



A-dec Inspire™ 595 Wall-Mounted Cabinet

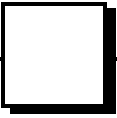
INSTALLATION GUIDE



A-dec 595 56" Storage and Dispenser Wall-Mounted Cabinet

Recommended Tools

- Four-foot level
- Drill with 3/16", 1/4", 5/16", and 1/2" bits
- Rubber mallet
- Power screwdriver with Phillips head bit
- Hex key set
- Phillips head screwdriver
- #2 Pozidriv® screwdriver
- Awl



Important Information



NOTE Information that is critical to a successful and safe installation is shaded like this note throughout the guide.



WARNING Failure to install the upper storage cabinet and the dispenser cabinet as described in this installation guide may cause the cabinet(s) to collapse, resulting in serious injury to personnel.



WARNING You must adhere to minimum standards when securing the cabinet. See “Mounting Requirements” on page 3. Consult a licensed professional (such as a structural or architectural engineer) for mounting to metal studs or masonry walls. For loading requirements, contact A-dec Customer Service. Ensure that all installations conform to local building codes and requirements.



NOTE If your system has a light or monitor mount but the mounting plate is in the incorrect position for installation of the mount, see “Move the Mounting Plate and Dispensers (optional)” on page 14.



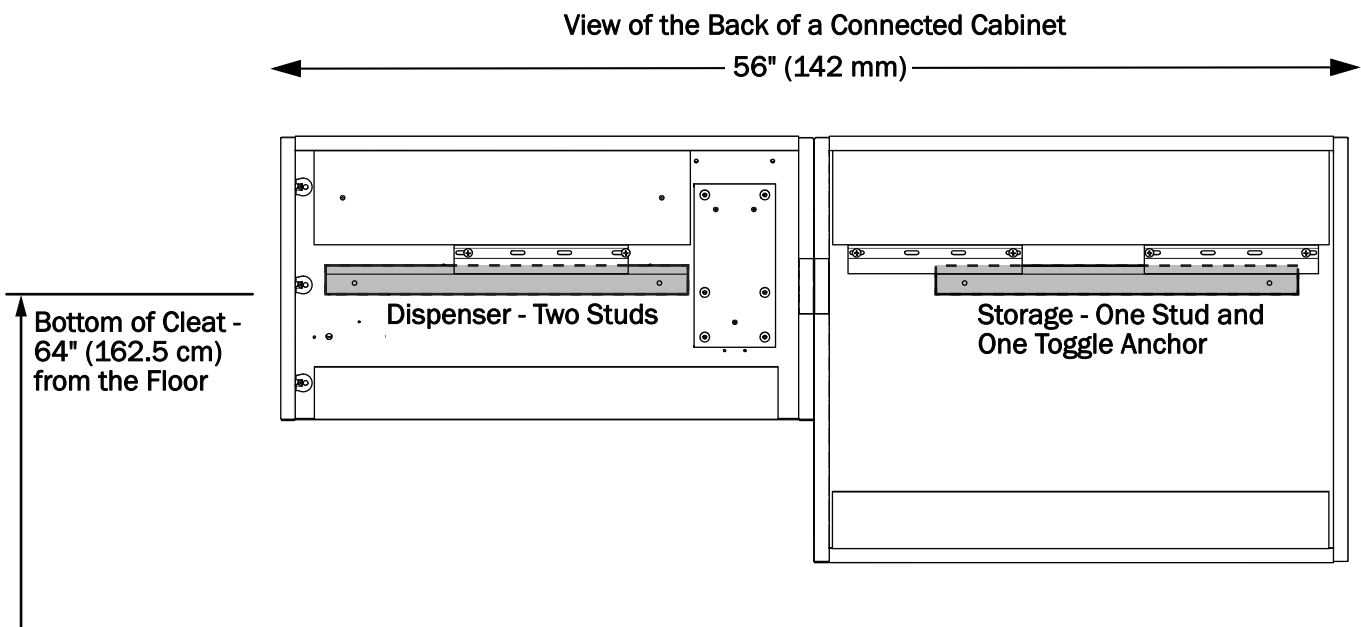
WARNING Two people should install this cabinet on the cleat to avoid personal injury.

Prepare the Cleat Position



Mounting Requirements

Cabinet	Minimum Mounting Requirements
Single Cabinet	Cleat anchored to two studs
Connected Cabinet	
• Dispenser	Cleat anchored to two studs
• Storage	Cleat anchored to at least one stud and one toggle anchor (but a second stud is preferred)



NOTE The diagram above is a typical configuration. Your configuration may differ depending on the cabinet that you are installing.

- 1** Mark the wall 64" (162.5 cm) from the floor. This will be the bottom of the cleat location.
- 2** Locate the studs.
- 3** Place the cleat in the position where you want to install the cabinet.
- 4** Mark the stud locations on the cleat.
- 5** Use a 1/4" drill bit to drill holes in the center of the cleat channels.
- 6** While keeping the cleat level, use it to mark the hole locations on the wall.
- 7** Drill holes in the wall at the marked locations:
 - **Wood studs**—Use a 3/16" drill bit.
 - **Metal studs and no studs**—Use a 1/8" drill bit.



Install the Cleat

Follow the installation instructions for your wall's configuration.

Wood Studs.....**This page**

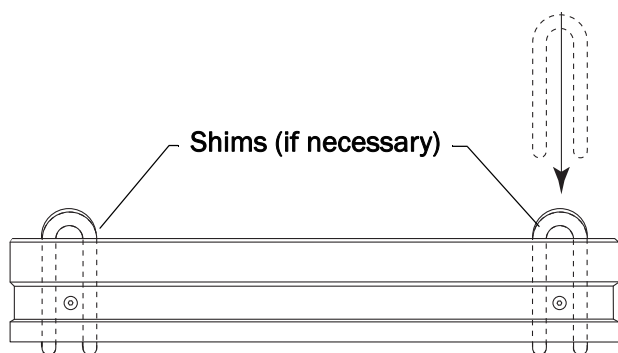
Metals Studs and No Studs.....**5**

Wood Studs

These instructions are for anchoring to two wood studs. If you are anchoring to one wood stud and one toggle anchor, follow these instructions for the anchoring to the wood stud and the instructions under "Metal Studs and No Studs" on page 5 for anchoring with the toggle anchor.



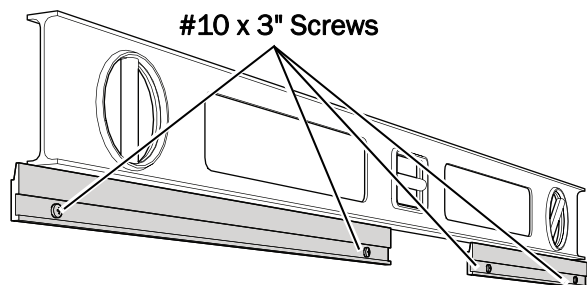
NOTE Shims are provided to prevent the cleat from distorting when installed against an uneven wall surface. Failure to prevent the cleat from distortion may make installing the cabinet more difficult.



- 1** Install #10 x 3" screws through the cleat and into the stud(s) at the proper locations. Do not fully tighten the screws.
- 2** If necessary, use the "U" shaped shims to ensure the cleat does not distort while installing the screws.



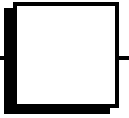
Actual Size



- 3** Level the cleat. If you are installing two cleats, ensure they are level with each other.
- 4** Tighten the screws.

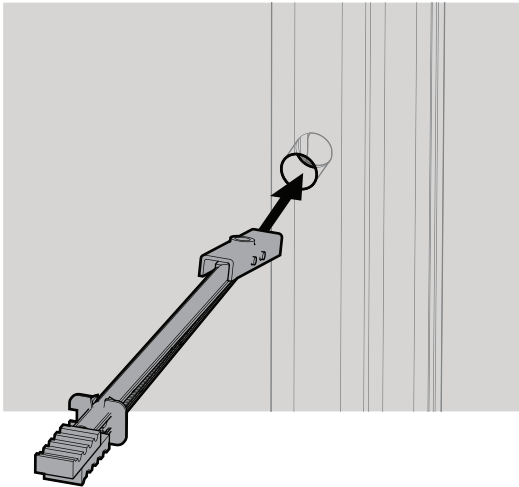
Next Step If your cabinet is two or more modules, see "Secure the Dispenser to the Storage Cabinet (56" cabinet only)" on page 7.

If your cabinet is one module, see "Install the Storage or Dispenser Cabinet" on page 8.

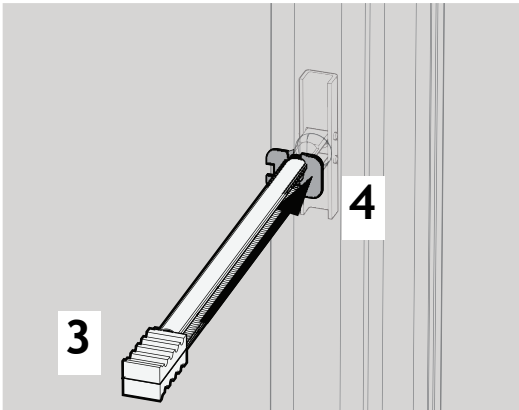


Metal Studs and No Studs

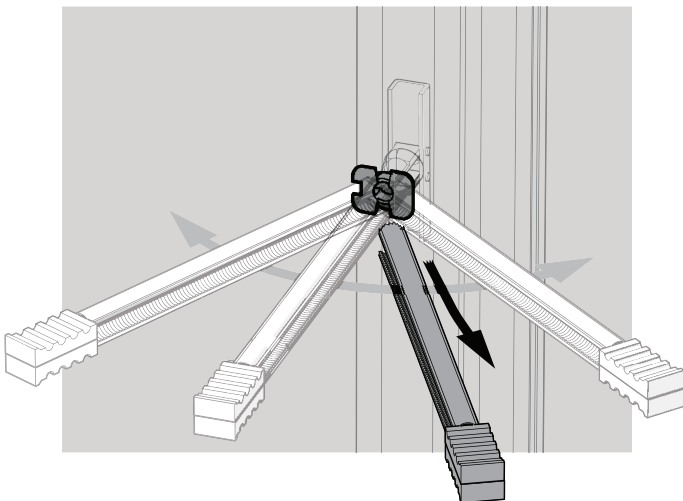
Install the Toggle Anchors



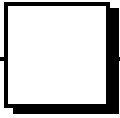
- 1** Hold the metal catch of the toggle anchor flat against the plastic strap.
- 2** Push the catch fully through the holes in the wall and stud.



- 3** Pull the handle of the toggle anchor straight out.
- 4** Slide the plastic cap down the plastic strap until the cap is flush with the wall.



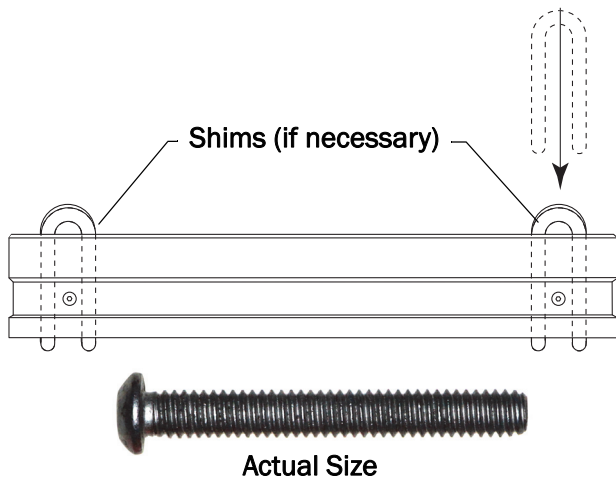
- 5** Rock the strap side to side, snapping it off at the wall.



Secure the Cleat to the Wall

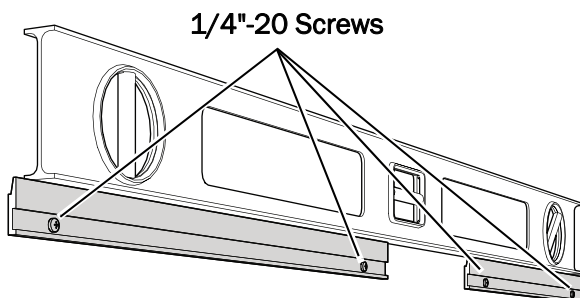


NOTE Shims are provided to prevent the cleat from distorting when installed against an uneven wall surface. Failure to prevent the cleat from distortion may make installing the cabinet more difficult.



1 Install the 1/4"-20 screws through the cleat into the toggle anchors at the proper locations. Do not fully tighten the screws.

2 If necessary, use the "U" shaped shims to ensure the cleat does not distort while installing the rest of the screws.



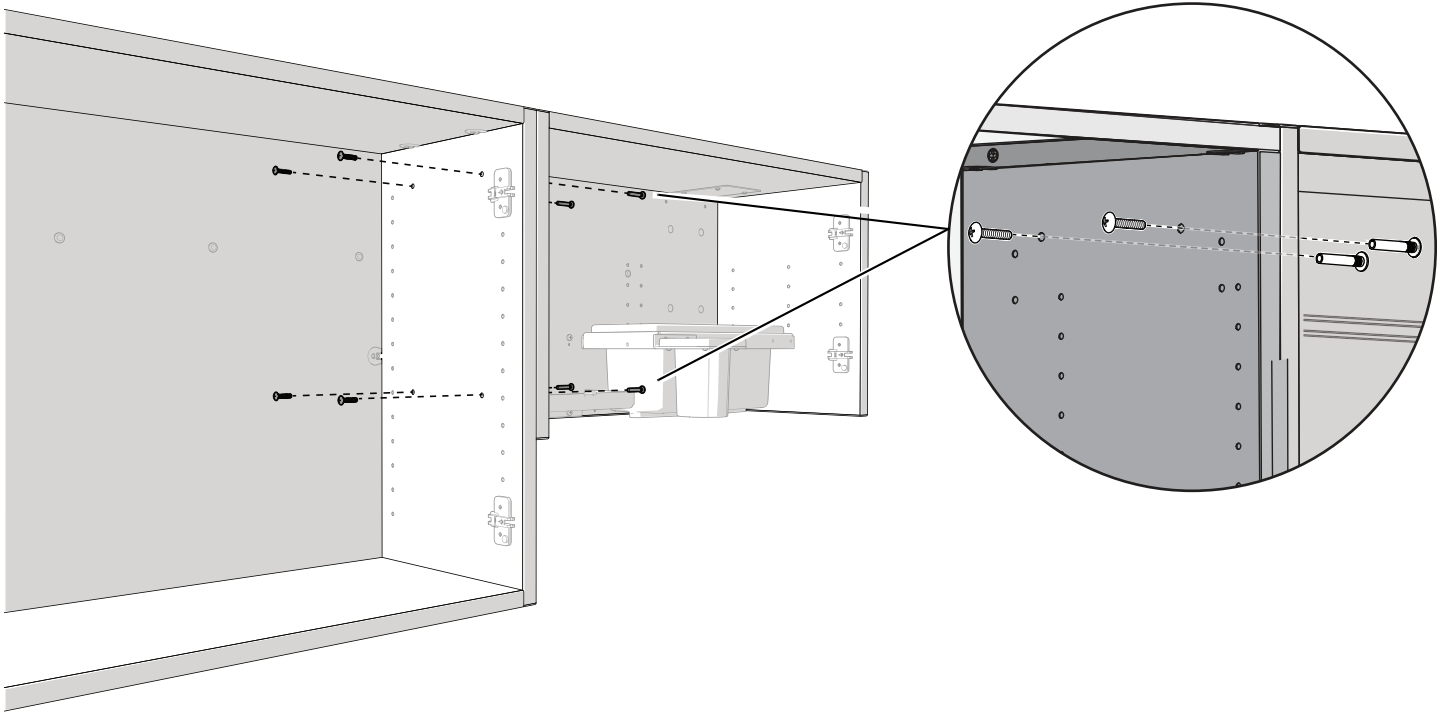
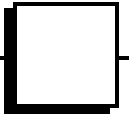
3 Level the cleat. If you are installing two cleats, ensure they are level with each other.

4 Tighten the screws.

Next Step If your cabinet is two or more modules, see "Secure the Dispenser to the Storage Cabinet (56" cabinet only)" on page 7.

If your cabinet is one module, see "Install the Storage or Dispenser Cabinet" on page 8

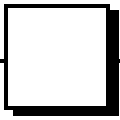
Secure the Dispenser to the Storage Cabinet (56" cabinet only)



- 1 Use two barrel bolts to secure the dispenser to the upper storage cabinet.



TIP Use an awl to align the holes and to start the barrel bolts.

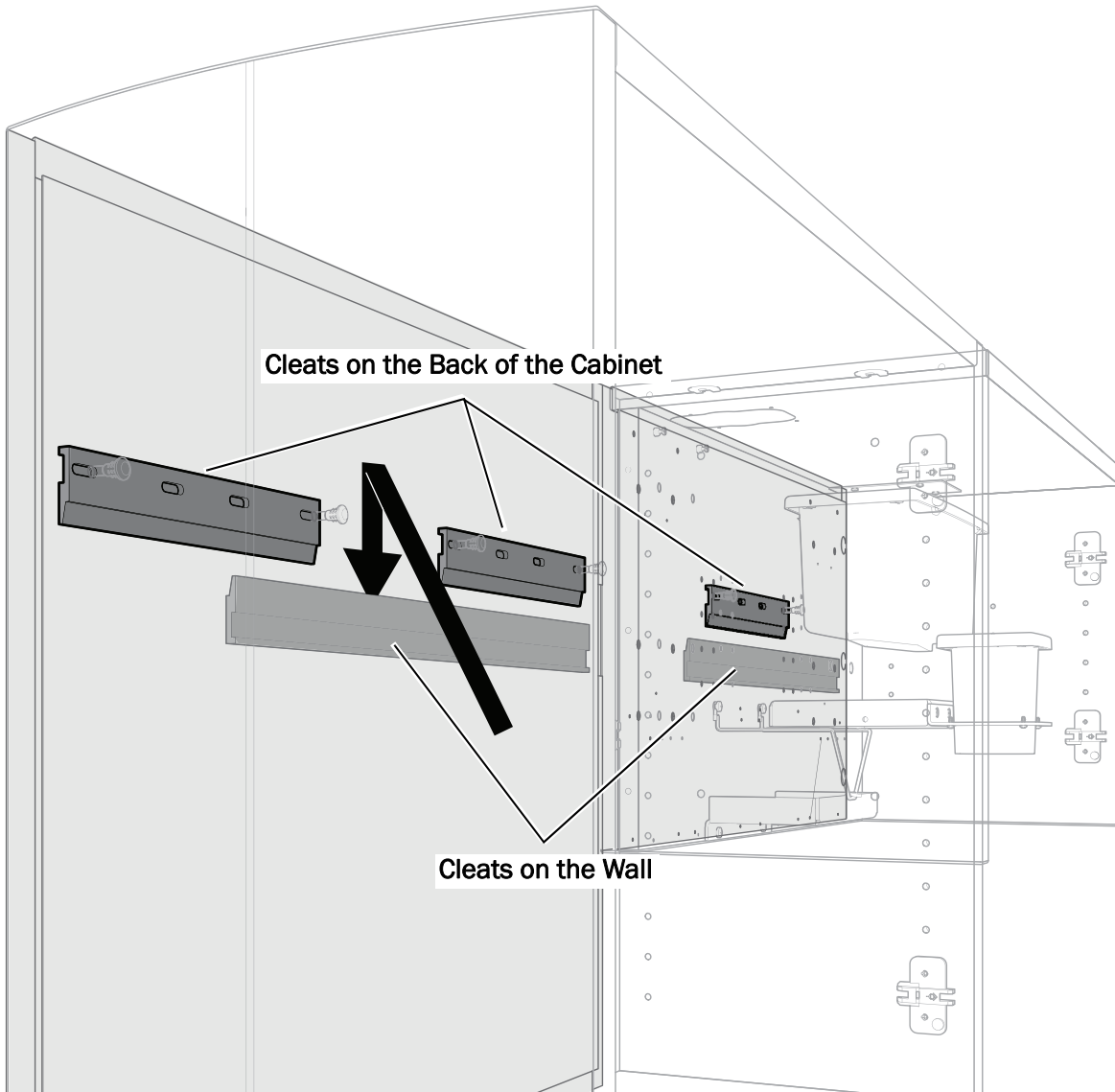


Install the Storage or Dispenser Cabinet

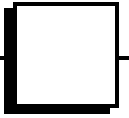


TIP To increase accessibility and improve handling, remove the doors.

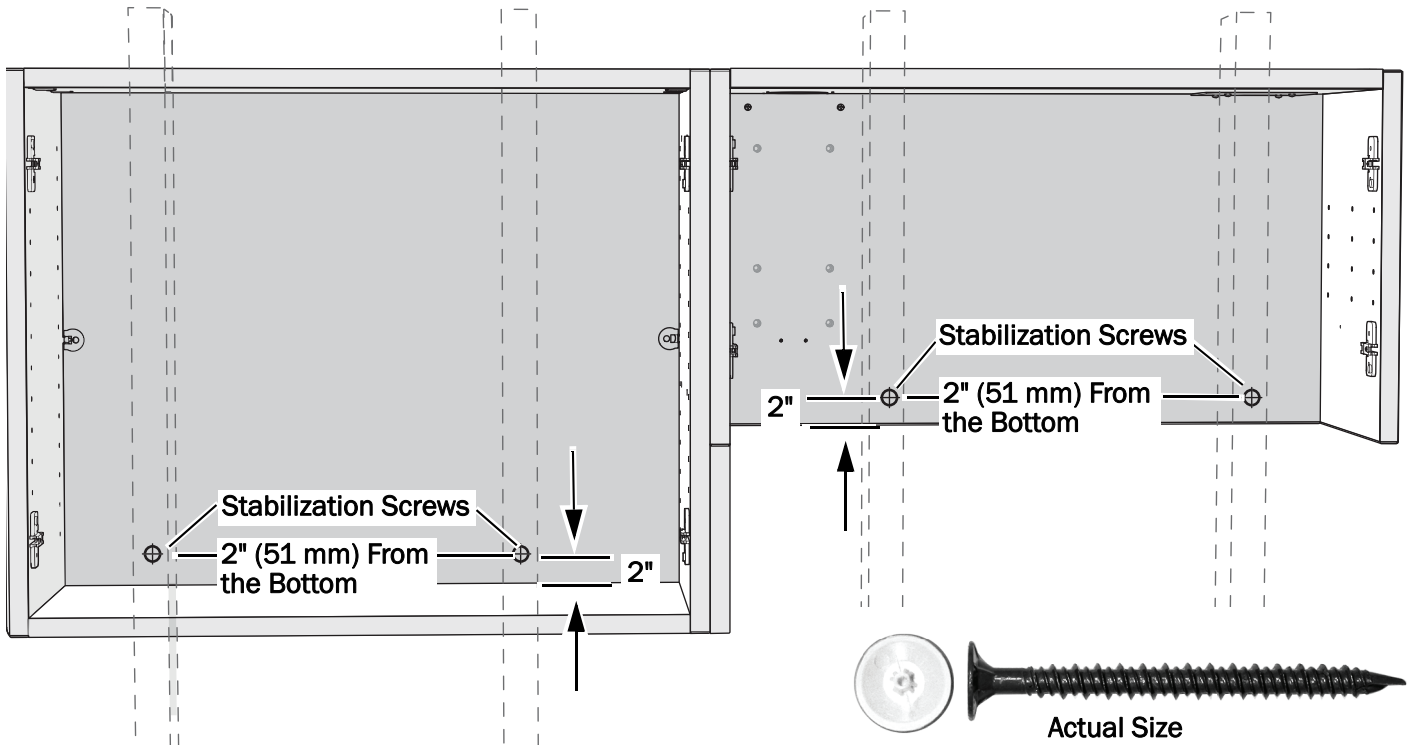
Place the Cabinet on the Cleat



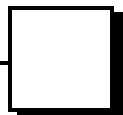
- 1** Lift the cabinet assembly and place it against the wall.
- 2** Slide the cabinet assembly down so the mounting cleats engage.



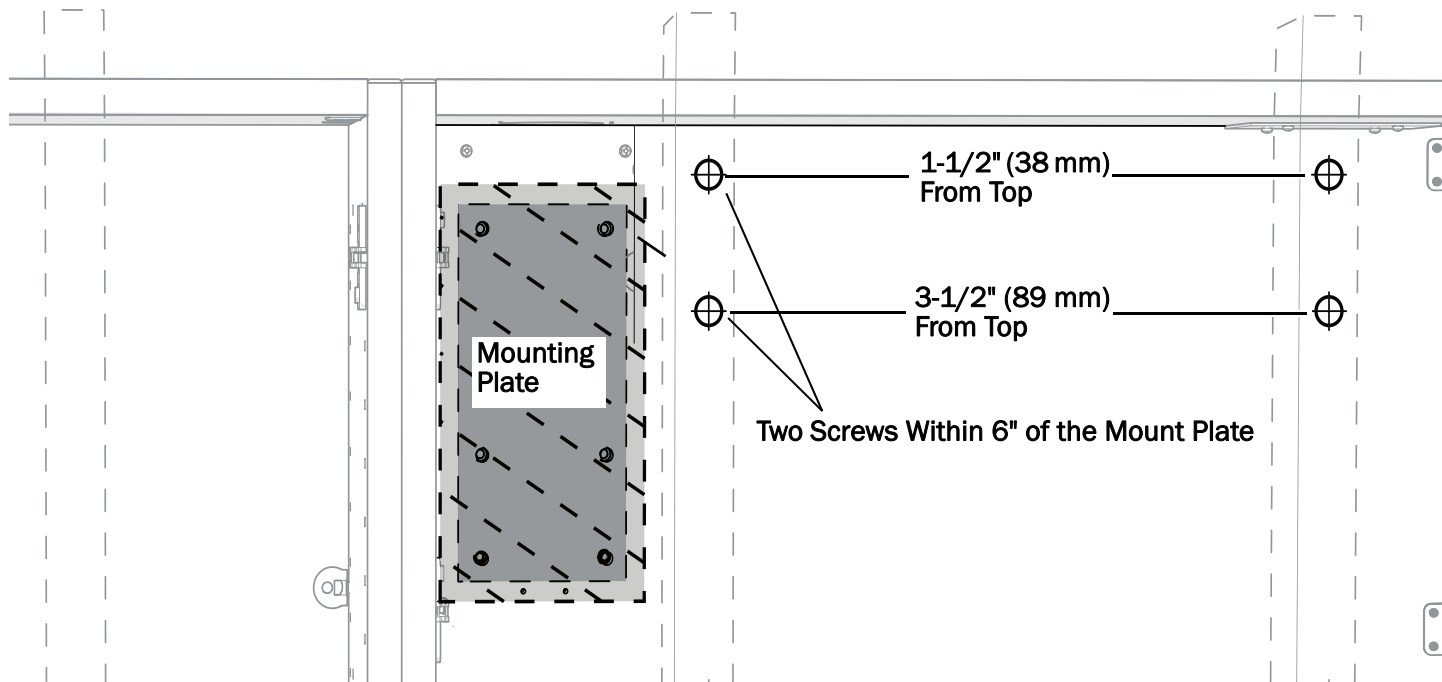
Install the Stabilization Screws



- 1** Use a 3/16" drill bit to drill a hole through the cabinet back at the center of each stud 2" (51 mm) above the bottom of the cabinet. Drill through the cabinet back but not into the stud.
- 2** Install two stabilization screws per cabinet, where possible.
- 3** Install the cap covers on the screws.



Install the Hex Fasteners

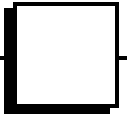


Prepare the Holes for Wood Studs

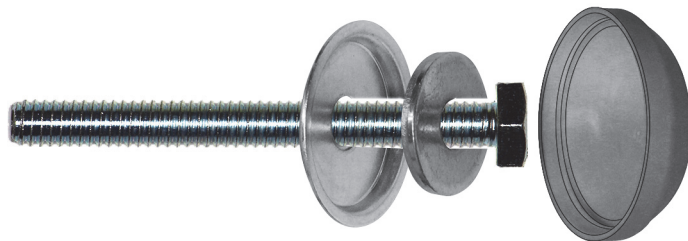
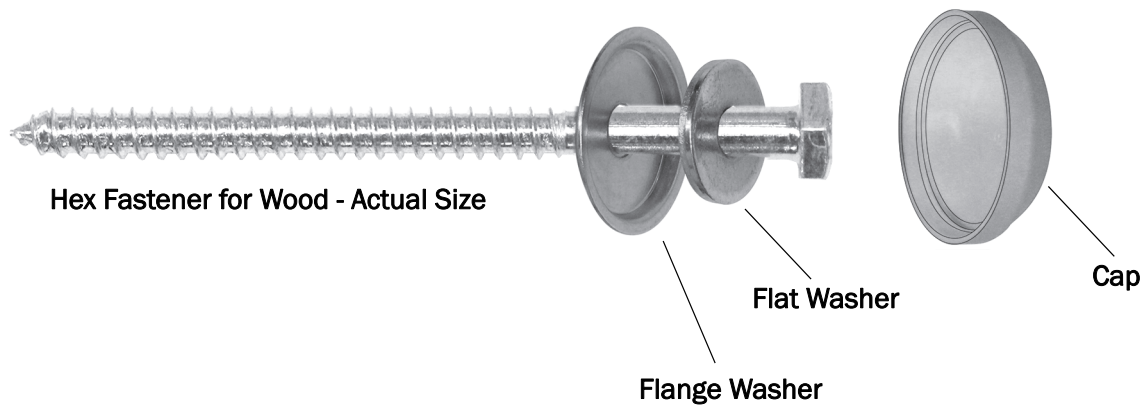
- 1** Use a 3/16" drill bit to drill two holes into each stud in the locations shown in the image.
- 2** Use a 5/16" drill bit to increase the size of the holes in the cabinet only. This creates clearance for the hex fastener.
- 3** Continue with "Install the Hex Fasteners into the Holes" on page 11.

Prepare the Holes for Metal Studs

- 1** Use a 1/2" drill bit to drill a hole through the cabinet into each stud in the locations shown in the image.
- 2** Install toggle anchors through the cabinet into the holes. For more information, see steps 1 through 5 under "Metal Studs and No Studs" on page 5.
- 3** Continue with "Install the Hex Fasteners into the Holes" on page 11.



Install the Hex Fasteners into the Holes



Hex Fastener for Metal - Actual Size

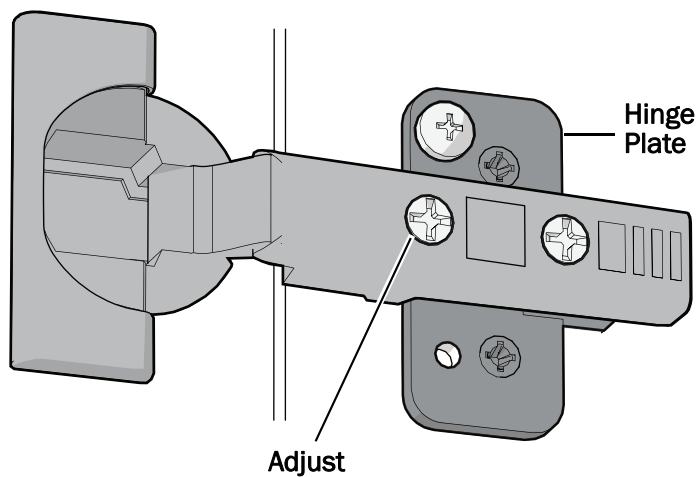
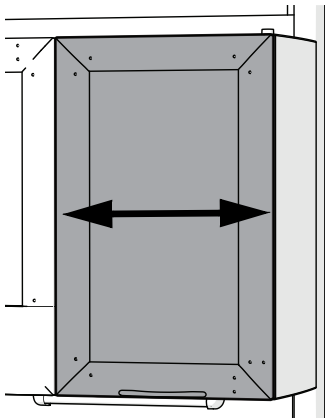
- 1** Install the flat washer and the flange washer onto the hex fastener.
- 2** Install the hex fasteners into each hole and tighten.
- 3** Install the cap onto the hex fastener.

Adjust the Door Hinges

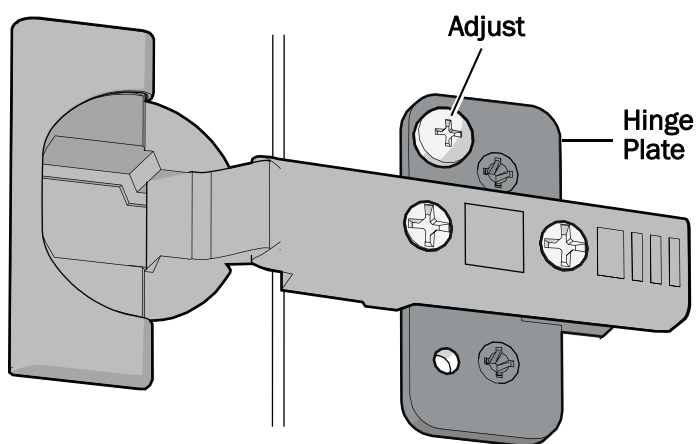
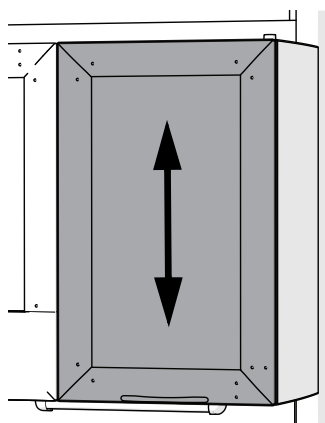


CAUTION To avoid damaging the screws, use a #2 Pozidriv screwdriver to adjust the door hinge screws.

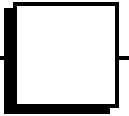
Side to Side



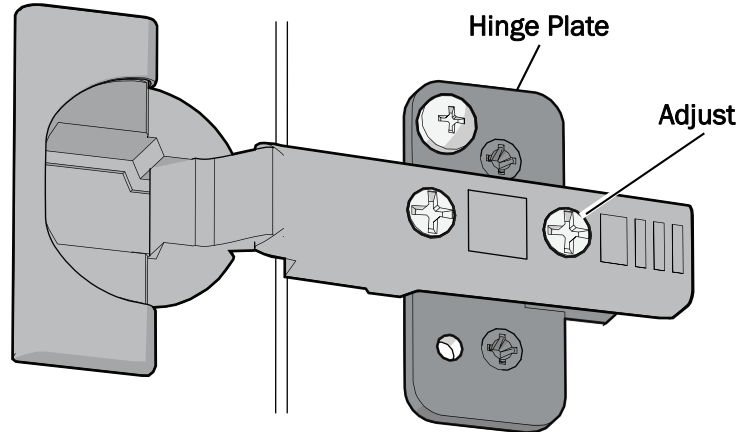
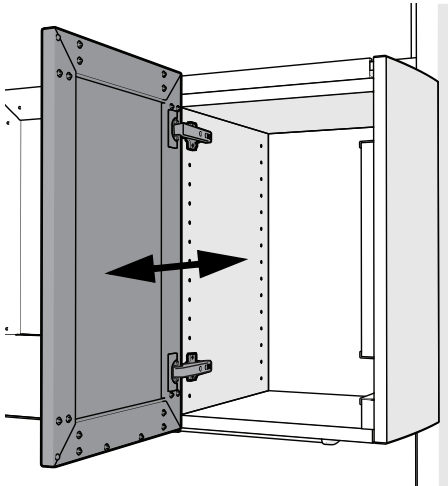
Up and Down



NOTE The screw on the hinge plate may be at the top or bottom, depending on the door.



Back to Front

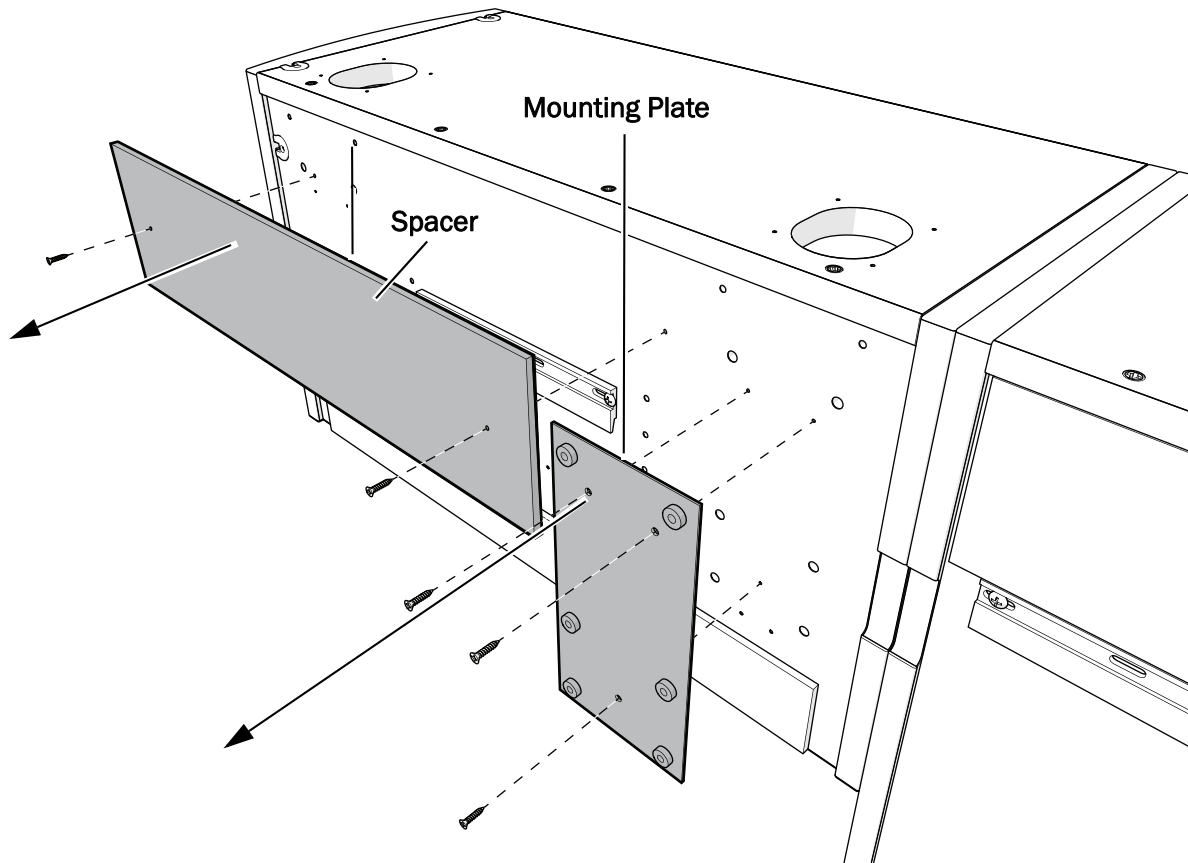


Move the Mounting Plate and Dispensers (optional)

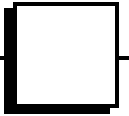
Remove the Plate and Spacer from the Back of the Cabinet



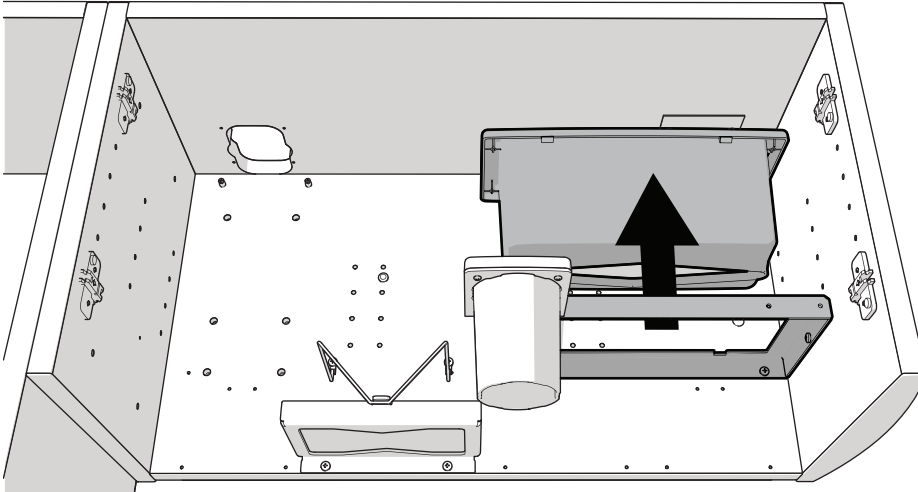
NOTE Follow the instructions in this section only if the mounting plate is in the incorrect position for the desired location of a light or monitor mount to be installed.



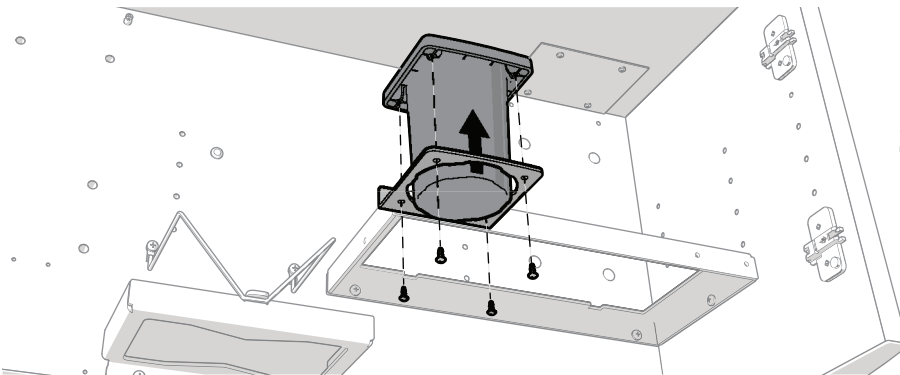
- 1** Remove the five screws to remove the mounting plate and spacer.



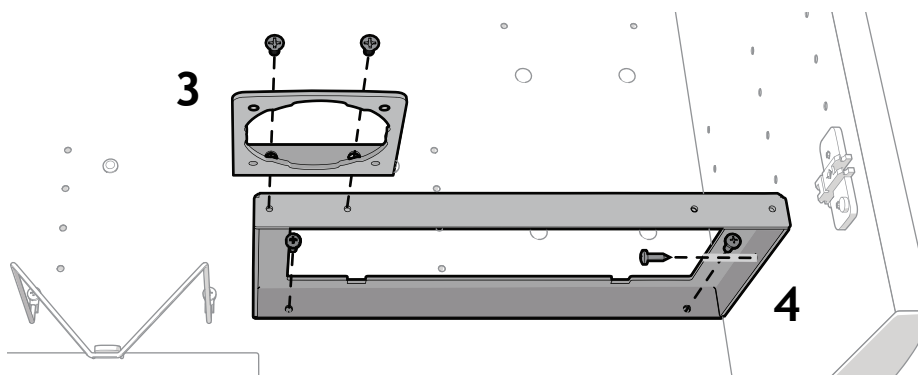
Remove the Dispensers



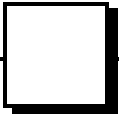
- 1** Remove the towel dispenser.



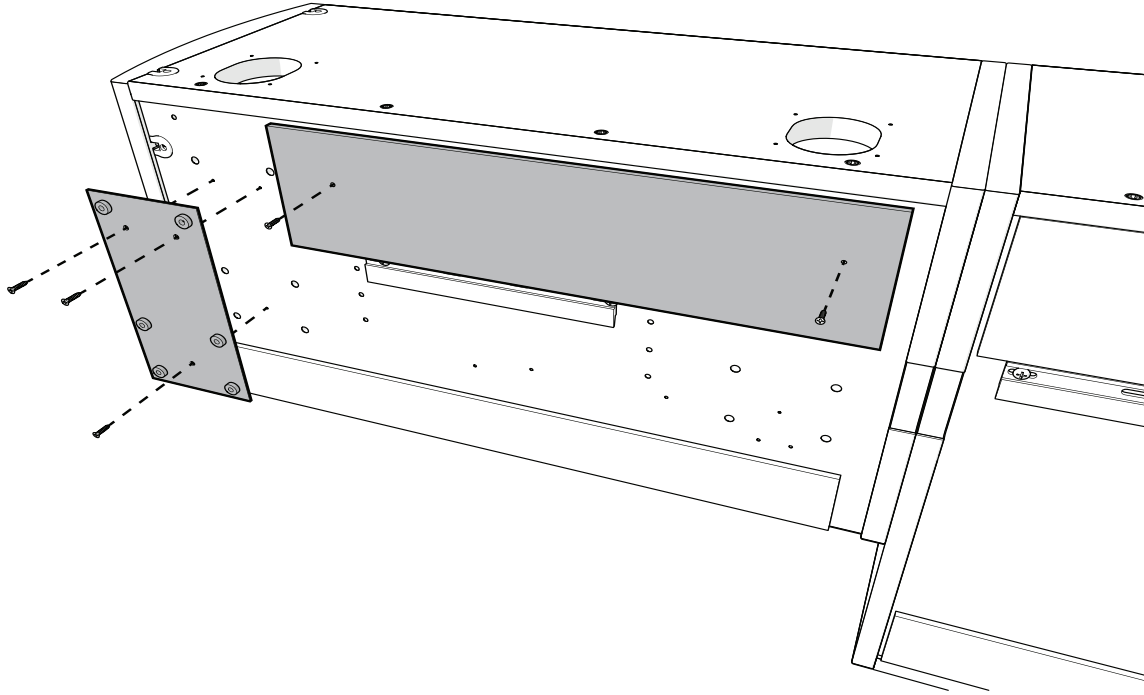
- 2** Remove the four screws securing the cup dispenser. Remove the cup dispenser.



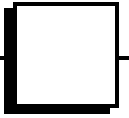
- 3** Remove the two screws securing the cup dispenser bracket. Remove the cup dispenser bracket from the towel dispenser bracket.
- 4** Remove the three screws securing the towel dispenser bracket to the cabinet. Remove the towel dispenser bracket.



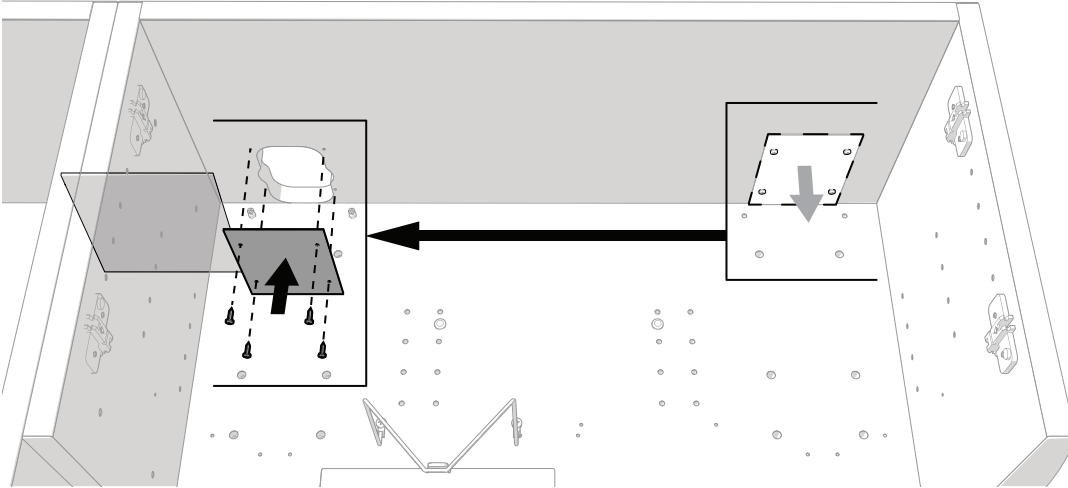
Reinstall the Mounting Plate and Spacer



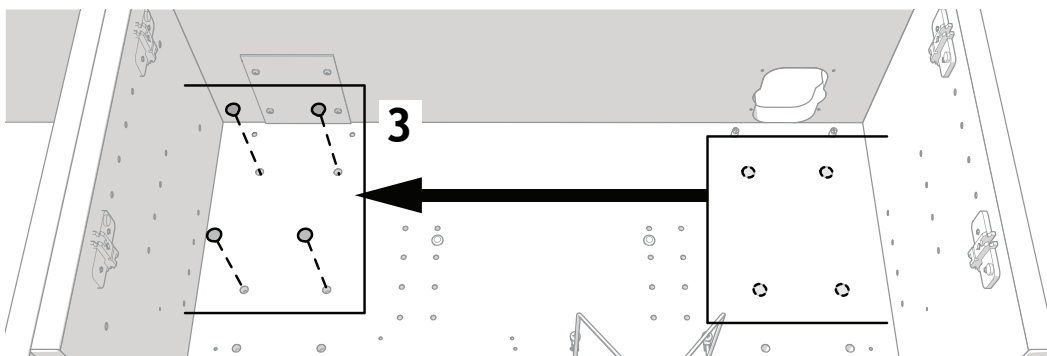
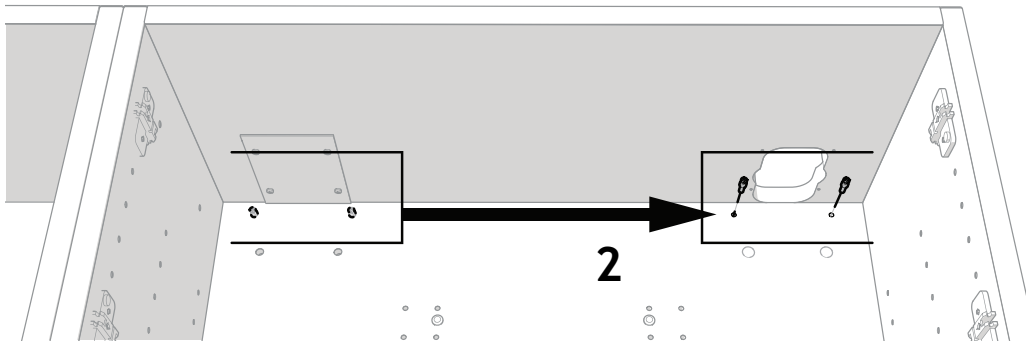
- 1** Reinstall the mounting plate and the spacer in the new location.



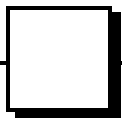
Move the Post Hole Cover, Hole Caps, and Pins



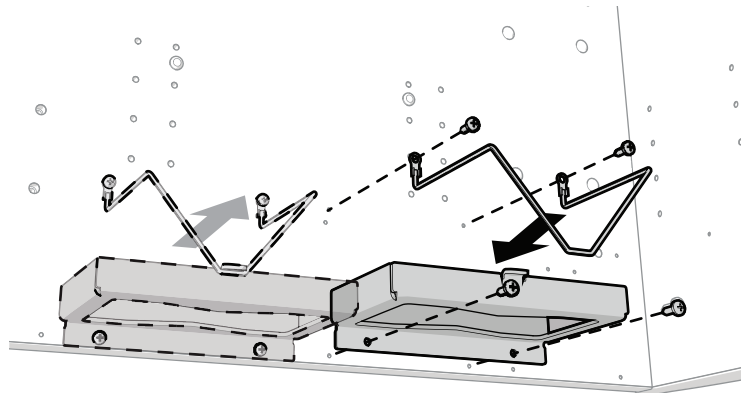
- 1** Move the post hole cover to the new location.



- 2** Move the pins to the new location.
- 3** Move the hole caps to the new location.



Reinstall the Dispensers

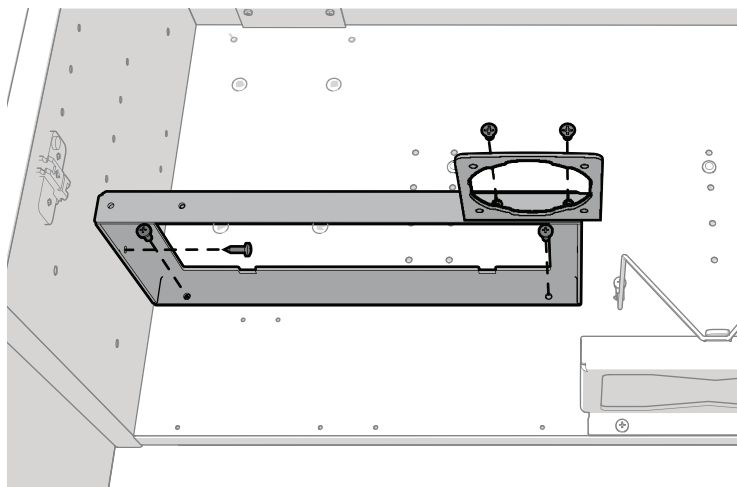


- 1 Move the mask dispenser and bracket to the new location.

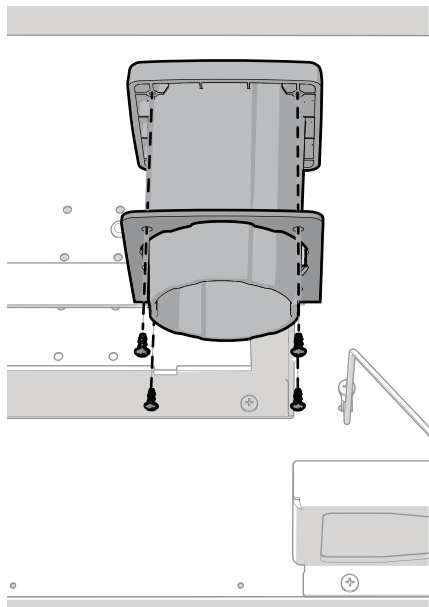


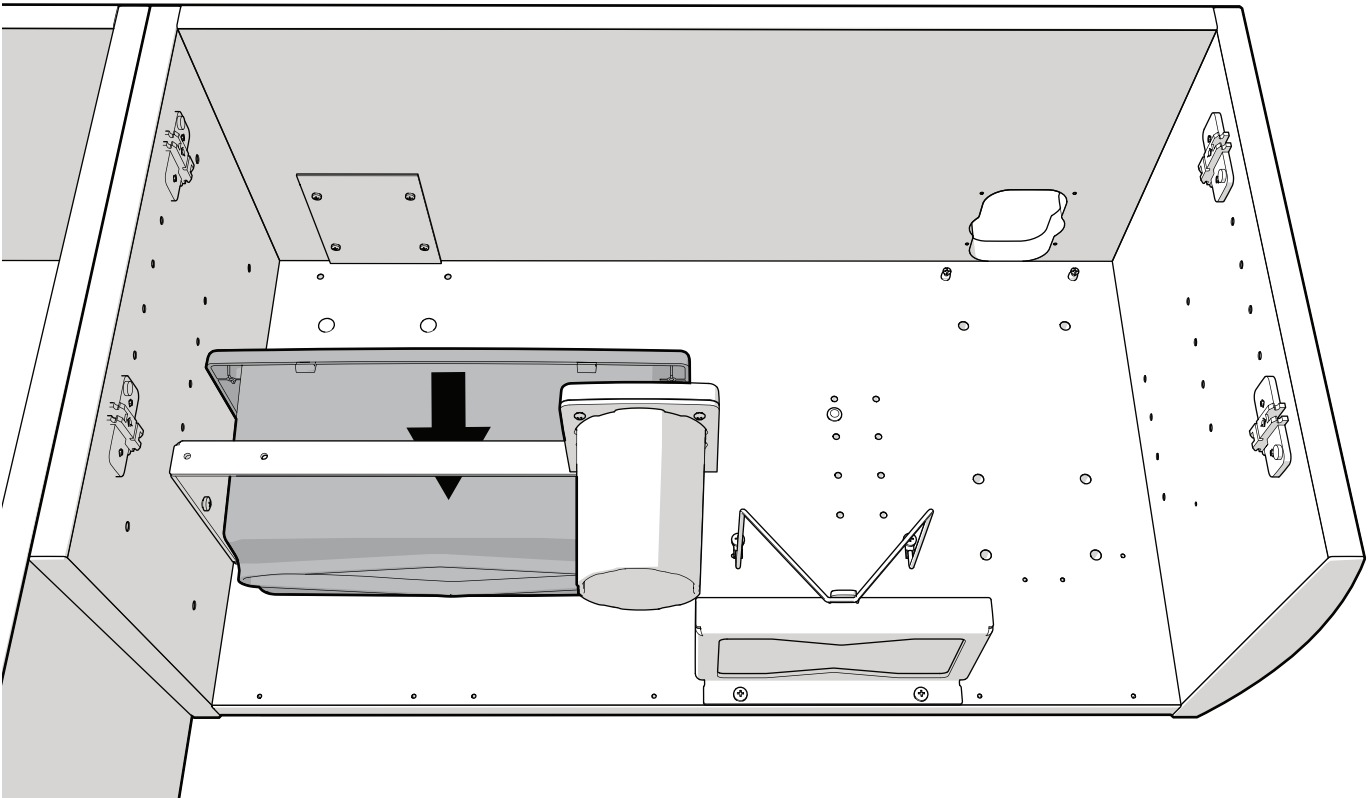
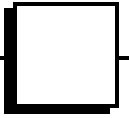
CAUTION The holes in the bracket are not threaded. The screws for the towel and cup dispensers are plastic self-tapping. Be careful to not strip them.

- 2 Install the towel dispenser in the new location; then install the cup dispenser bracket on the towel dispenser bracket.

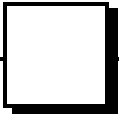


- 3 Install the cup dispenser in the bracket.





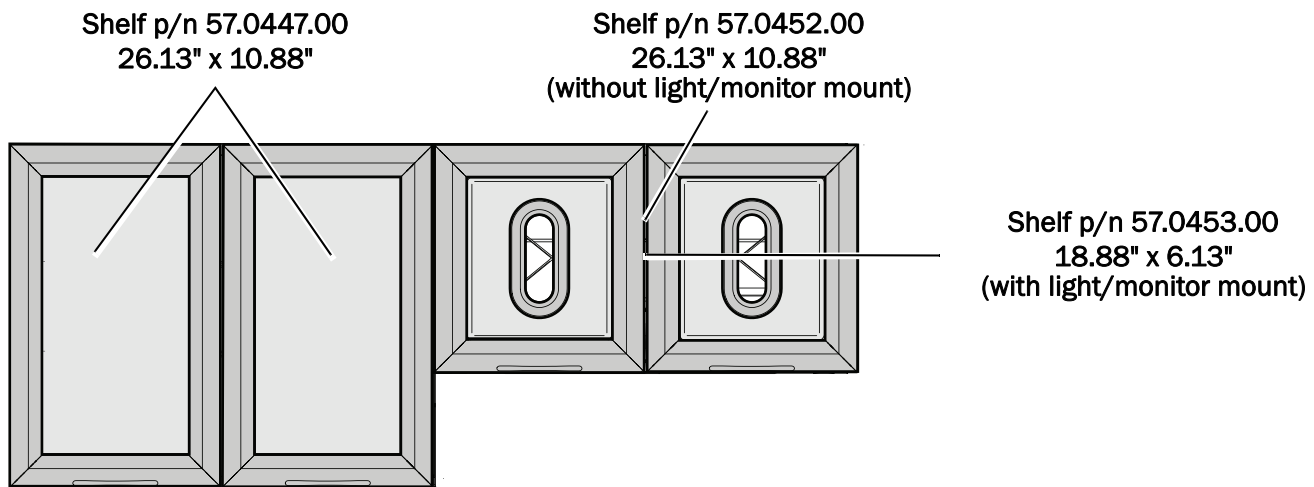
- 4** To Install the towel dispenser in the bracket, position the back clips under the lip of the bracket first and then push the front of the dispenser to snap the front clips under the lip of the bracket.

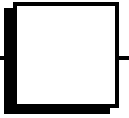


Finish the Installation

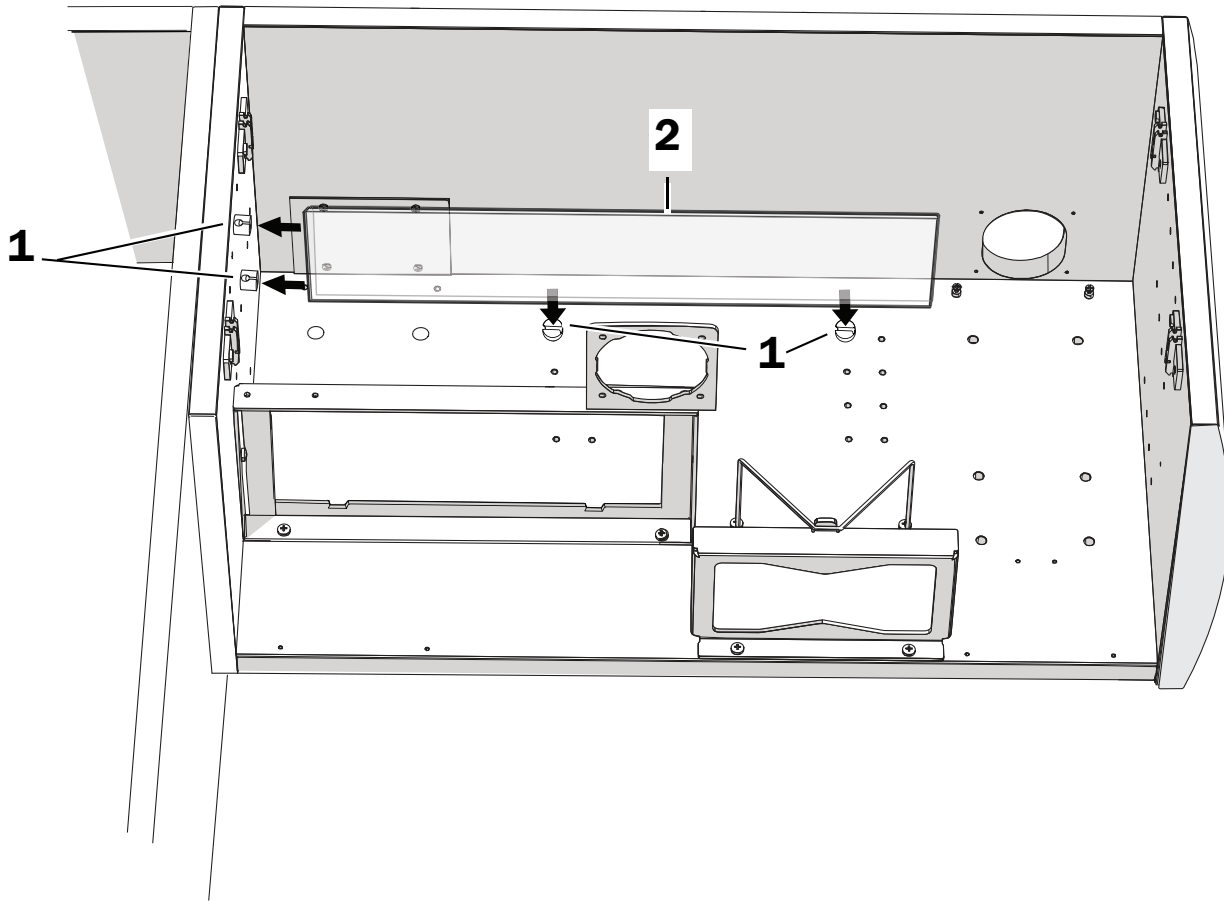
To complete the installation:

- Install the hinge covers.
- Install glass shelves according to the following locations. If a dispenser has a light or monitor mount, see “Install the Shelf Clips and Glass Shelf (Dispenser with Light/Monitor Mount Only)” on page 21 for the hole locations used with the shelf clips.





Install the Shelf Clips and Glass Shelf (Dispenser with Light/Monitor Mount Only)



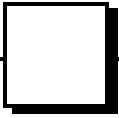
NOTE The image above shows the light/monitor mount location on the right side of the dispenser module. If you switched the location of the mount to the left side, the shelf will be installed on the right side of the module.

1 Install the four shelf clips in the hole locations shown in the image.



TIP Use a rubber mallet to help install the clips.

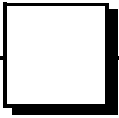
2 Install the glass shelf.



Test the System

After you have completed the installation of the A-dec Inspire 595 Wall-Mounted Cabinet, use the *A-dec Dental Furniture Installation Checklist* (p/n 86.0624.00) to test the system. The checklist ships with the product.





Regulatory Information

Regulatory information mandated by agency requirements is provided in the *Regulatory Information, Specifications, and Warranty* document (p/n 86.0221.00), which is available in the Document Library at www.a-dec.com.

Pozidriv is a registered trademark of the Phillips Screw Company.

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