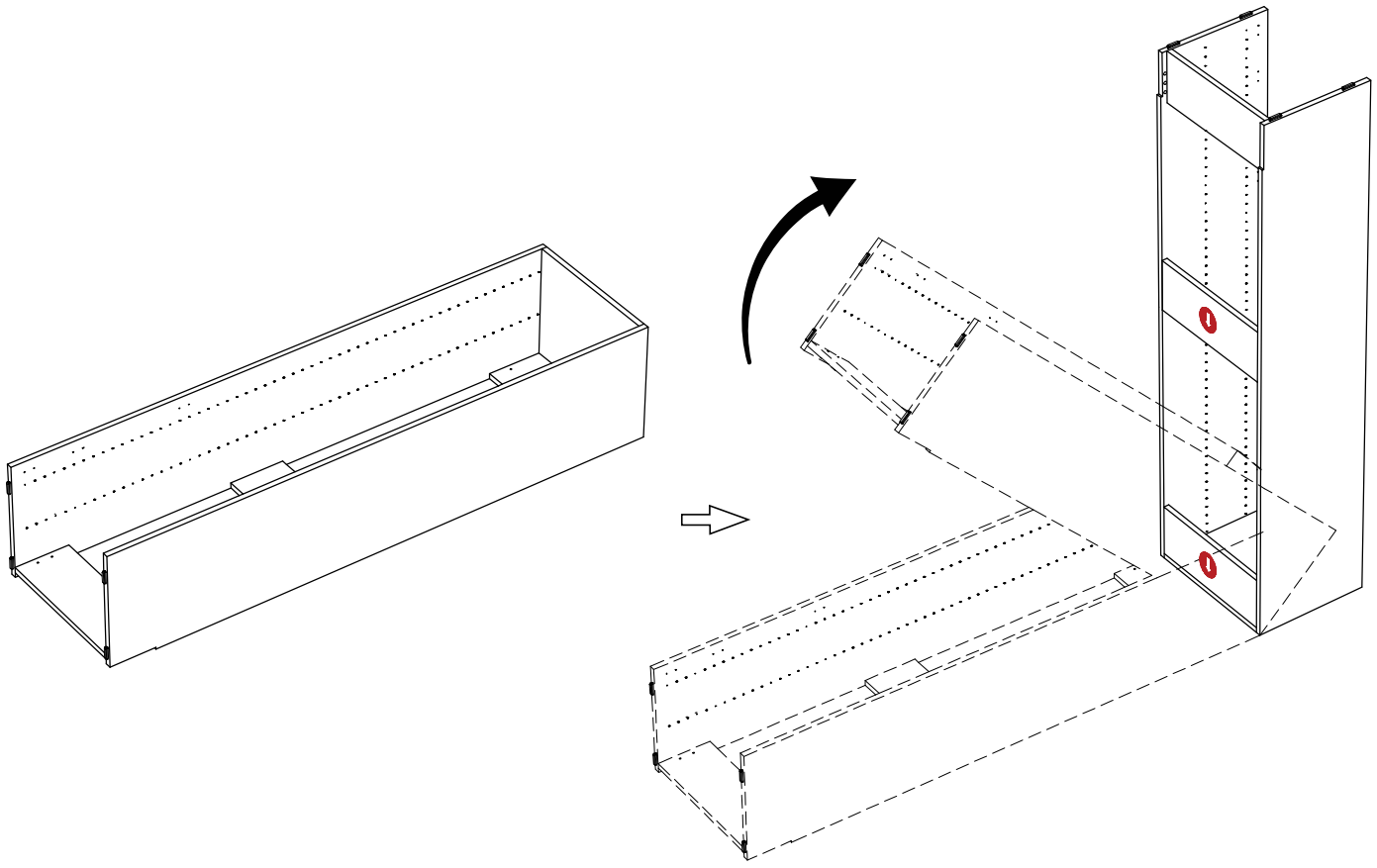
Cabinet Assembly

6. Rotate Cabinet Frame + Stand Upright (Before Top Panel Assembly)

- Confirm the Bottom Panel 1, Bottom Cleat 14, and Center Cleat 15 are fully locked and seated.
- Rotate the cabinet frame so it is laying on its side, resting on the cleats.



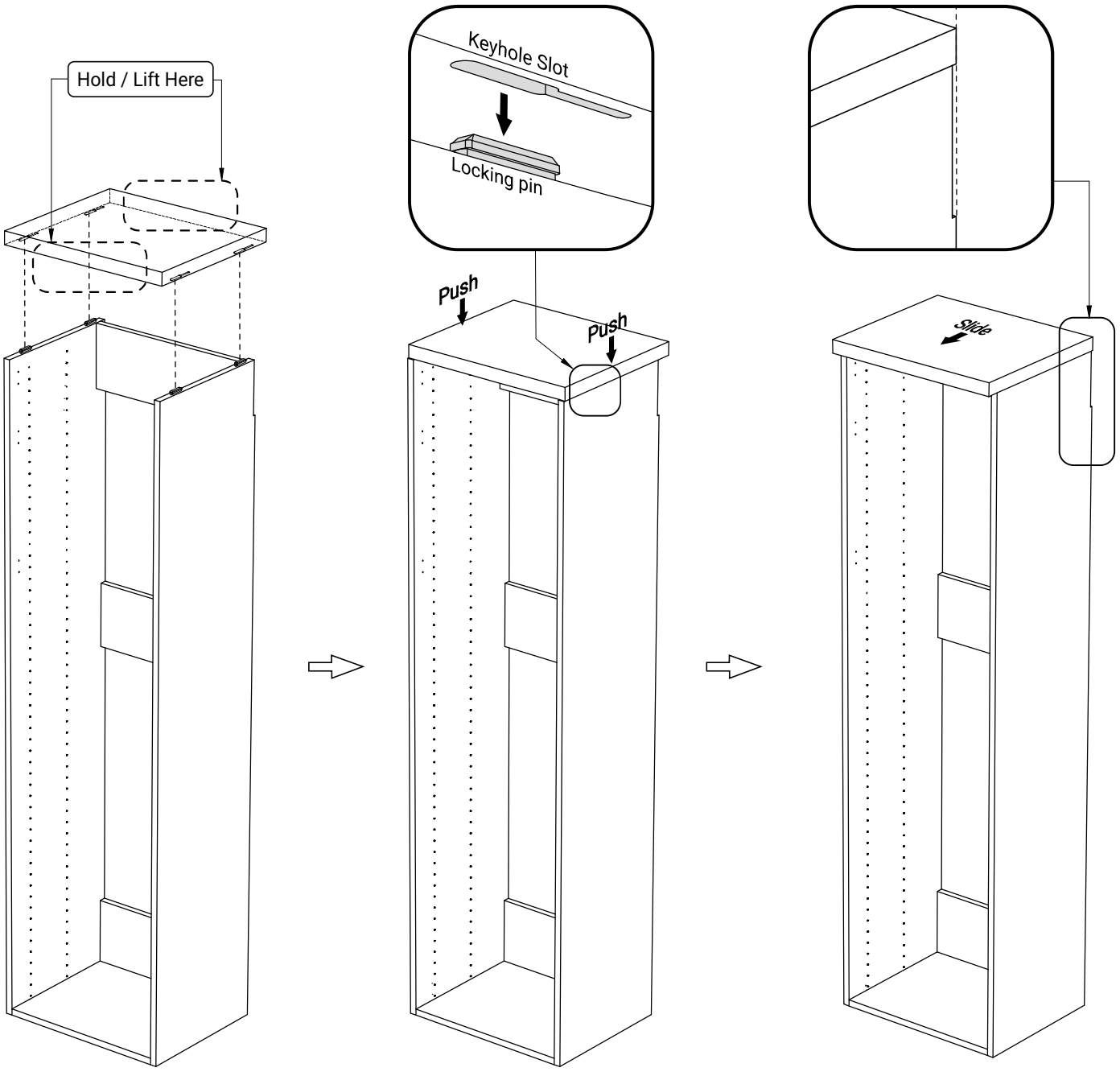
- Using a two-person lift, hold the cabinet frame at the Upright Panels and raise the module to the upright position.
- The Top Cleat 16 is not locked at this stage, so the cabinet must be lifted from the Upright Panels.



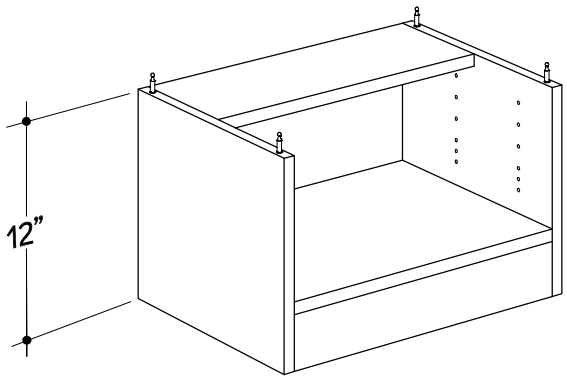
Cabinet Assembly

7. Attach Top Panel

- With the cabinet frame upright, position the Top Panel 32 across the tops of both Upright Panels.
- Align the Connector Pins fastener pins and slots (per drilling pattern) so each connection seats correctly into the Upright Panels.
- Push the Top Panel 32 downward so all pins fully enter the slots.
- Slide the Top Panel 32 in the locking direction until all joints are fully seated and tight.
- Confirm the back edges of the Top Panel and both Upright Panels are flush and the cabinet frame is rigid.



CABINET ASSEMBLY

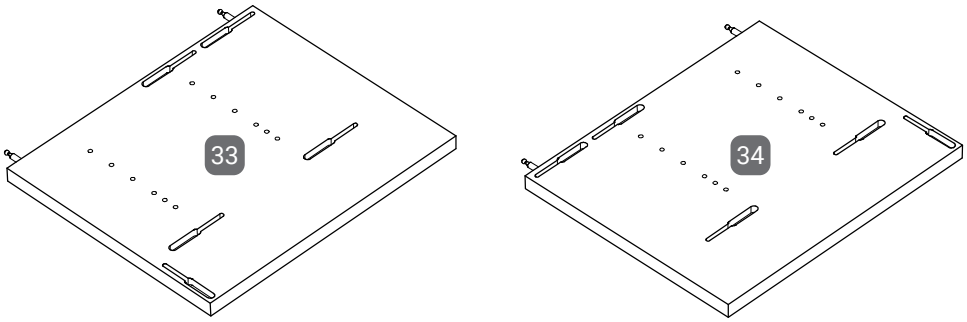


General Assembly Guidelines:

- Two people are required for all cabinet frame assemblies.
- Always align components carefully—seat all Connector Pins fastener pins fully into the oval openings before sliding to lock.
- Begin with light pressure to guide parts into place, then apply firm pressure or light tapping as needed.
- Check that all components sit flush at each connection point to maintain alignment and stability.
- If resistance is felt, do not force components. Realign and try again to prevent damage.
  Handle the assembled cabinet frame with care—while stable, the structure is not fully secured until mounted on the wall rail and anchored below.

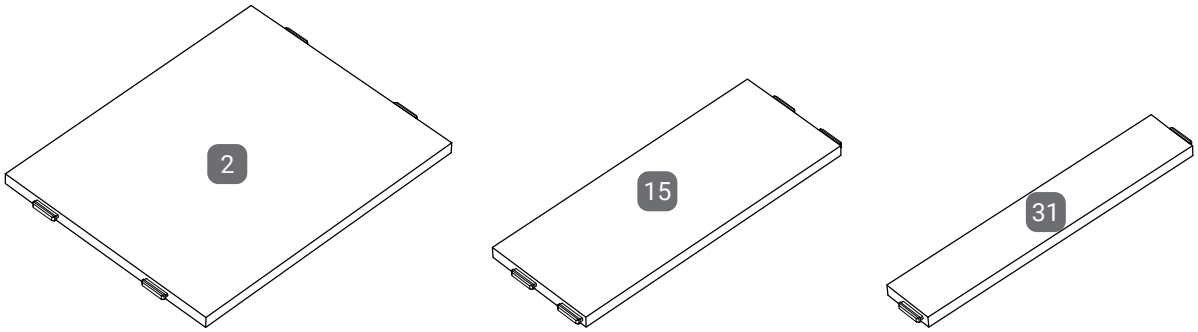
Preparation Steps

- Lay a protective blanket or cardboard packaging your product arrived in over your work surface to help protect the panels from damage.
- Select and set aside the Upright Panel set that matches your module height and configuration.



12” Upright Panel Left and Right

- Prepare the following components within easy reach:



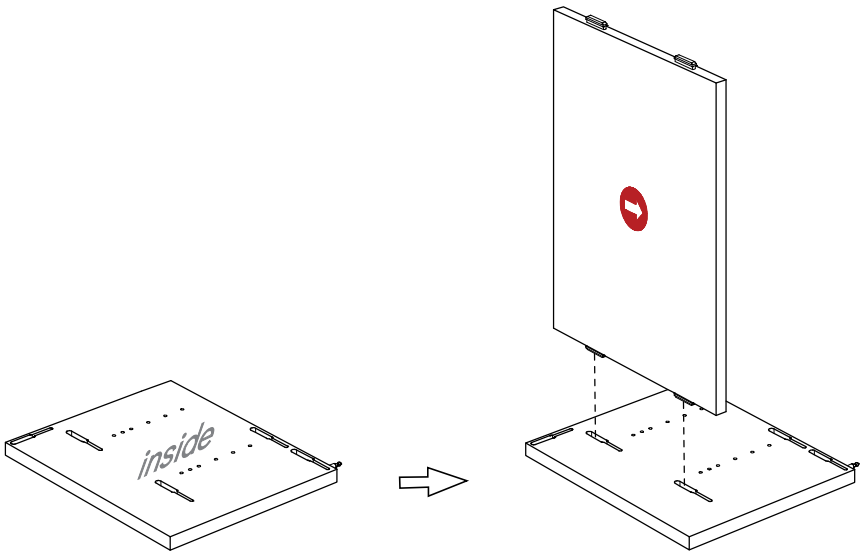
Bottom Panel 02 *Center Cleat* *Kick Board*

- Confirm all parts match the correct width and finish.

Cabinet Assembly

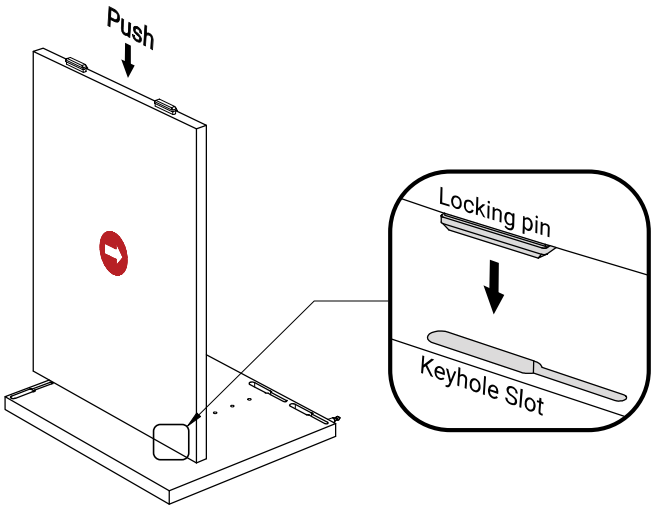
1. Attach Bottom Panel

- Place the first Upright Panel on a clean, flat surface with the Interior Face up and the front edge toward you.
- Position the Bottom Panel 02 2 at the bottom of the Upright Panel.
- Align all Connector Pins fastener pins on the Bottom Panel 02 2 with the matching keyhole slots in the Upright Panel.



The red arrow sticker identifies the slide-to-lock direction for the Bottom Panel 02

- Push the Bottom Panel 02 2 down until all pins are fully inserted into the oval openings.

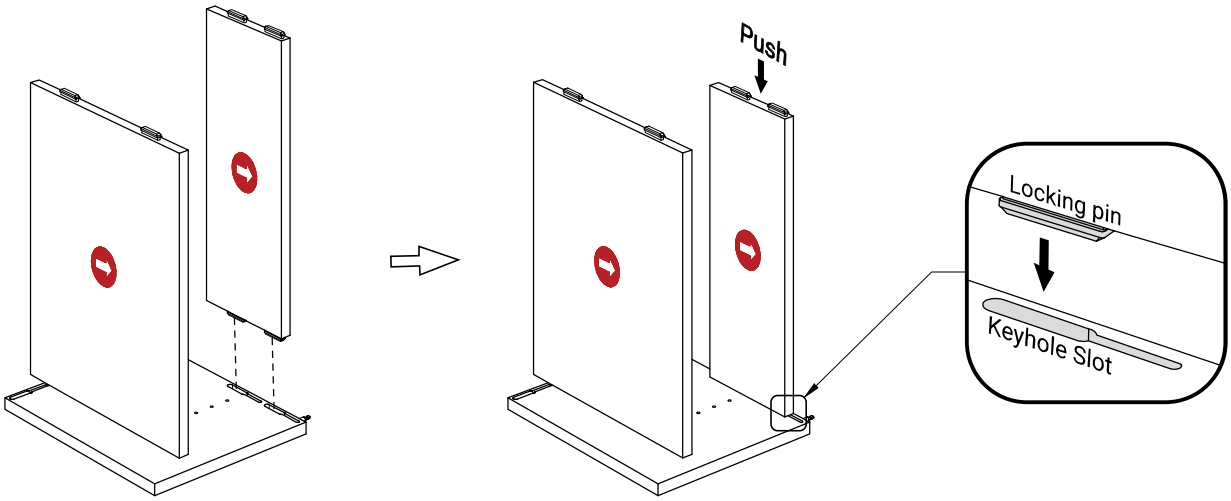


Leave this connection loose—slide only enough to stabilize the panel (do not lock yet).

Cabinet Assembly

2. Attach Center Cleat

- Place the Center Cleat 15 at the rear of the same Upright Panel, near the bottom edge.
- Align the Connector Pins fastener pins on the Center Cleat 15 with the corresponding keyhole slots in the Upright Panel.
- Push the Center Cleat 15 down until all pins are fully inserted into the slots.

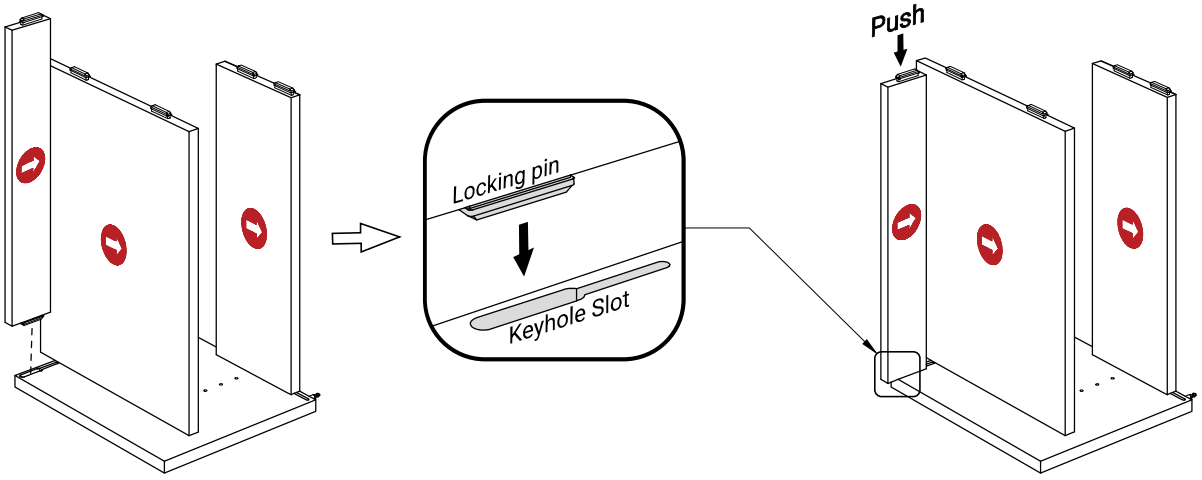


The red arrow sticker identifies the slide-to-lock direction for the Center Cleat

Leave this connection loose—slide only enough to stabilize the panel (do not lock yet).

3. Attach Kick Board

- Place the Kick Board 31 at the rear of the same Upright Panel, near the bottom edge.
- Align the Connector Pins fastener pins on the Kick Board 31 with the corresponding keyhole slots in the Upright Panel.
- Push the Kick Board 31 down until all pins are fully inserted into the slots.



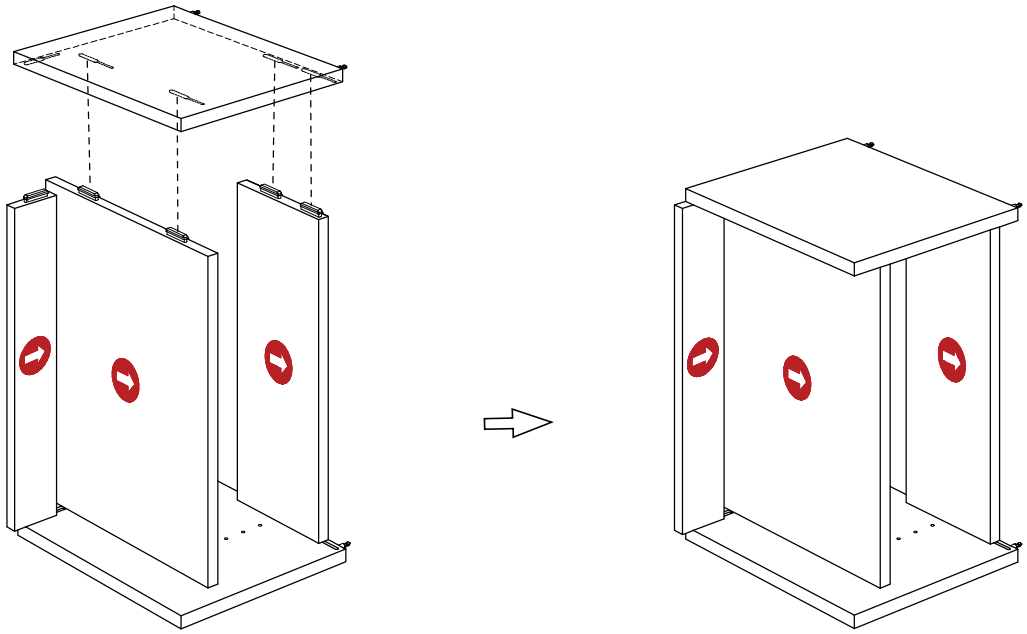
The red arrow sticker identifies the slide-to-lock direction for the Kick Board

Leave this connection loose—slide only enough to stabilize the panel (do not lock yet).

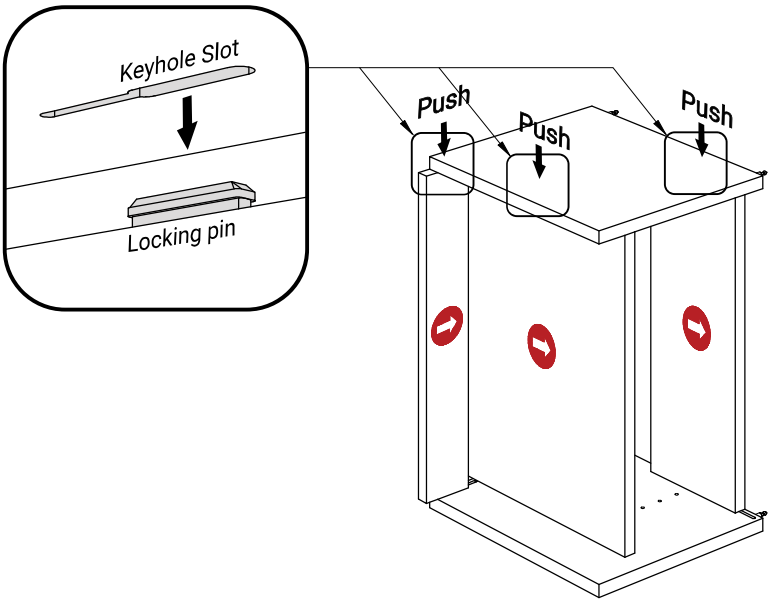
Cabinet Assembly

4. Attach Second Upright Panel

- Take the second Upright Panel and orient it so the Interior Face faces inward and the front edge aligns with the first panel.
- Position the second Upright Panel above the exposed ends of the:
  - Bottom Panel 02 2
  - Center Cleat 15
  - Kick Board 31
- Carefully lower the second Upright Panel, ensuring all Connector Pins fastener pins on the horizontal components enter the corresponding keyhole slots in the second Upright Panel.



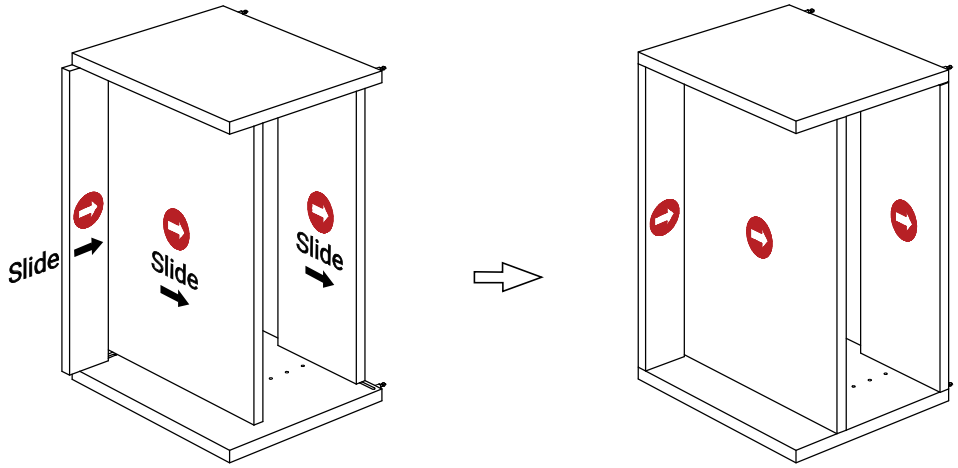
- Once everything is aligned, press the second Upright Panel down until all pins and dowels are fully inserted.
- At this stage, all connections remain in the loose position - nothing has been slid to lock yet.



Cabinet Assembly

5. Tighten Joints

- With both Upright Panels in place, begin tightening the connections in the following order:
  - Bottom Panel 02 2
  - Center Cleat 15
  - Kick Board 31
- For each panel:
  - Support the cabinet frame as needed.
  - Slide the component in the locking direction until the joint is fully seated and tight.

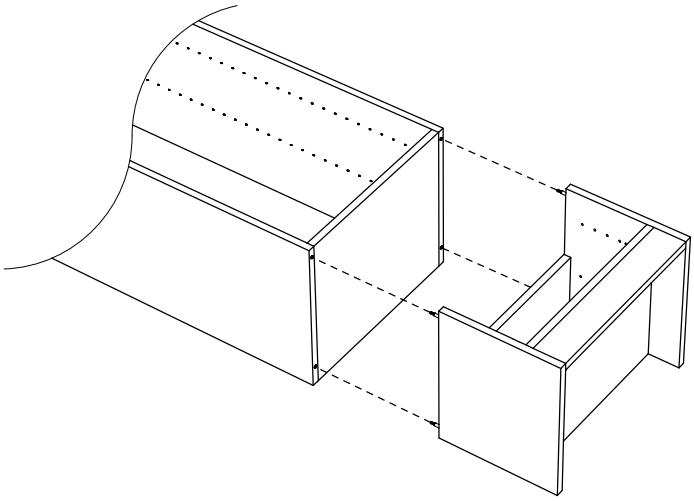


- After all components are locked, check that:
  - The two Upright Panels are parallel.
  - The front edges of the Bottom Panel 02 and Upright Panels are flush.
  - The Center Cleat and Kick Board sits tight between the Upright Panels with no visible gaps at the joints.

6. Attach Bottom Module to Main Cabinet

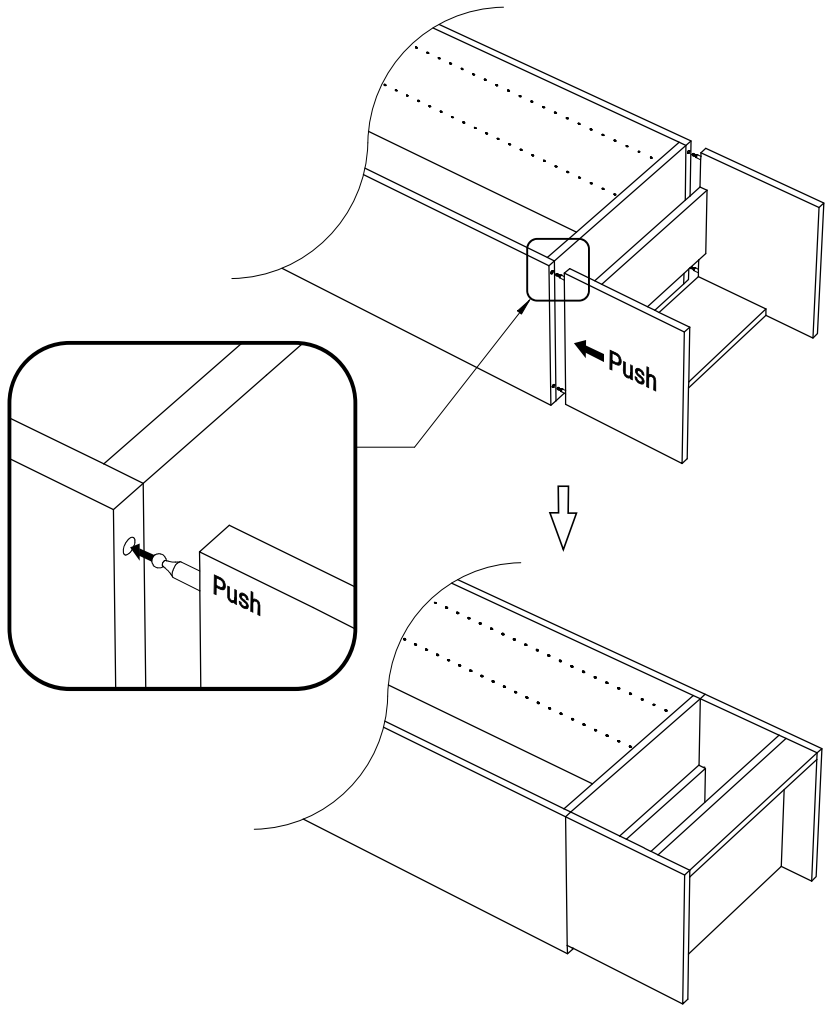
Ensure both the main cabinet and bottom module are fully assembled and empty.

- Lay both cabinets on their sides, resting on the nailer panels, on a protected floor surface.
- Align the pre-installed pinlocks (pins) with the pinhole receivers at the bottom of the main cabinet.



Cabinet Assembly

- Push the two cabinets together straight and evenly until the pinlocks engage. Engagement is confirmed by a firm seated feel.



Important:

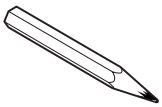
- Do not attempt to engage the pinlocks while the cabinet is upright. This connection must be made with both units lying flat.
- Using a two-person lift, bring the combined assembly into the upright position while supporting the full structure.

Note:

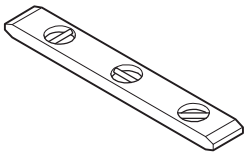
The pinlock system provides alignment only. Final load support is achieved through wall mounting and the bottom module resting on the floor.

Cabinet Mounting Guide

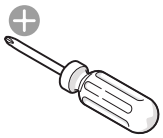
Required Tools



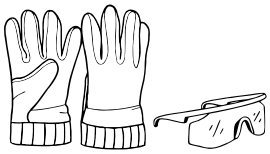
Pencil



Level



Screwdriver or impact driver

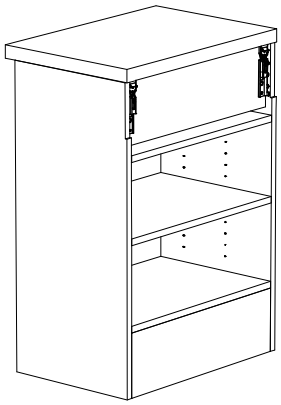


Safety glasses & gloves

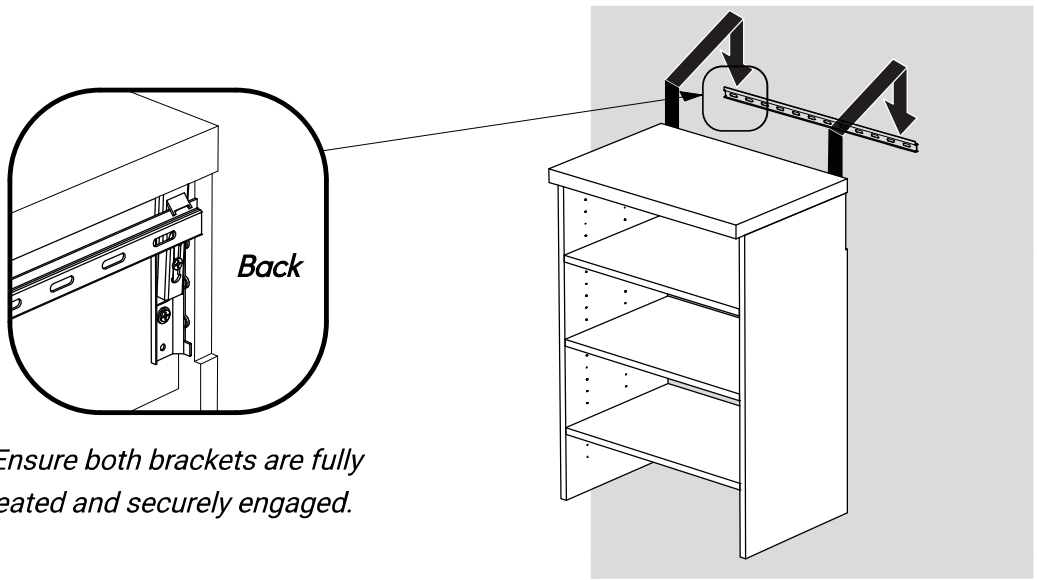
Installation Steps

1. Mount Cabinet to Suspension Rail

- Verify the suspension brackets are pre-installed inside the upright panels.



- Lift the cabinet and hook both brackets onto the suspension rail.

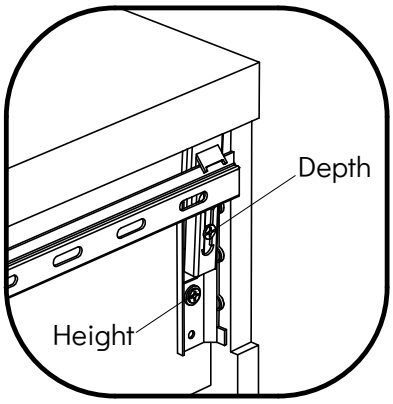


Ensure both brackets are fully seated and securely engaged.

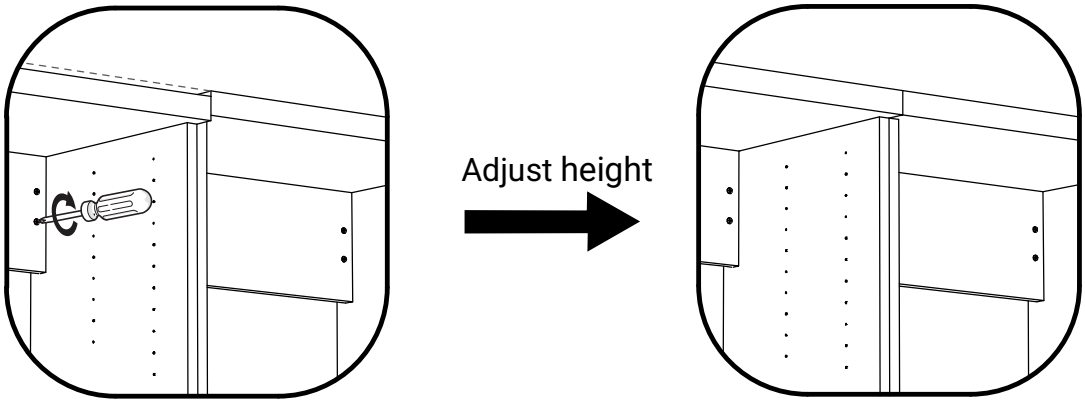
Installation Steps

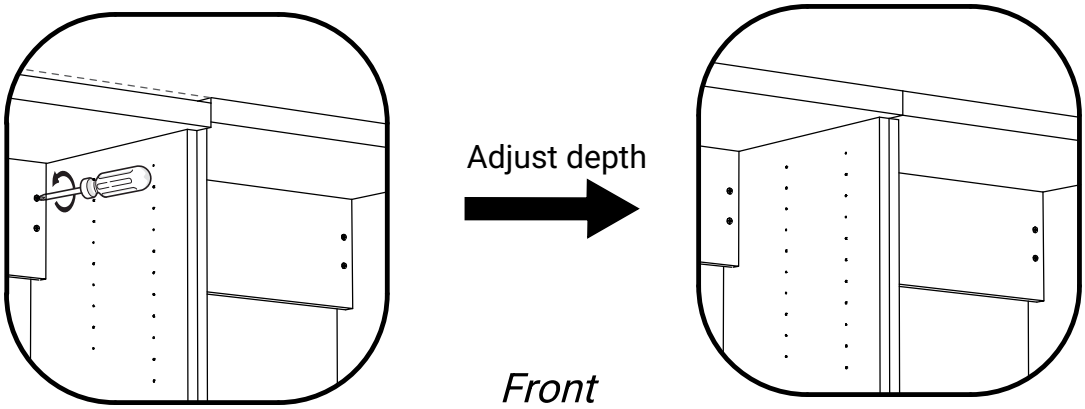
2. Level and Position Cabinet

- Adjust height (bottom screw) and depth (top screw).



Back





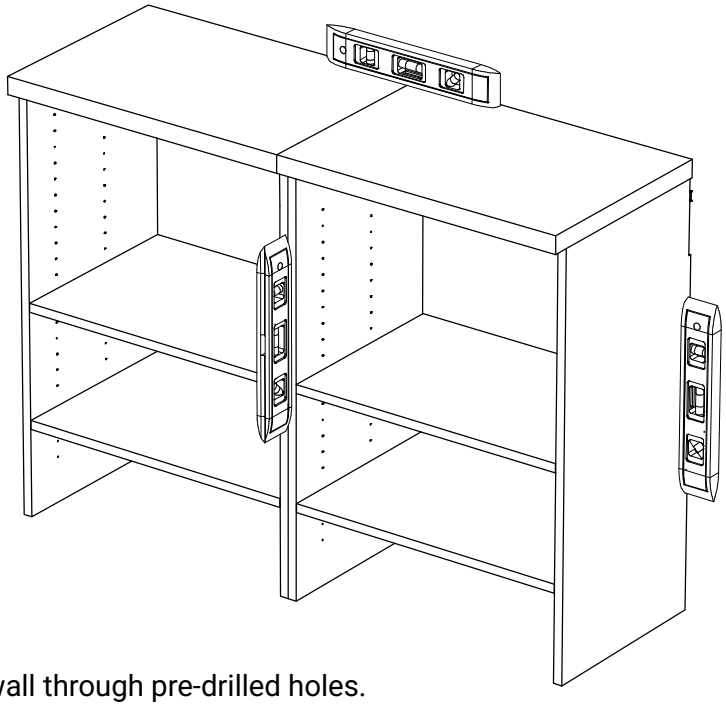
Front

- Repeat the mounting and adjustment process for all remaining cabinets.

Installation Steps

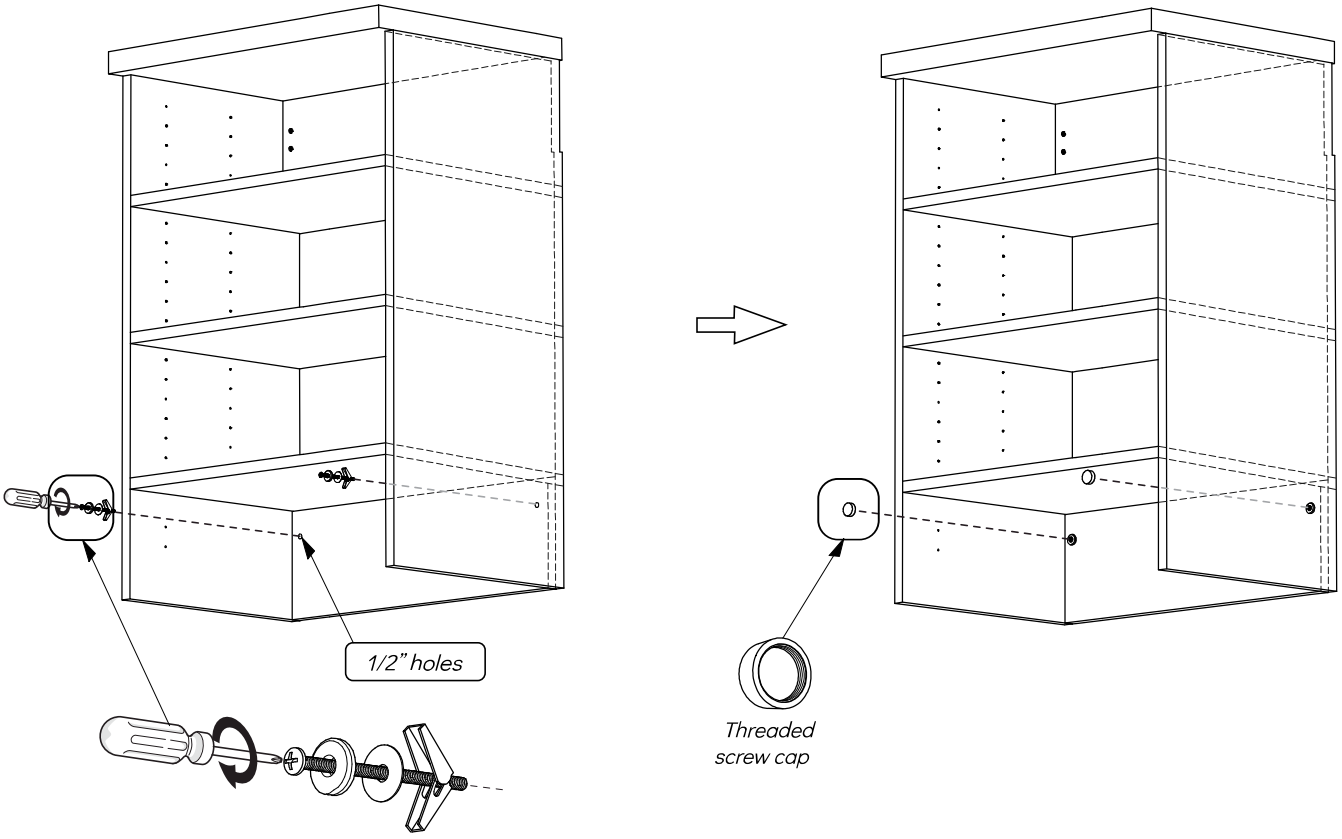
3. Final Cabinet Alignment

Verify all cabinets are level, plumb, and properly aligned.



4. Bottom Nailer Anchoring

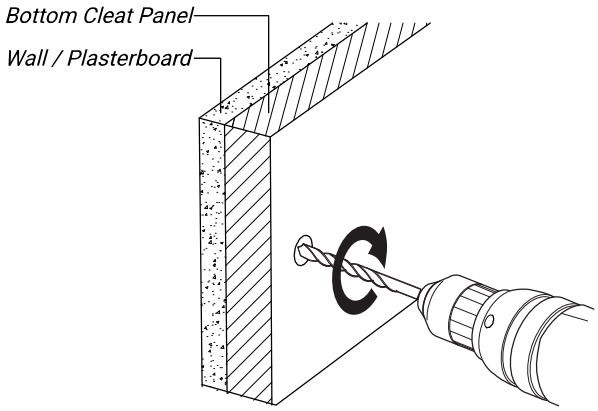
Anchor Bottom Cleat to wall through pre-drilled holes.



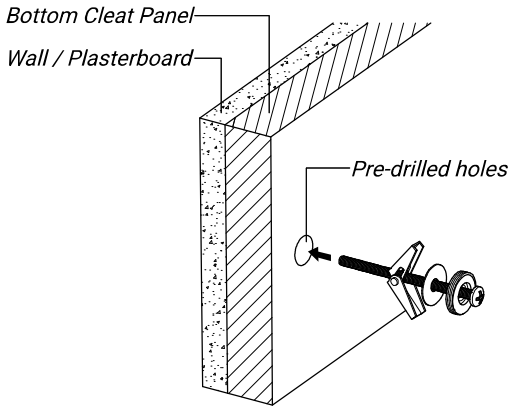
Installation Steps

Drywall Anchor Installation Detail

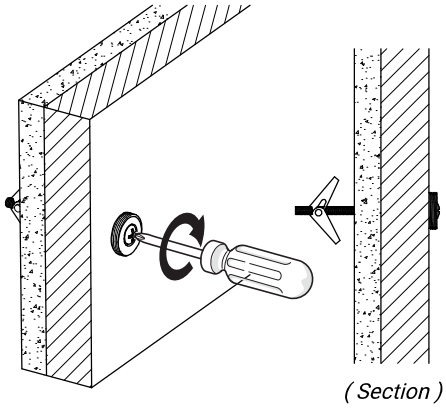
1. Drill a 1/2” hole through the wall surface.



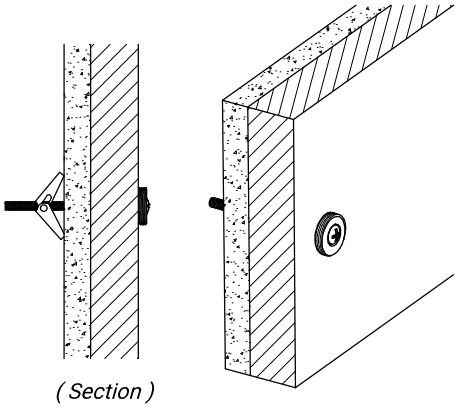
2. Insert folded butterfly anchor through the Bottom Cleat and wall.



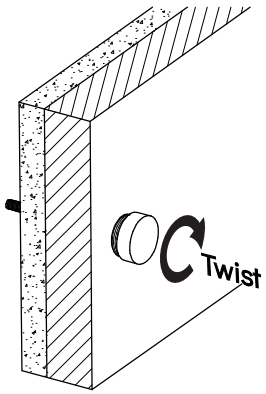
3. Tighten screw until anchor fully expands behind wall surface.



4. Do not overtighten.



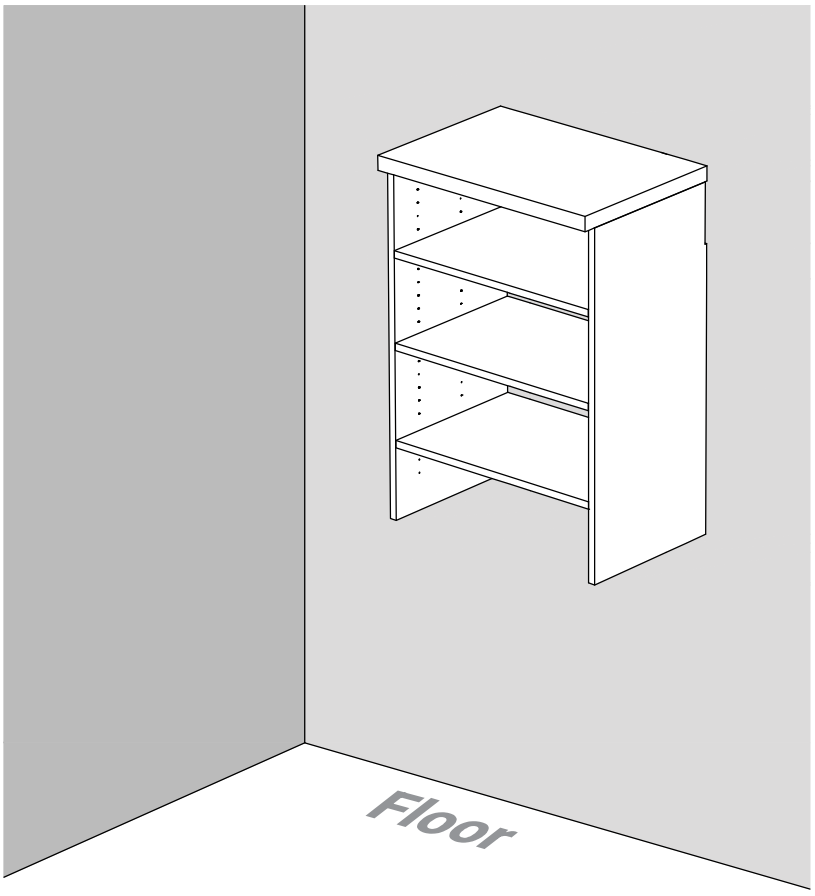
5. Install Screw Cap



Installation Steps

5. Final Safety Check

- Confirm all connections are tight; cabinet fully seated on rail.



Wall Type Reference Table

Wall Type	Recommended Fasteners	Notes
Drywall + Wood Stud	#10 wood screws into studs	Do not use anchors alone
Concrete / Masonry	Masonry anchors or wall plugs + stainless screws	Drill with masonry bit
Metal Stud	Self-drilling metal screws or toggle bolts rated for load	Pre-drill to avoid stud deformation

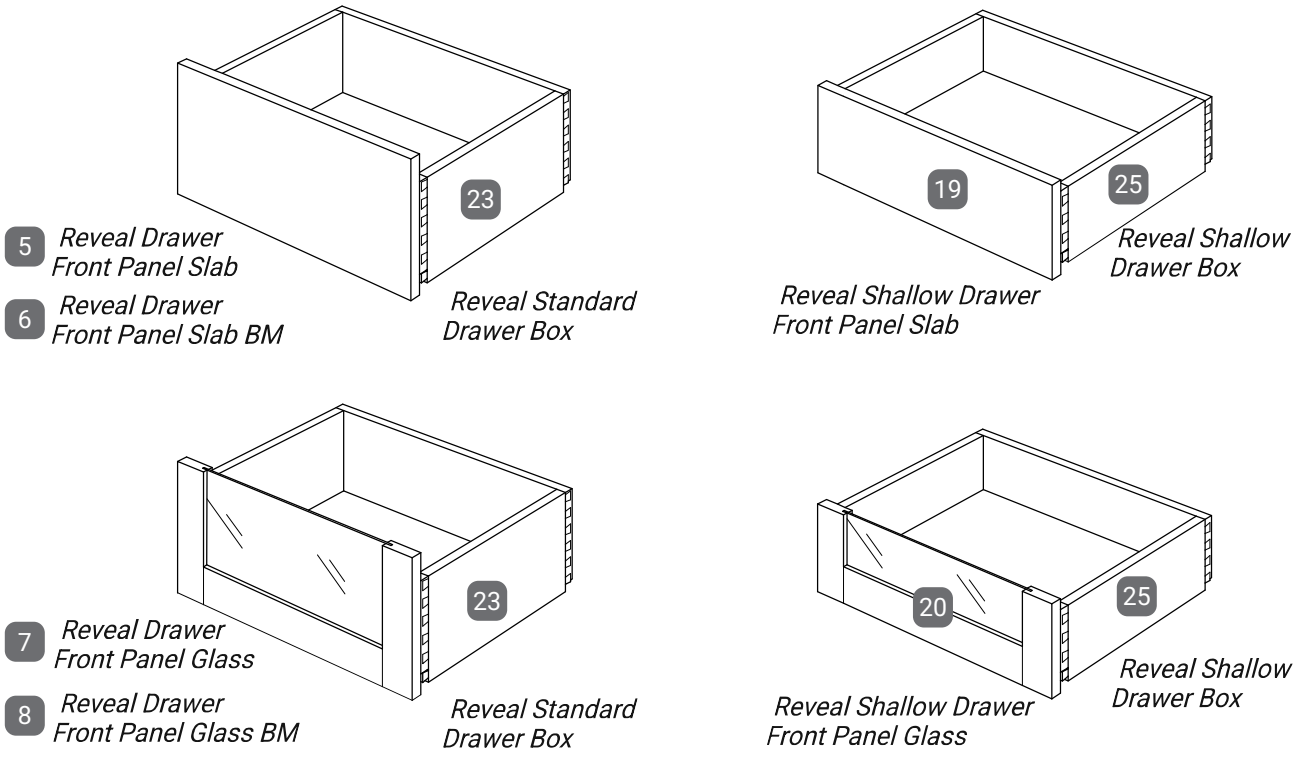
⚠ Notes:

- Safe load depends on proper fasteners and wall type.
- Always use two installers.
- Refer to Hettich technical sheets for load limits.

DRAWER ASSEMBLY REVEAL

System Overview

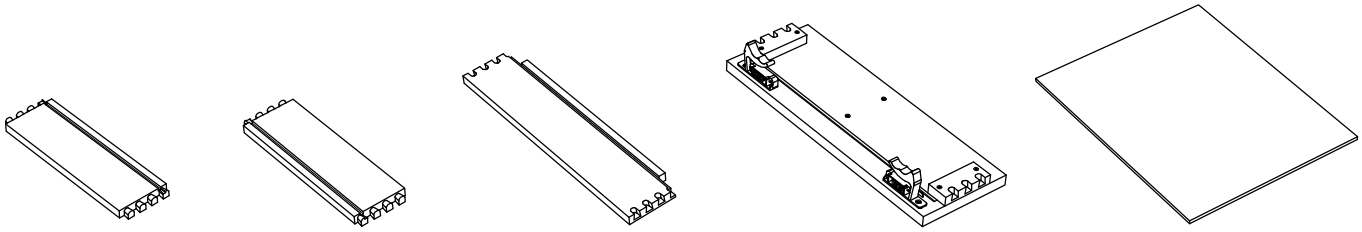
This guide covers the assembly of the solid-wood drawer box using pre-cut dovetail joinery.
All components are designed to assemble **without fasteners.**
Drawer box heights and styles:



Select and set aside the Drawer box and Drawer front panel that matches your drawer height and style configuration.

Included Components

Ensure all drawer box components are present and oriented correctly before starting.

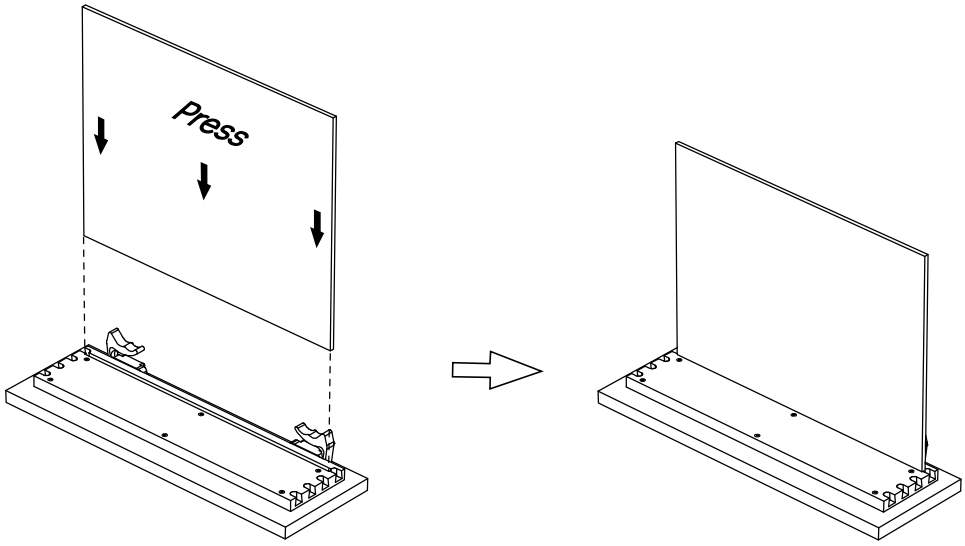


Left side panel | Right side panel | Drawer back panel | Drawer front panel | Drawer bottom panel

Assembly Steps

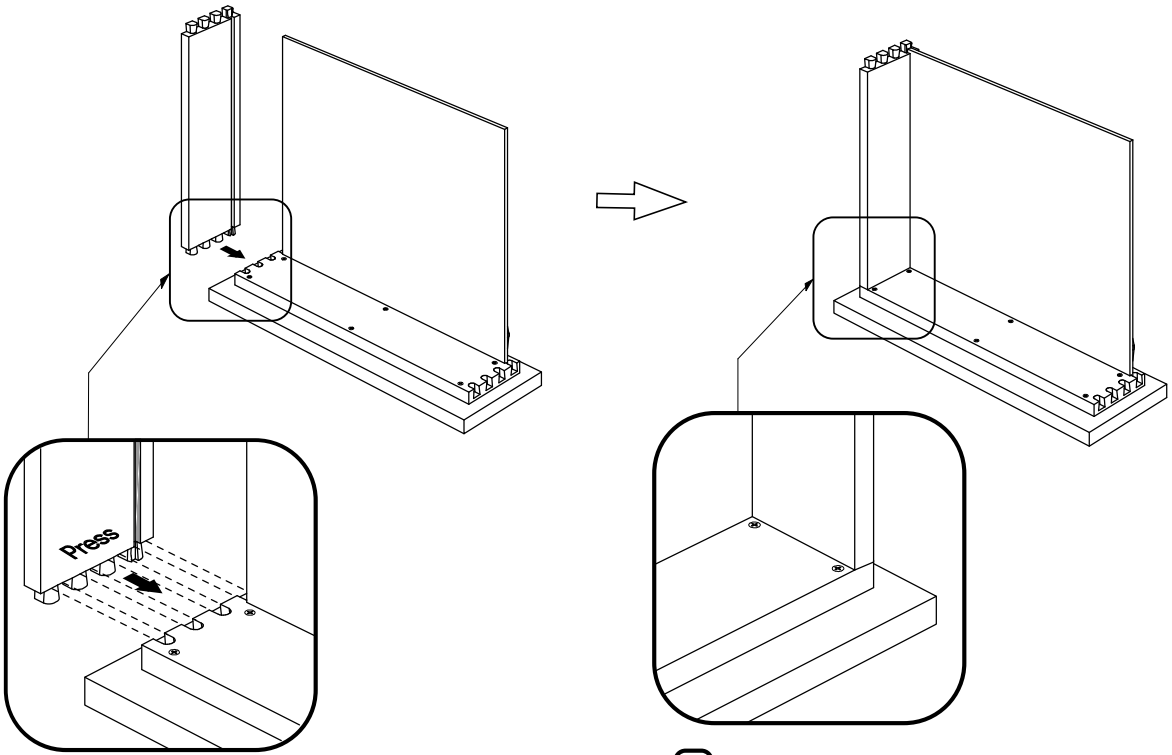
1. Insert Drawer Bottom Panel

- Slide the bottom panel into the groove of the drawer front panel.
- Ensure the panel is fully seated and aligned within the groove before proceeding.



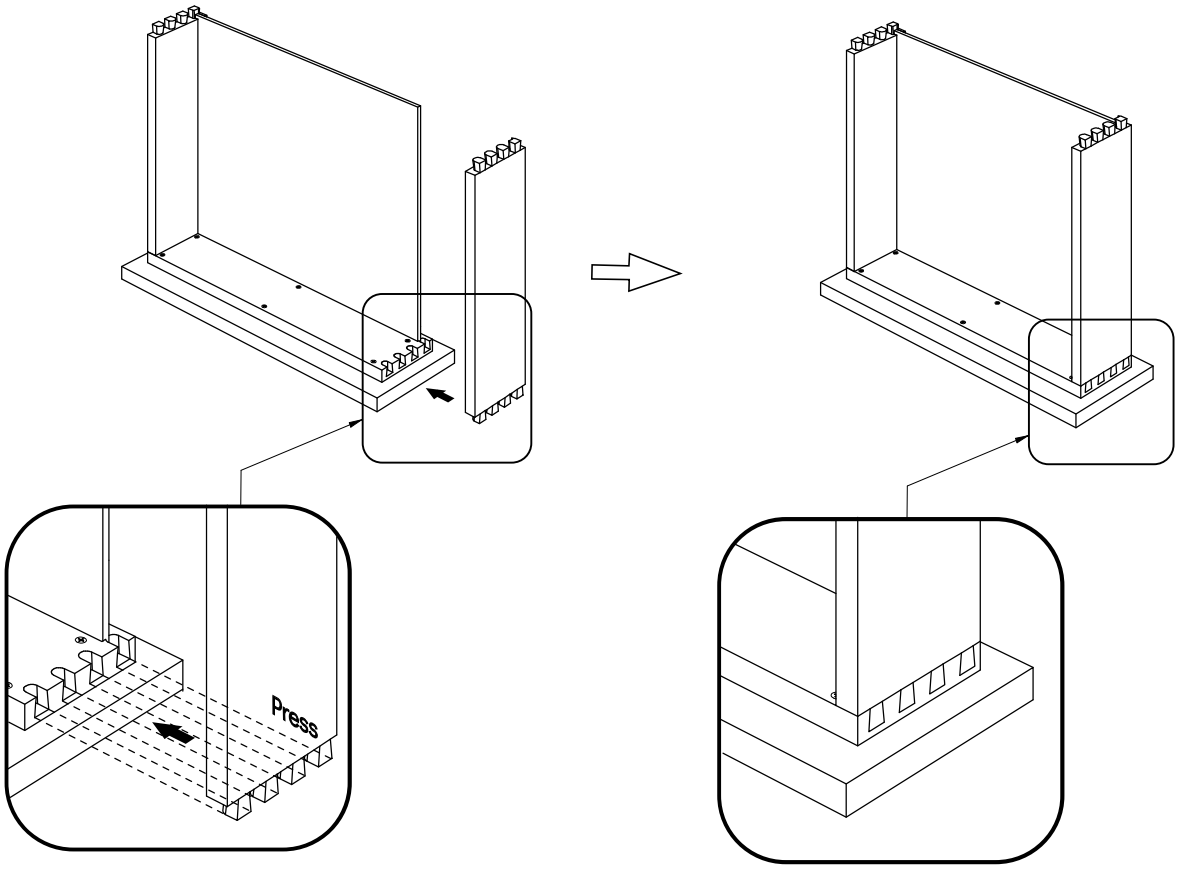
2. Attach Side Panels to Front Panel

- Align the dovetail joints of the left and right side panels with the drawer front panel.
- Press or tap into place until fully seated and flush.
- Ensure the bottom panel remains captured within the grooves of all connected components.



☑ Verify The Bottom Panel grooves are aligned

Assembly Steps

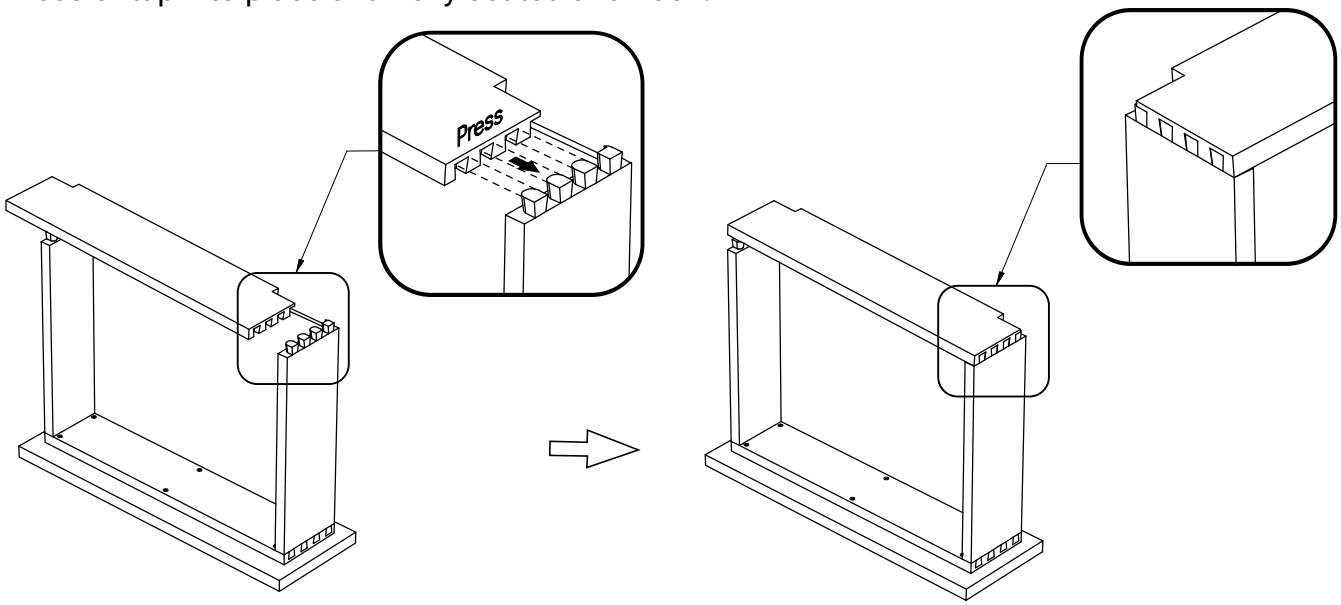


Important:

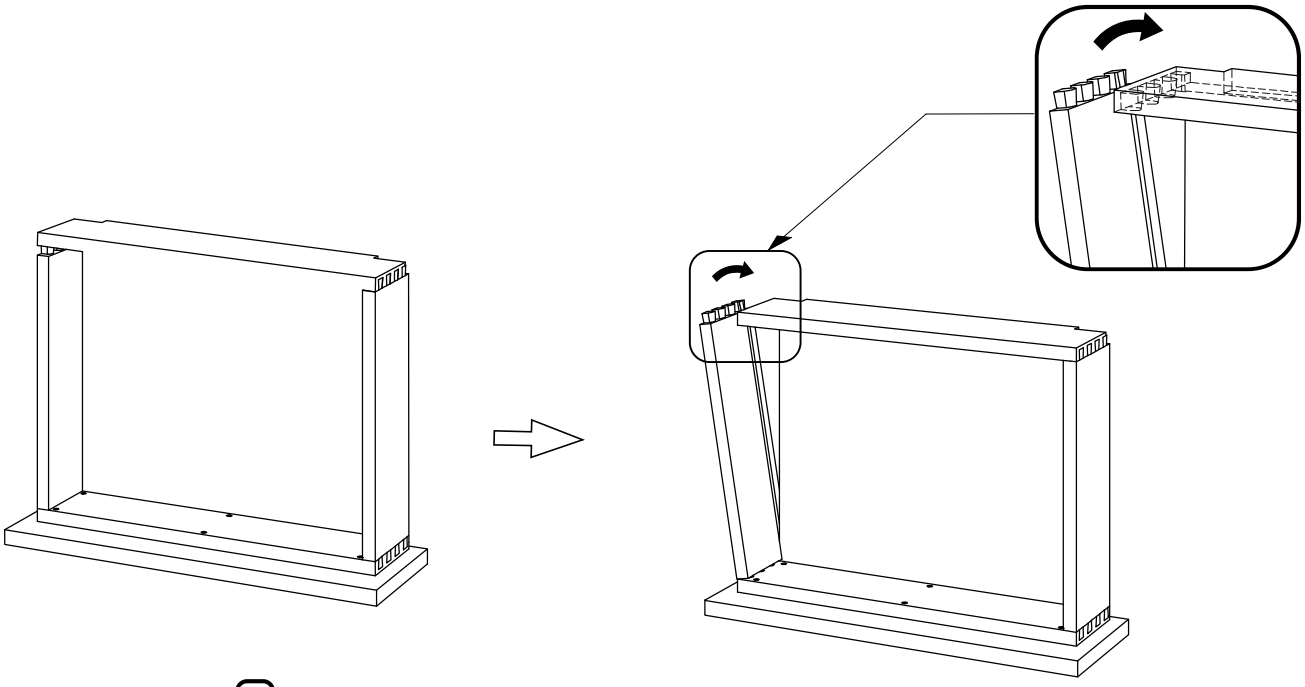
Do not force the joint. If resistance is felt, realign and try again.

3. Attach Drawer Back Panel

- Align the dovetail joints of the back panel with the side panels.
- Press or tap into place until fully seated and flush.



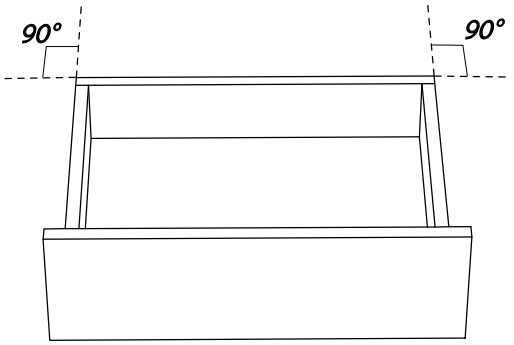
Assembly Steps



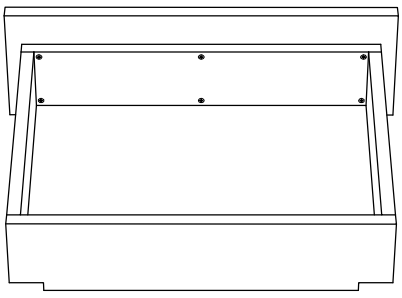
☑ Tilt the second side panel slightly outward, and at the same time lower the back panel to a horizontal position.

4. Final Alignment Check

- Verify all joints are tight and fully engaged.
- Bottom panel is fully captured on all sides.
- Assembly is square and stable.



Front



Back

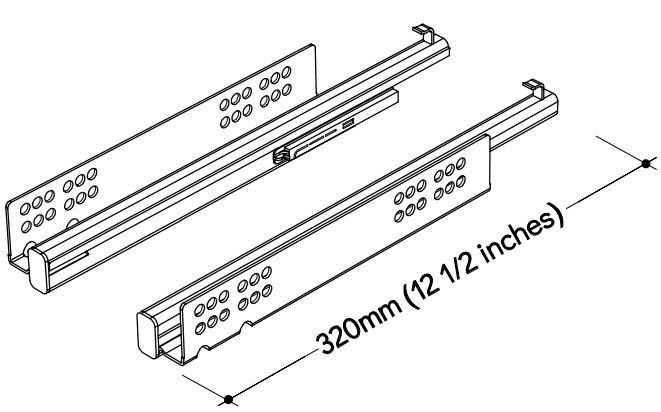
Completion

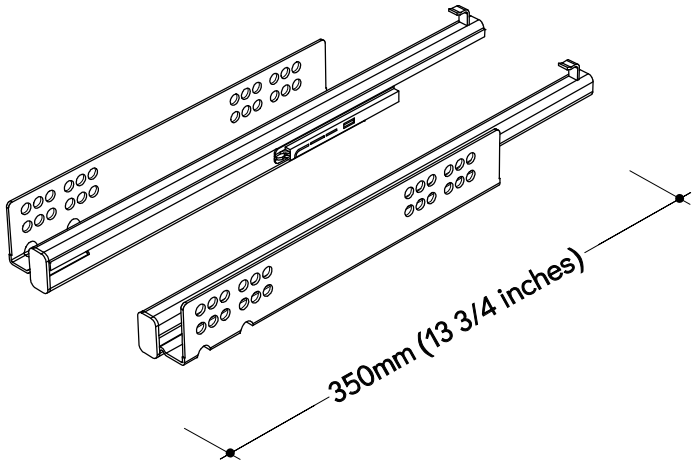
The drawer box is now fully assembled and ready to be mounted in the cabinet.

DRAWER RAIL INSTALLATION GUIDE

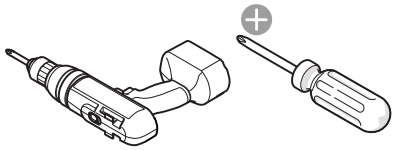
This guide covers the installation of drawer rails and drawers using the cabinet's 32 mm system holes. Pre-defined mounting locations ensure proper alignment and spacing.

Included Hardware

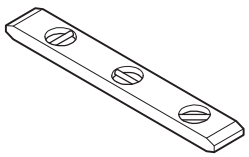




Required Tools



Phillips screwdriver or drill



Level

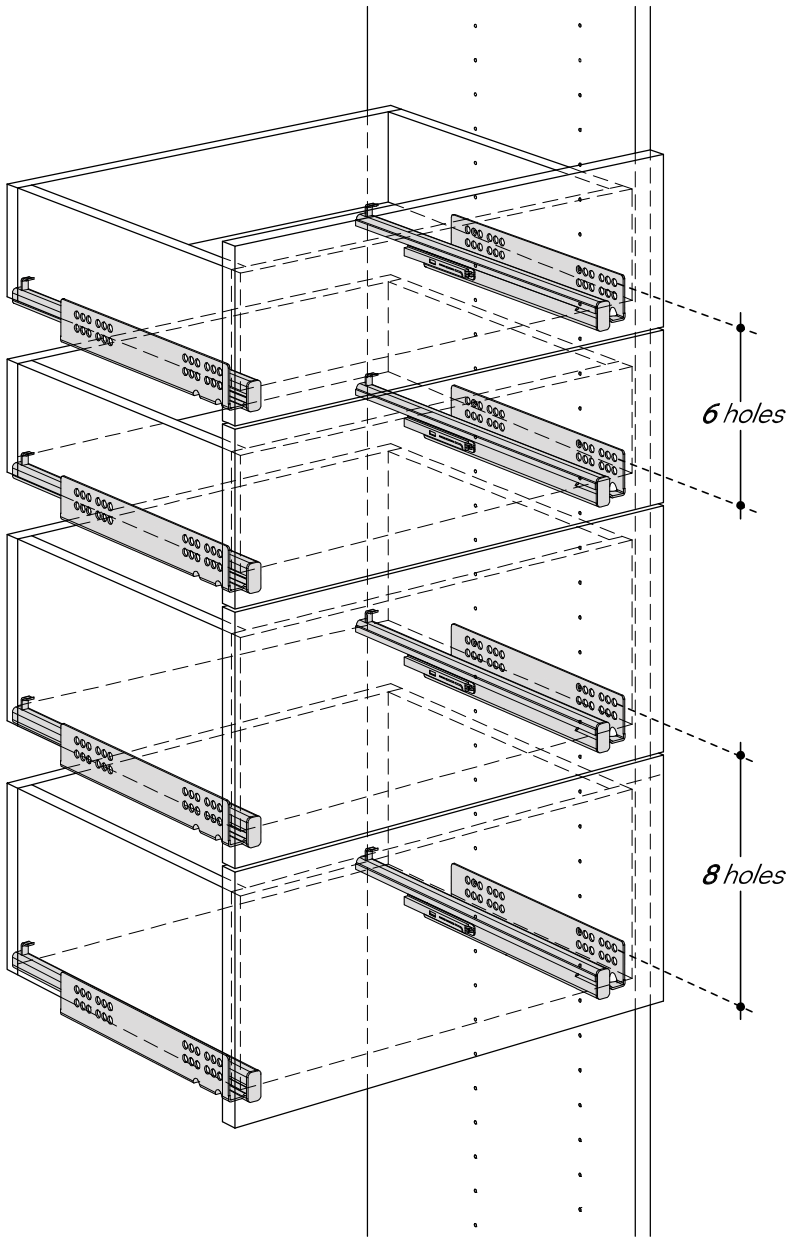
GENERAL GUIDELINES:

- Install slides using the 32 mm system holes in the upright panels.
- Use the same hole positions on both sides.
- Ensure all components are level and aligned before securing.
- Do not force the drawer into place. If resistance is encountered, verify alignment and try again.

DRAWER SPACING REFERENCE:

- Shallow Drawer → Mount slide screws in every 6th hole position.
  Example: If one slide is mounted in hole position 1, the next drawer slide mounts in hole position 6.
- Standard Drawer → Mount slide screws in every 8th hole position.
  Example: If one slide is mounted in hole position 1, the next drawer slide mounts in hole position 8.

Spacing is measured vertically from one slide mounting position to the next.

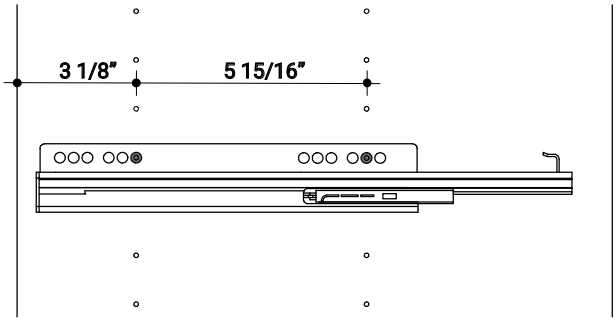


Installation Steps

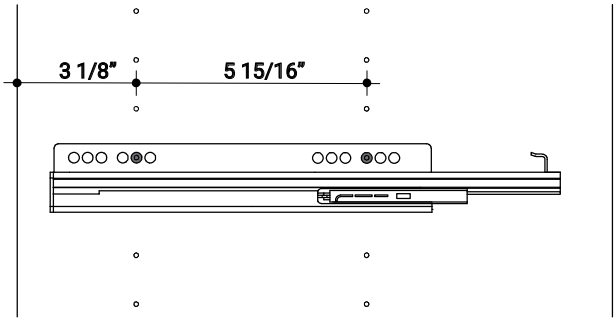
DRAWER SLIDE TYPE REFERENCE:

- 350 mm slides → Standard drawer boxes.
- 320 mm slides → Reveal-style drawer boxes.

Slide mounting positions vary by type. Refer to the illustrations for correct hole placement.



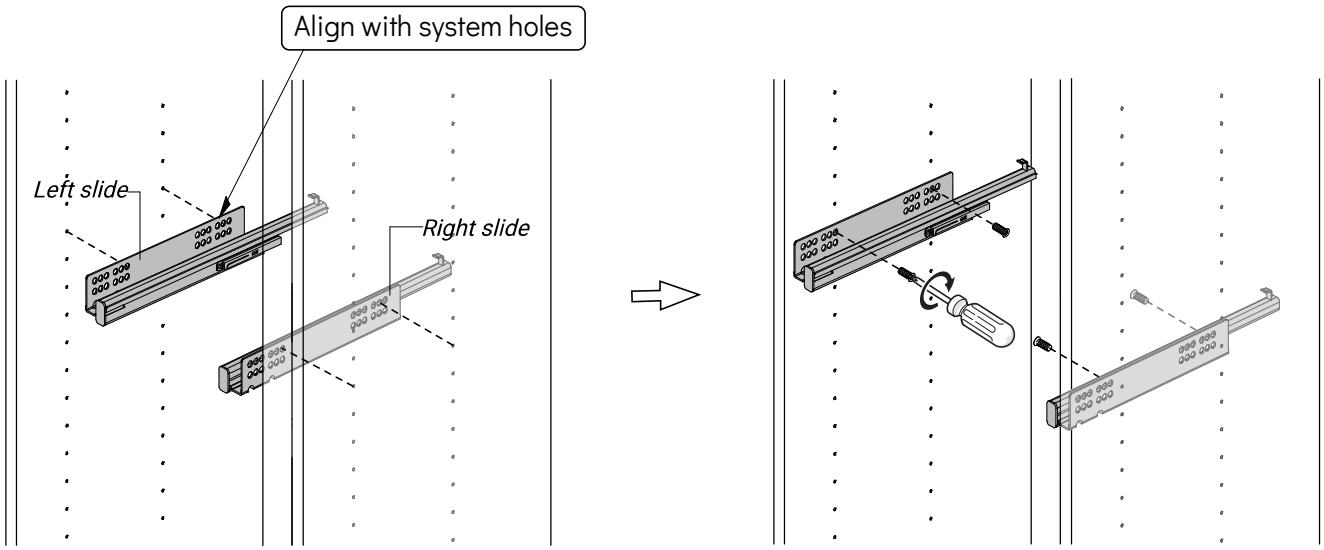
350 mm slides position
for Standard drawer boxes



320 mm slides position
for Reveal-style drawer boxes

1. Install Cabinet Slides

- Identify the left and right slides.
- Position each slide against the vertical side panel.
- Align the slide with the selected 32 mm system holes.
- Secure using the provided screws.



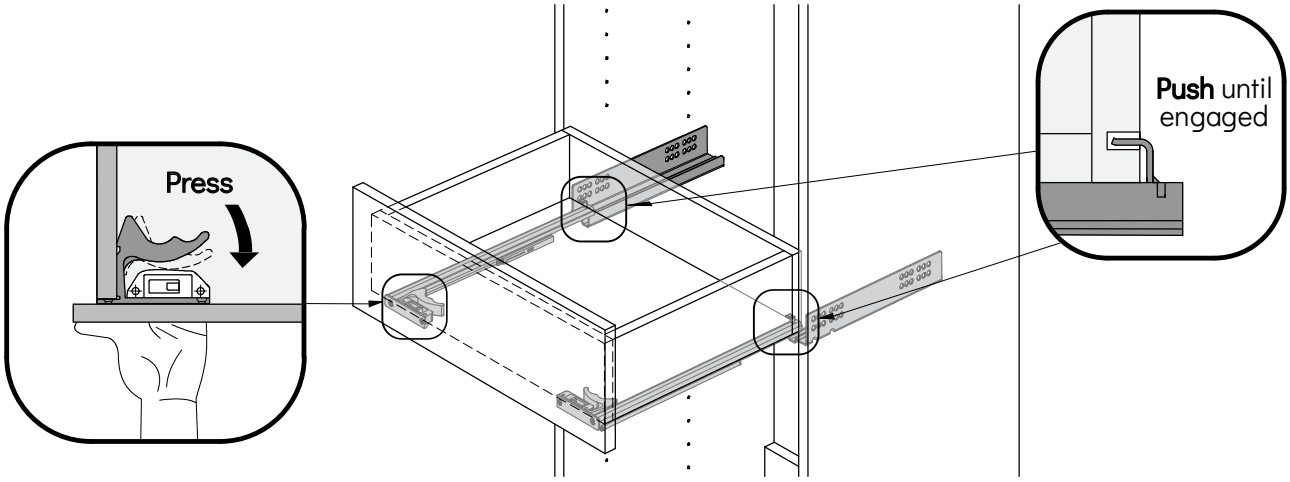
Important:

- Slides must be installed level and parallel.
- Hole positions must match on both sides.

Installation Steps

2. Insert Drawer Box

- Fully extend both drawer slides.
- Place the drawer box onto the extended slides.
- Press the drawer catch on one side.
- Push the slide hook into the drawer until engaged.



- Repeat on the opposite side.
- Close the Drawer.

Important:

Insert evenly on both sides.

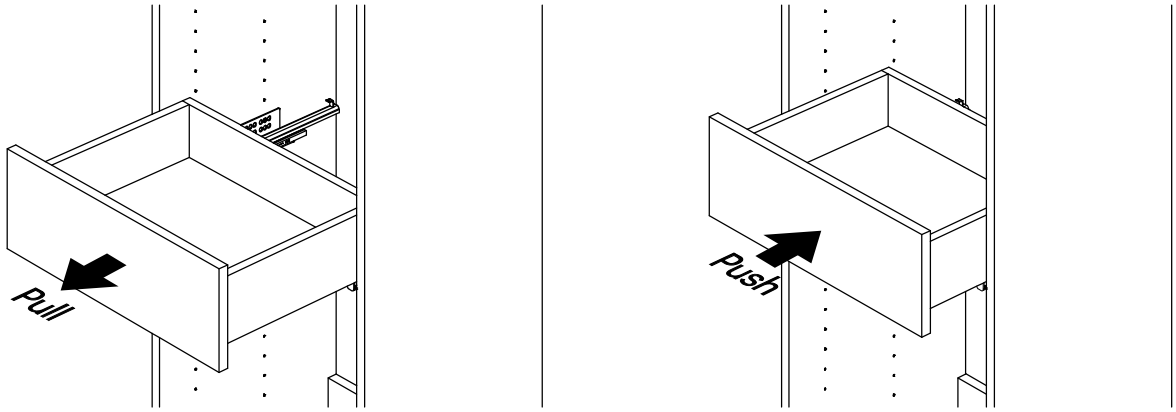
Do not tilt or force the drawer during installation.

3. Verify Operation

- Open and close the drawer several times.
- Verify smooth operation and full closure.

If resistance is felt:

- Remove the drawer.
- Check slide alignment and mounting position.

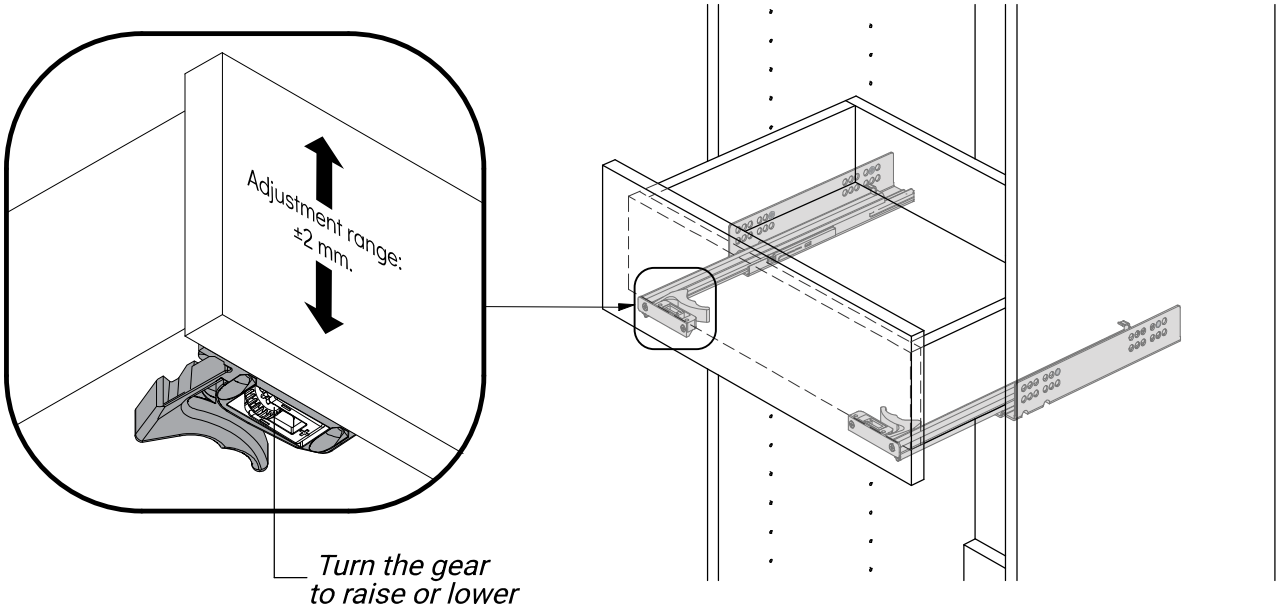


Installation Steps

4. Height Adjustment

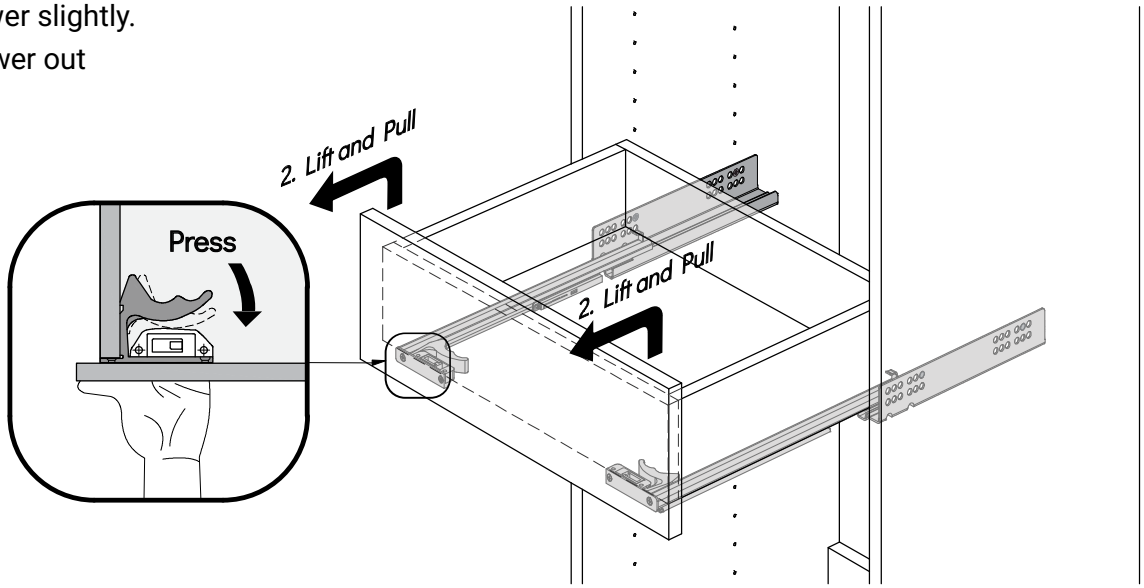
- Adjust the screw on the drawer catch to raise or lower the drawer front.

Adjustment range: ±2 mm.

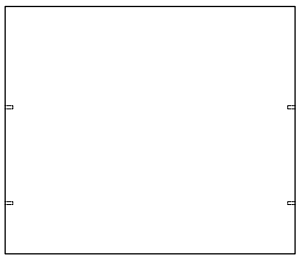


5. REMOVE DRAWER

- Fully open the drawer.
- Locate the release levers underneath the drawer front.
- Press both release levers.
- Lift the drawer slightly.
- Pull the drawer out

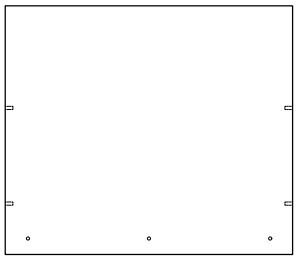


SHELF & SLANTED SHOE SHELF INSTALLATION GUIDE



Shelf 9

Shelf 02 10



Slanted Shoe Shelf 29

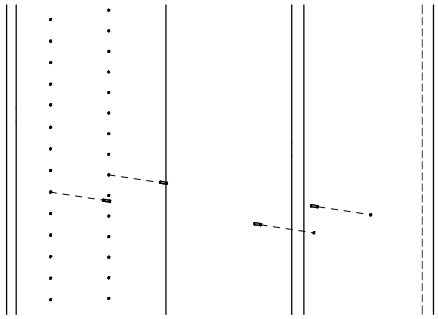
Slanted Shoe Shelf 02 30

Installation Steps

FLAT SHELF INSTALLATION

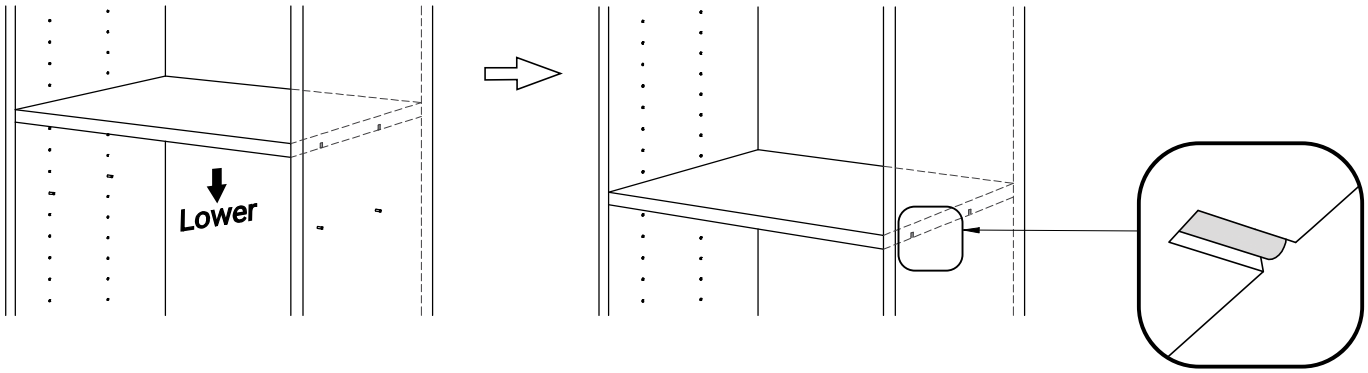
1. Install Support Pins

- Insert shelf support pins into the predrilled holes on both vertical panels at the desired height.
- Ensure all pins are level and fully seated.



2. Install Shelf

- Align the shelf notches with the pins and lower it into place until fully seated and stable.

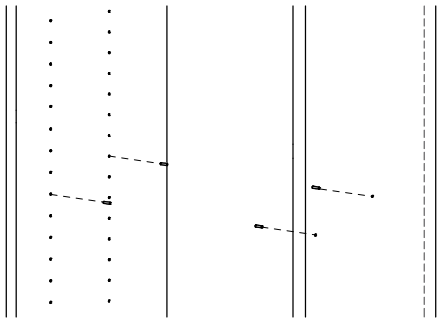


Installation Steps

SLANTED SHOE SHELF INSTALLATION

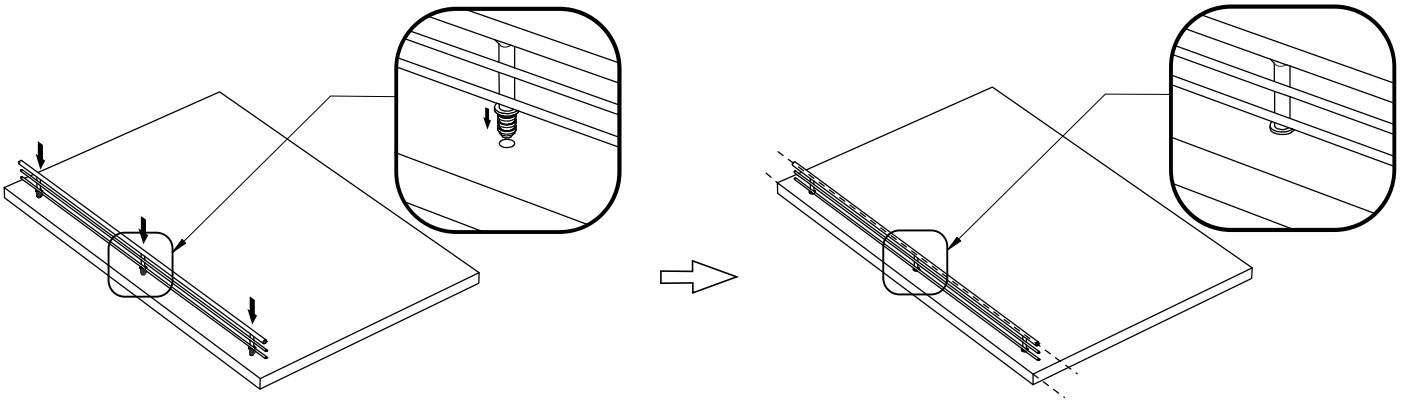
1. Install Support Pins

- Insert shelf support pins at two different vertical positions—rear pins higher, front pins lower to create an angle.



2. Install Shoe Guards

- Attach shoe guards to the shelf before placing it into the cabinet.

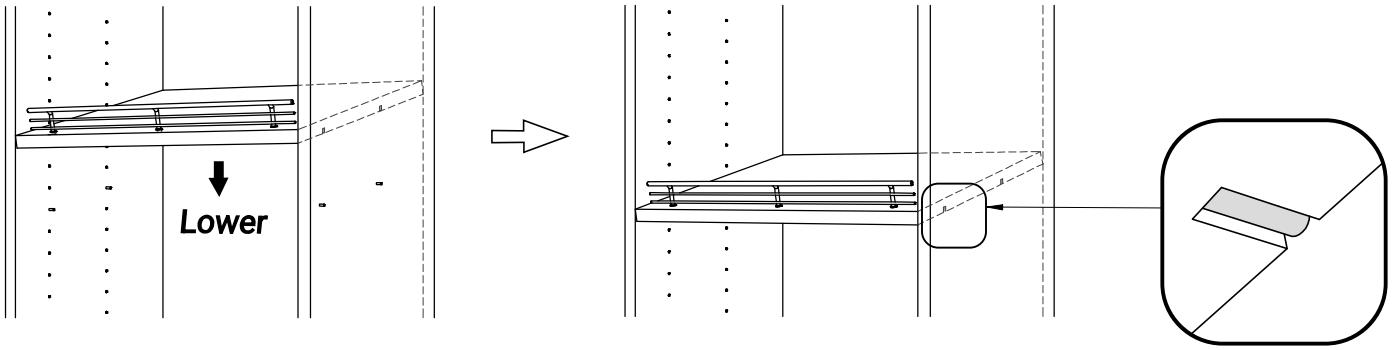


- Press each rod into the holes until fully seated.

- Confirm the rail sits flush and parallel to the shelf front.

3. Install Shelf

- Align the shelf notches with the pins and lower it into place until fully seated inthe angled position.



DOOR INSTALLATION GUIDE

- Compatible with short and tall doors
- Hardware system: Blum CLIP top BLUMOTION (tool-less press-fit)

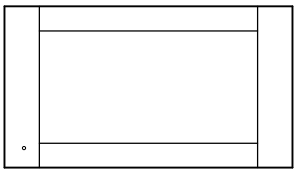
System Overview

This door system uses **Blum CLIP top BLUMOTION hinges**, a premium, tool-less hardware system designed for smooth operation and precise alignment.

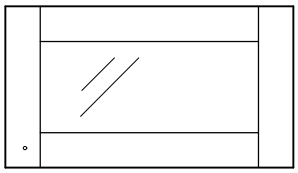
- No tools are required for installation
- Doors attach using **pre-drilled holes** and press-fit hardware
- Fine alignment can be adjusted after installation if needed



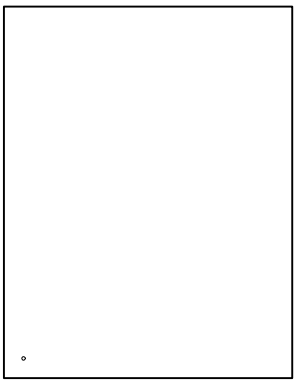
26 Short door slab



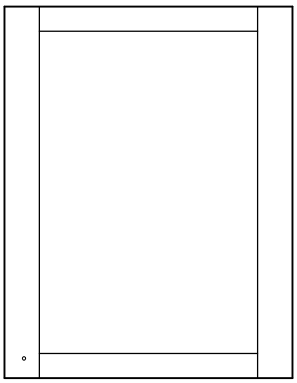
27 Short door shaker



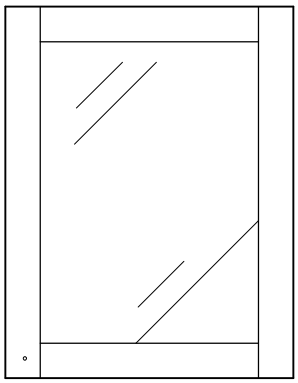
28 Short door glass



11 Medium door slab



12 Medium door shaker



13 Medium door glass

Included Hardware

- Blum CLIP top BLUMOTION hinges
- Blum press-fit mounting plates

All required hardware is included. No screws are used during installation.

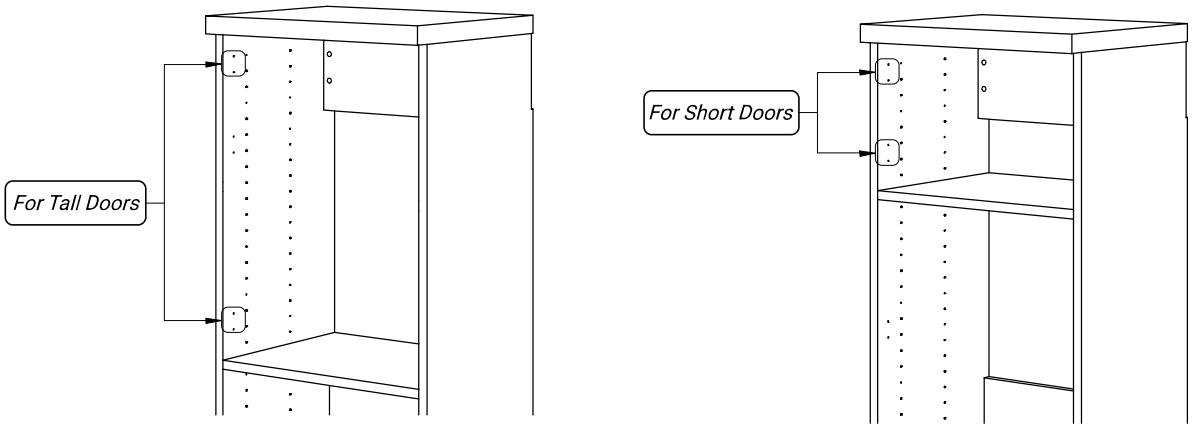
Installation Step

1. Install Mounting Plates

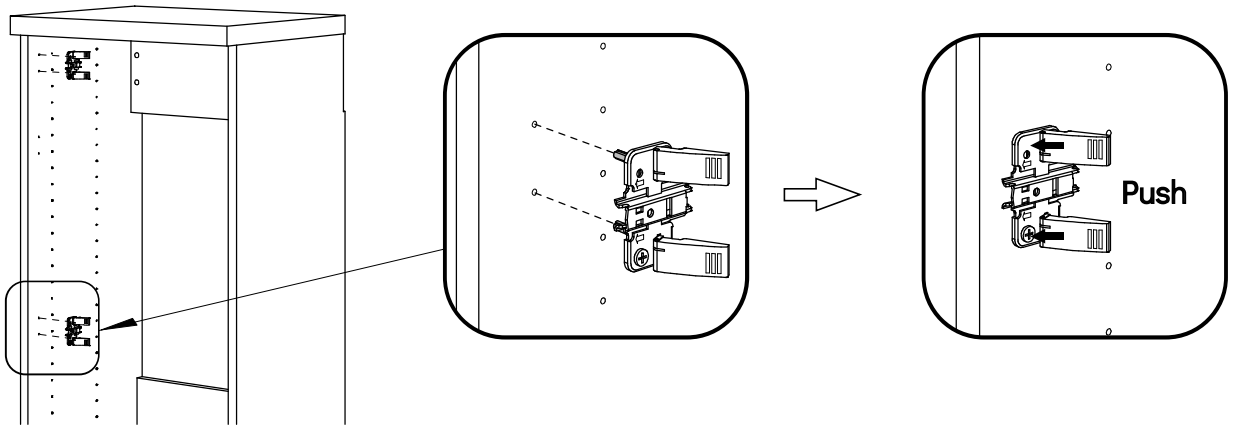
On the inside face of the vertical panel, locate the pre-drilled holes.

Select hole positions:

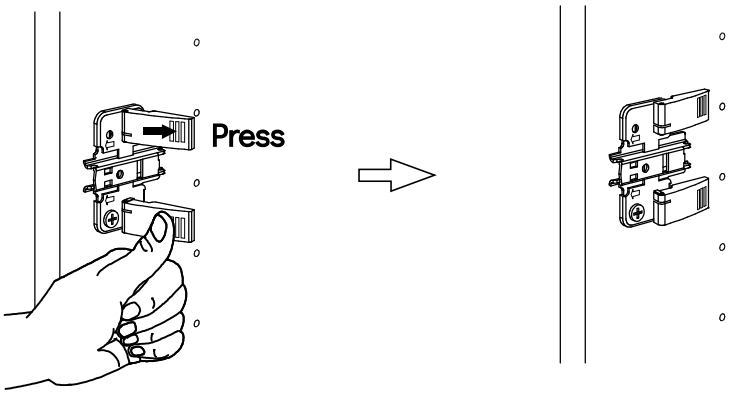
- Tall doors: use the top and bottom hole sets
- Short doors: use the top and middle hole sets



- Align the mounting plate with the selected holes.
- Push the mounting plate straight into the panel until fully seated.



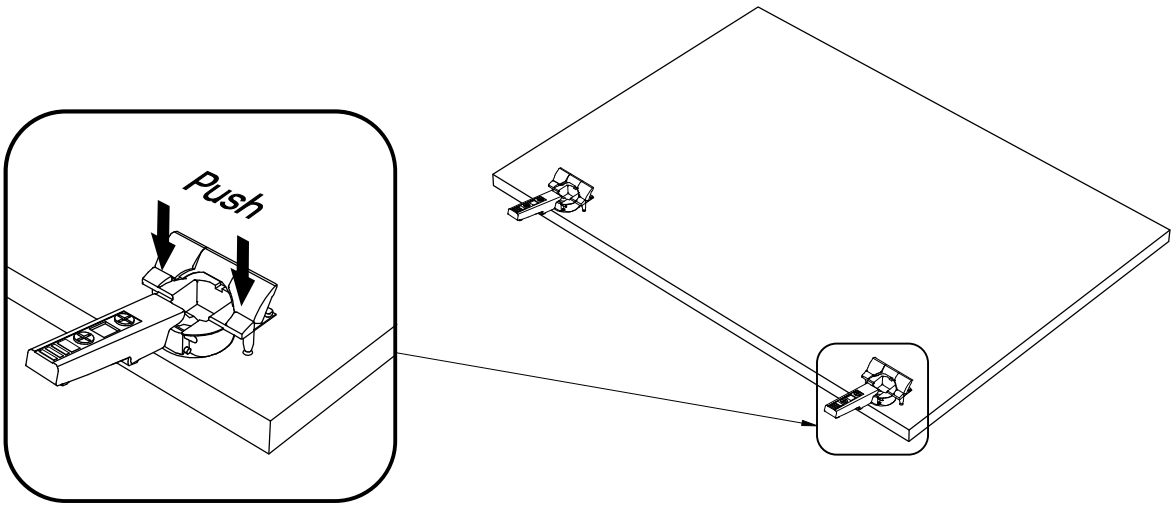
- Press down on the locking clip to secure the plate.



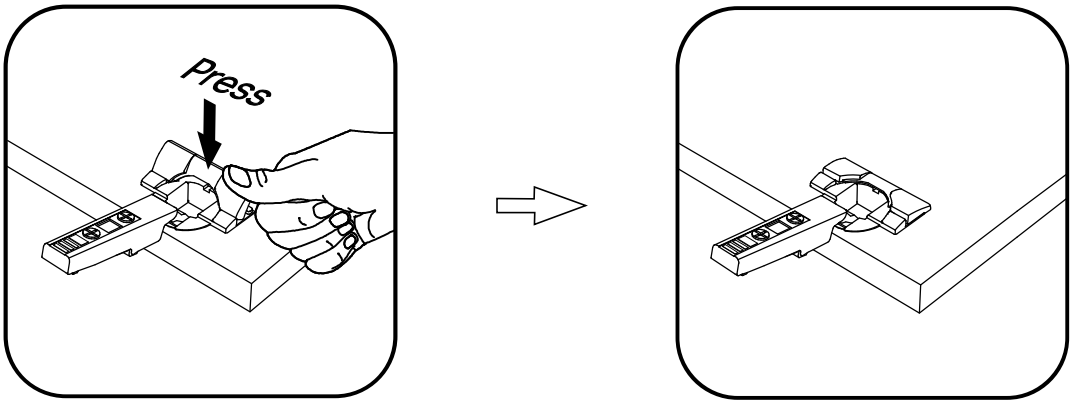
Installation Step

2. Install Hinges on the Door

- Place the door on a protected surface.
- Align each hinge with the pre-drilled holes on the door frame.
- Push the hinge straight into the holes until fully seated.



- Press down on the hinge locking clip to secure it.

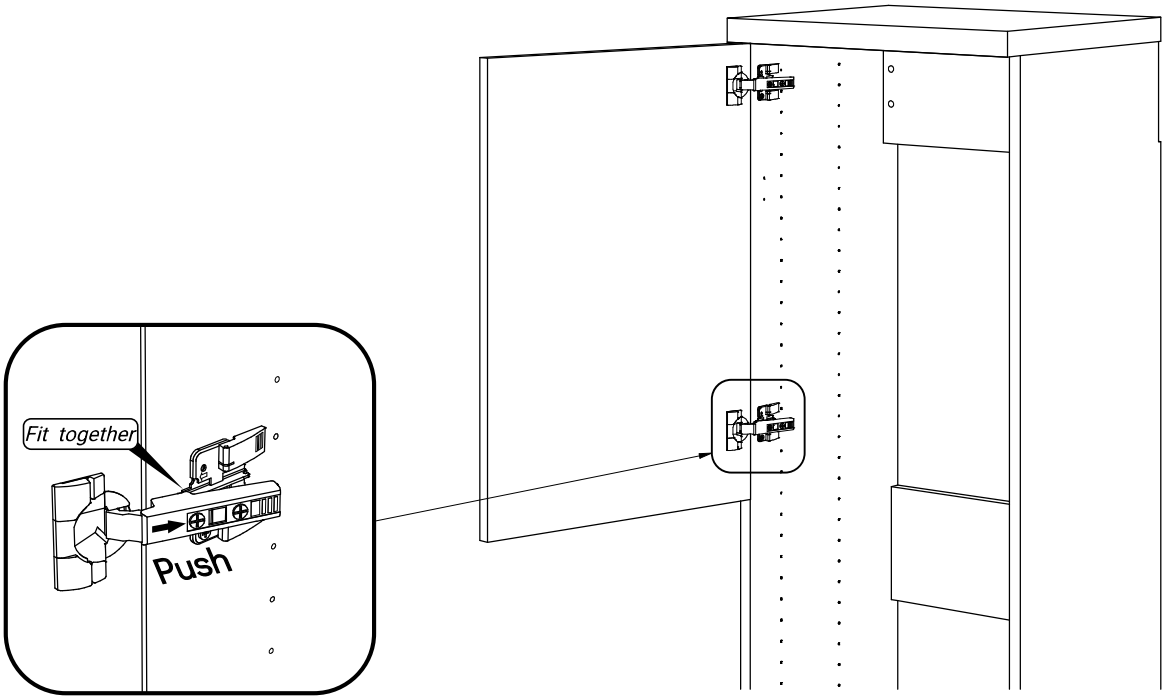


Do not use screws.
The hinge locks into place using internal pressure fittings.

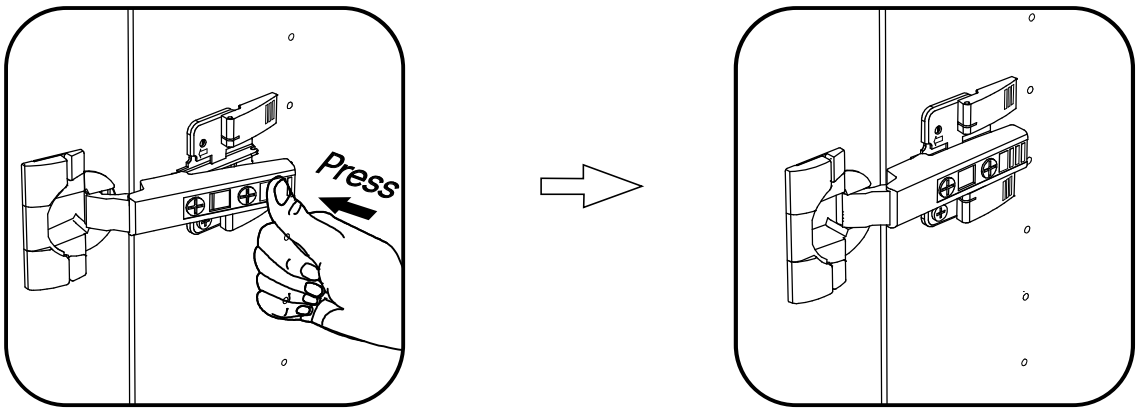
Installation Step

3. Hang the Door

- Bring the door to the cabinet opening.
- Align the hinge arms with the installed mounting plates.



- Push each hinge arm onto the plate until it clicks into place.

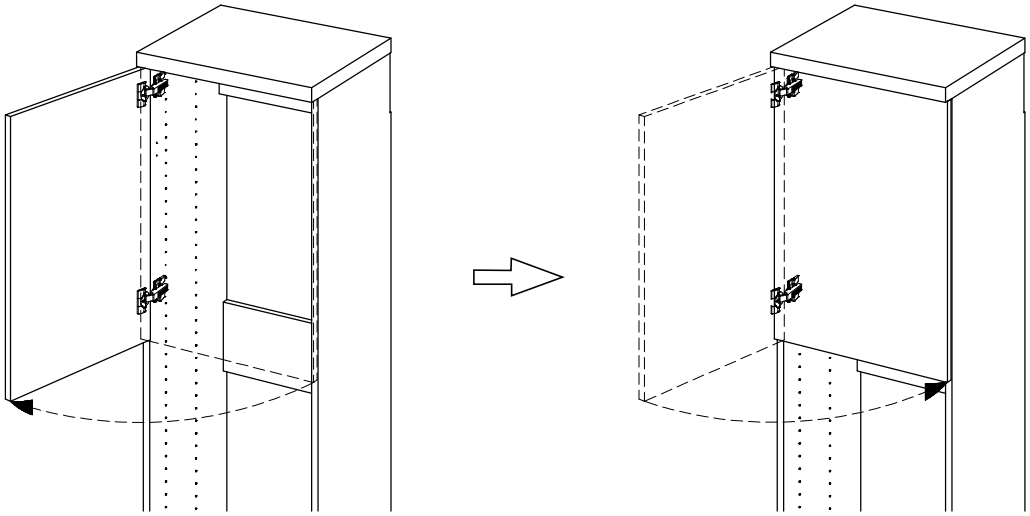


- The door is now supported by the cabinet.

Installation Step

4. Check Door Operation

- Slowly open and close the door.
- Confirm smooth movement and proper closing.
- Ensure the door sits evenly within the cabinet opening.



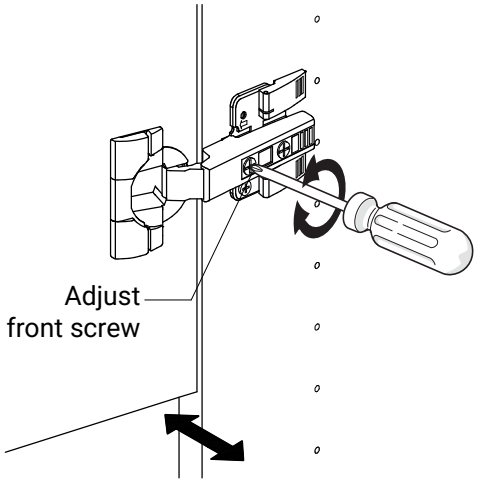
If adjustment is needed, continue to the next step.

5. Door Alignment (If Needed)

Use a screwdriver to make small adjustments. Adjust gradually and check results after each change.

Side-to-Side

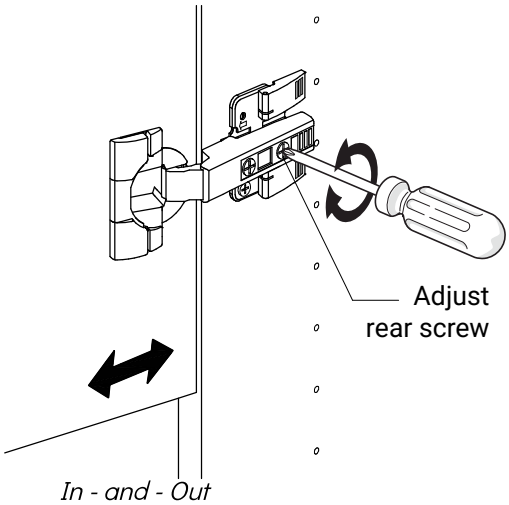
- Adjusts left and right position
- Use to even vertical gaps between doors



Side - to - Side

In-and-Out

- Adjusts how flush the door sits against the cabinet
- Use to correct doors that sit too far forward or back

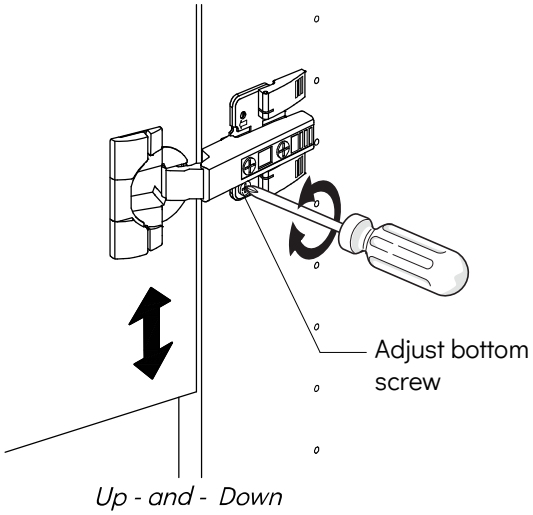


In - and - Out

Installation Step

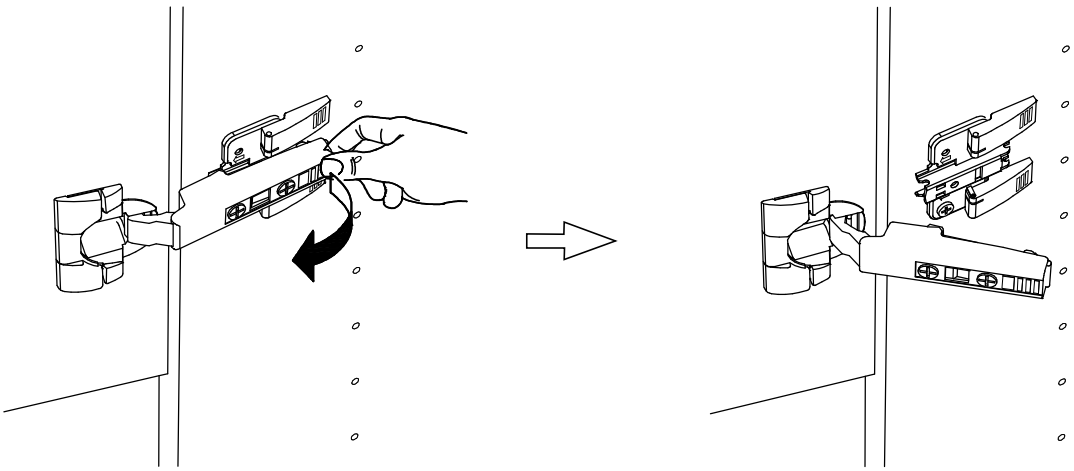
Up-and-Down

- Adjusts door height
- Use to align doors with adjacent units



6. Door Removal (If Required)

- Open the door fully.
- Locate the release tab on the hinge arm.
- Lift the tab to disengage the hinge from the mounting plate.
- Repeat for each hinge.



To fully remove hardware, lift the locking clips and pull components straight out.

Helpful Tips

- Make small adjustments only.
- Adjust one direction at a time.
- Depth and height changes can affect door gaps.
- Always recheck door movement after adjustments.