



A-dec Inspire 595™ X-Ray Storage Insert

INSTALLATION GUIDE



Recommended Tools

- Power screwdriver with Phillips head bit
- Hex key set
- Four-foot level
- #2 Pozidriv® screwdriver
- Hammer
- Utility knife

Important Information



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

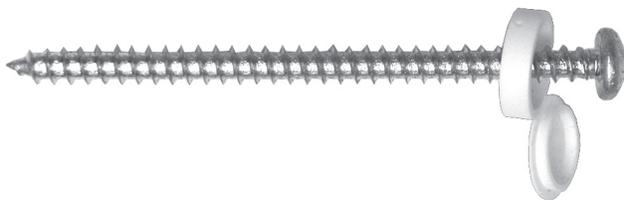


WARNING Refer to the *A-dec Inspire Dental Furniture Pre-Installation Guide* (p/n 86.0528.00) found in the Document Library on www.a-dec.com for framing requirements and other pre-installation instructions. Ensure that all installations conform to local building codes and requirements.

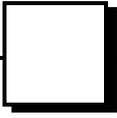


CAUTION Two people should install this cabinet to avoid personal injury.

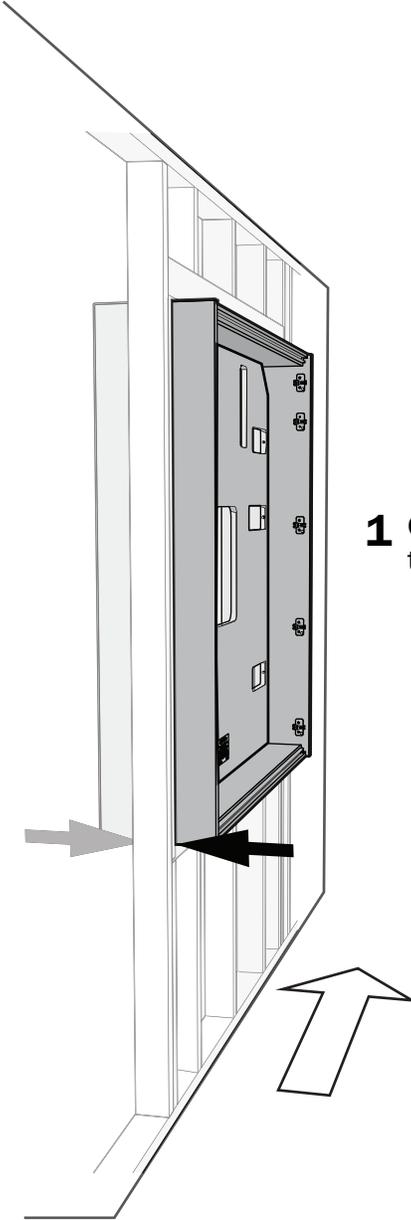
Prepare the 3" Screws



- 1** Install a cover cap on each 3" screw but do not secure the cap.

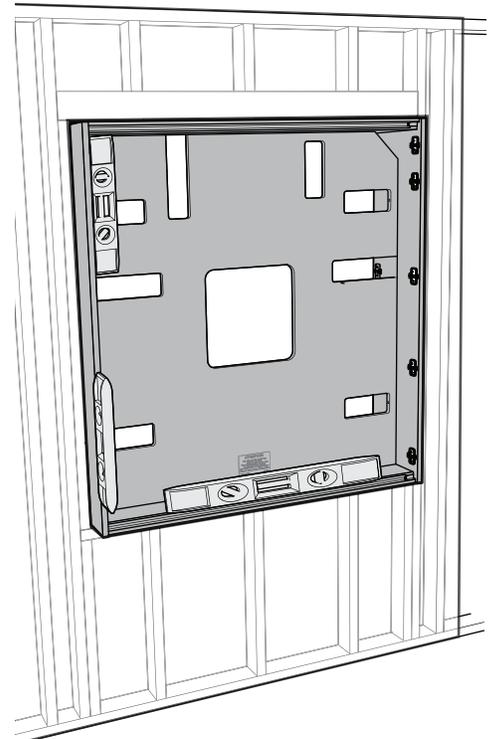


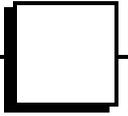
Position the X-ray Insert



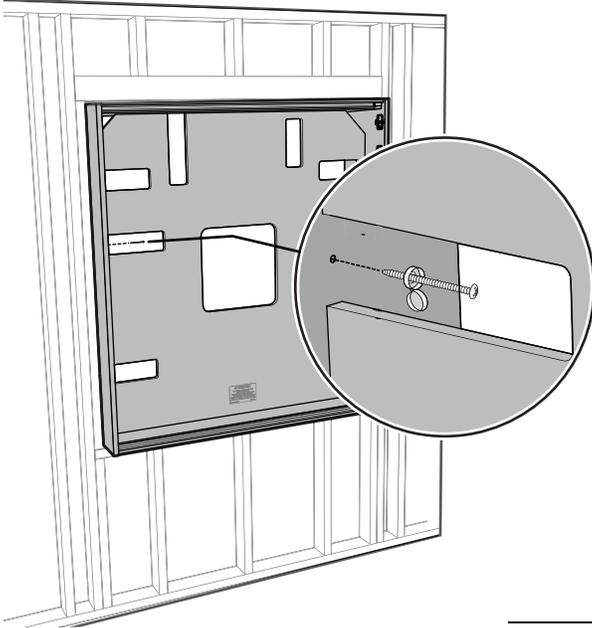
- 1** Center the insert in the wall between the two operatories with the door hinge plates toward the toe of the chair.

- 2** Check that the x-ray side and the bottom are level, plumb, and square. Use shims as necessary.



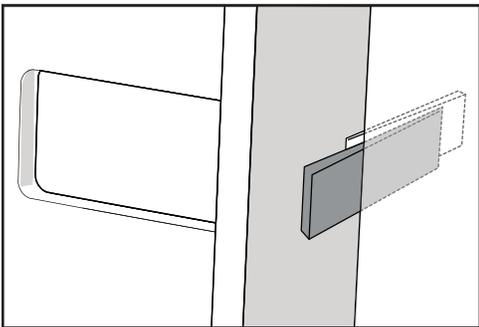


Secure the X-ray Insert



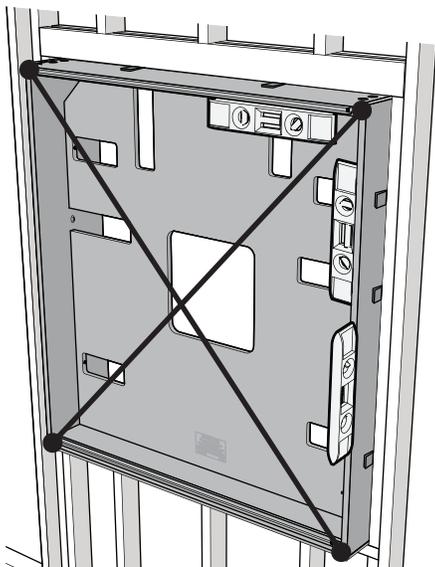
CAUTION A pilot hole may be necessary in metal studs to avoid stripping the screw threads or the metal stud.

- 1** Install a #10 3" screw with cap in the center hole of the x-ray side to secure the insert to the frame.

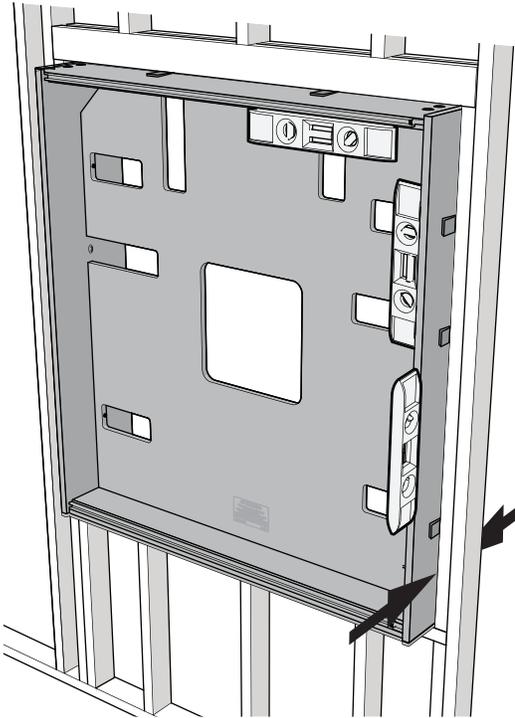


CAUTION If you do not use shims in the gaps between the insert and sides of the wall opening, damage or bowing of the insert may occur. If the insert is not square, the doors may not open properly.

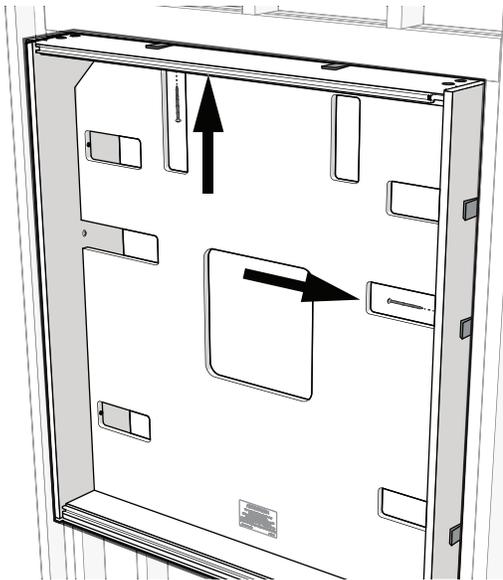
- 2** Place shims at screw locations to fill gaps and to help level, plumb, and square the insert.



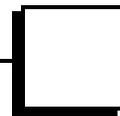
NOTE The insert is square when the cross dimensions are equal.



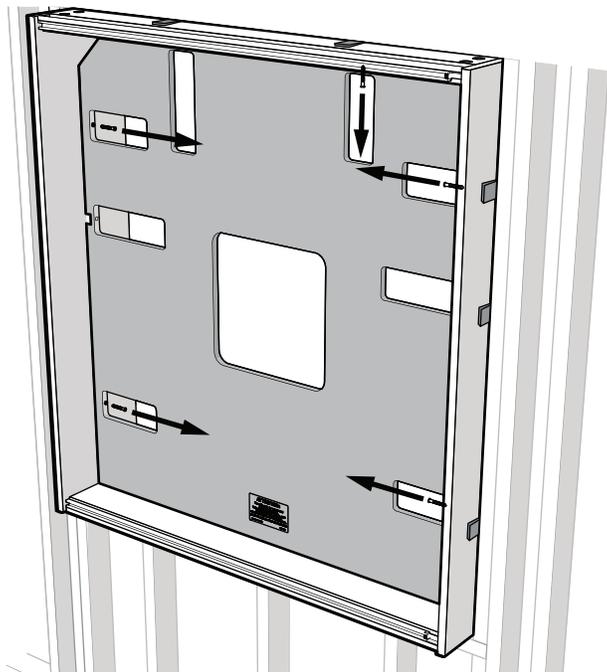
3 Verify that the insert is still centered between rooms.



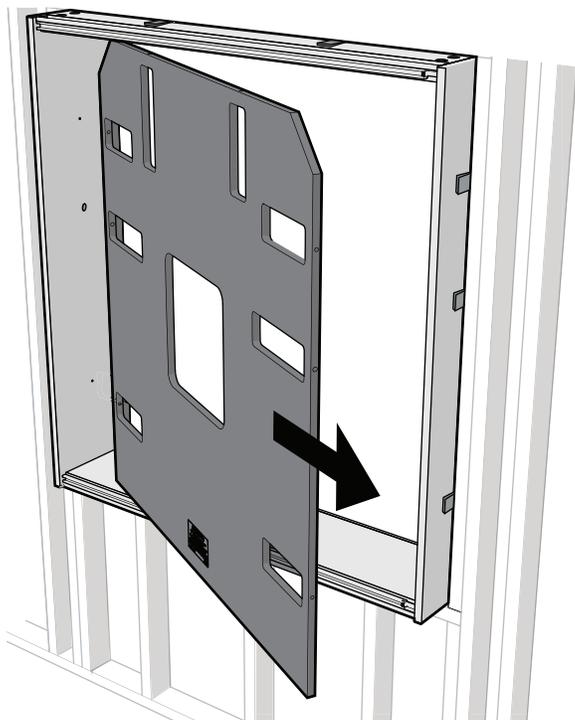
4 Secure the insert to the frame with two 3" screws with caps.



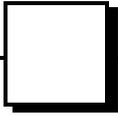
Remove the Shipping Panel



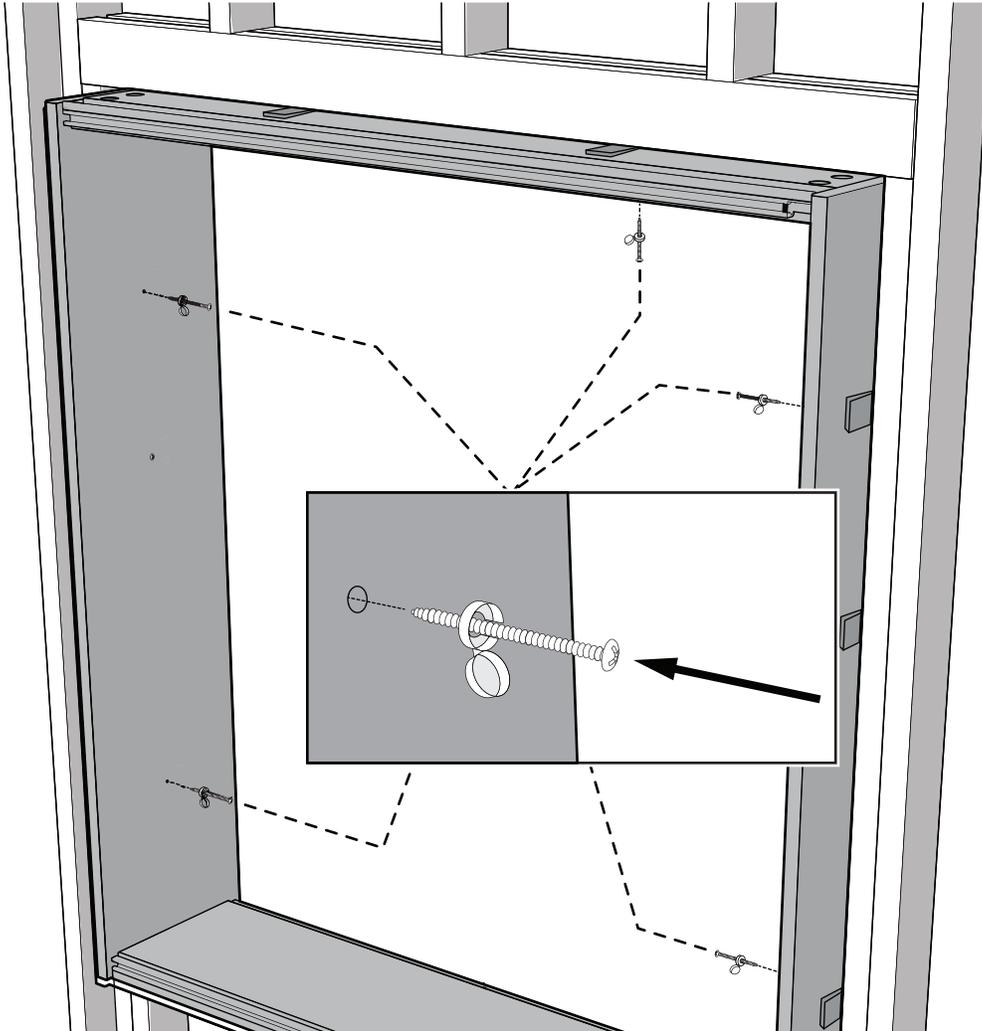
- 1** Remove the five screws securing the shipping panel to the insert.



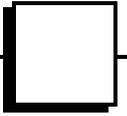
- 2** Remove and discard the shipping panel.



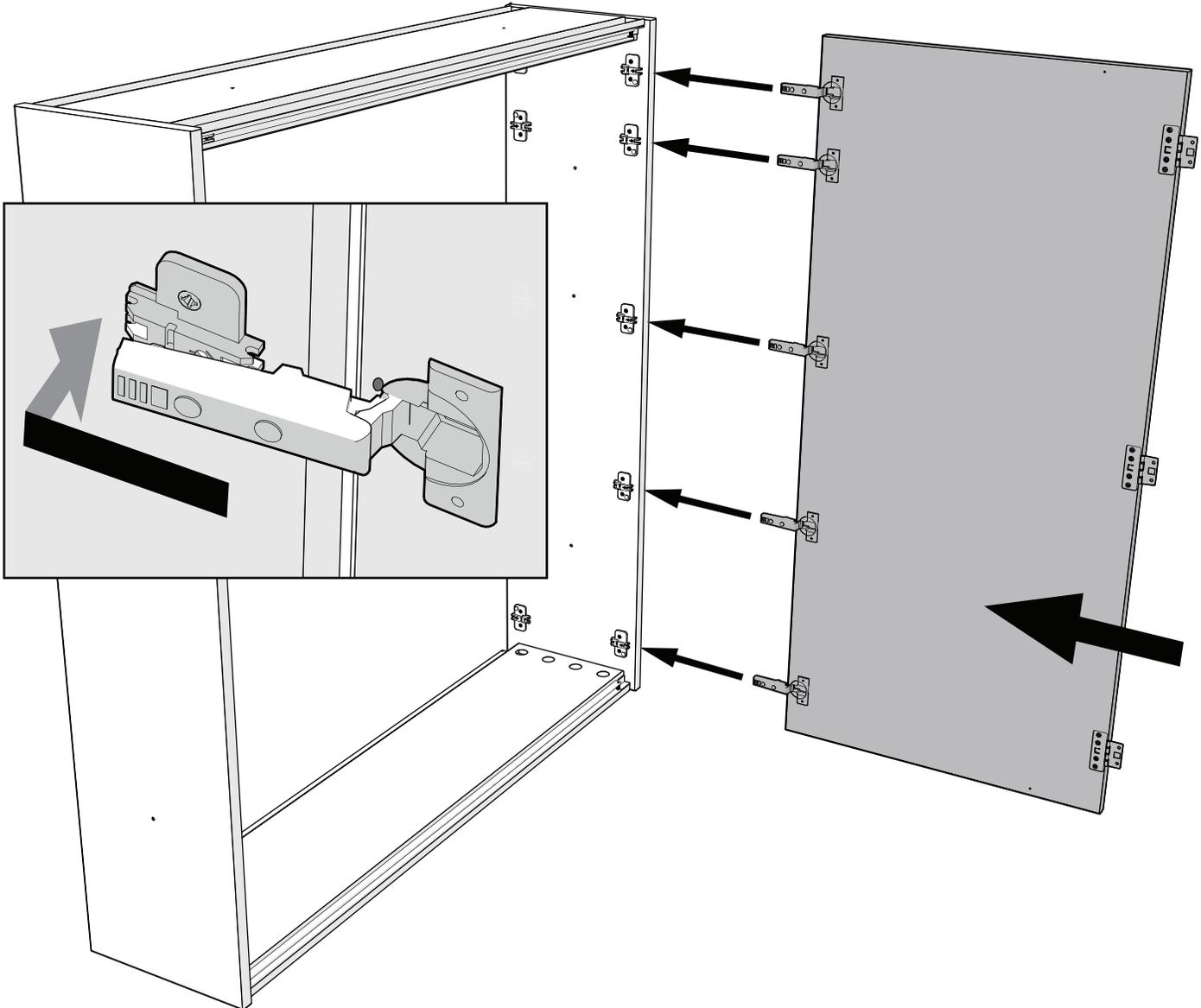
Install the Remaining Screws



- 1** Install five 3" screws with caps through the insert and shims, and into the frame.
- 2** Close the cover caps on all of the screws.



Attach the Hinged Panels

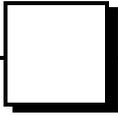


- 1** Fully open all of the hinges.
- 2** Beginning with the top hinge and working to the bottom one, snap each hinge into place.

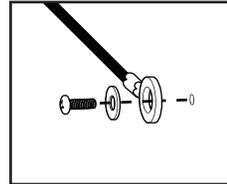
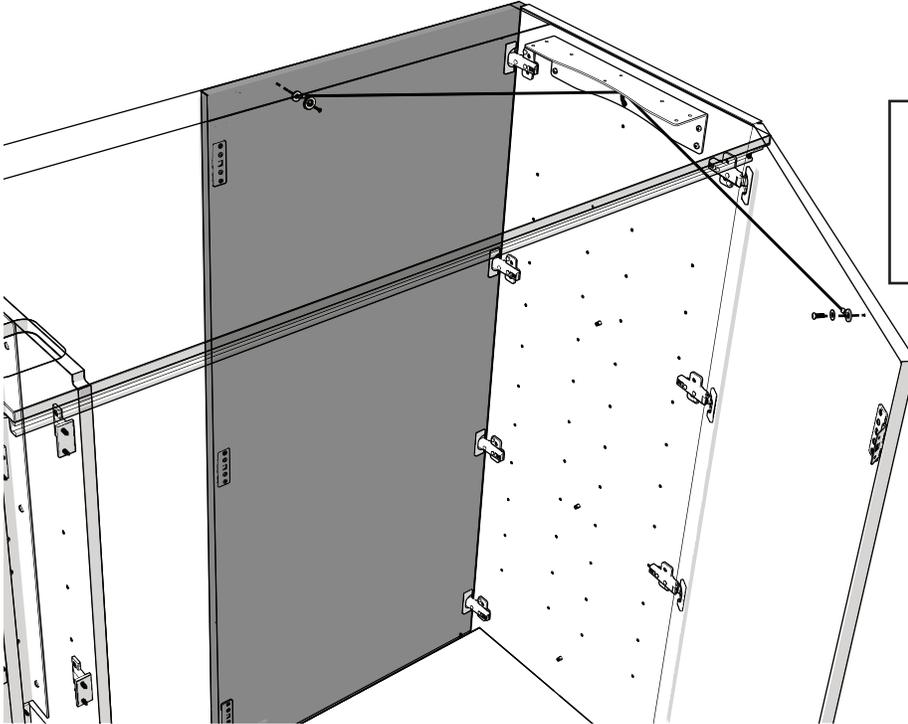


TIP Lift up on the bottom of the door to distribute the weight evenly. This makes it easier to snap the hinges together.

- 3** Repeat steps 1 and 2 for the hinged panel on the other side.



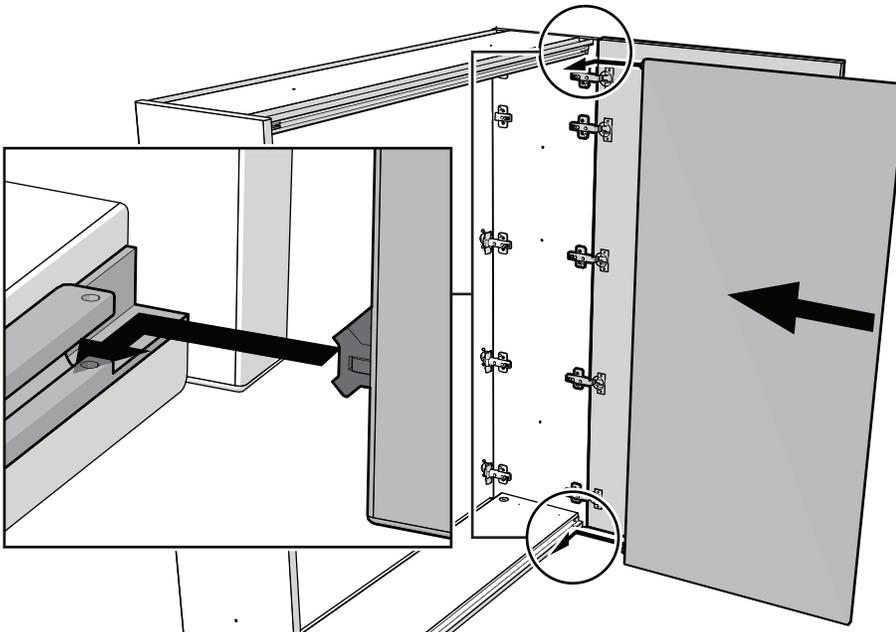
Install the Door Cable (used on wooden doors with attenuation material only)



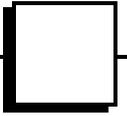
Actual Size

- 1** Uncoil the cable on the end panel but leave it in the eyelet.
- 2** Secure the ends of the cable to the doors.

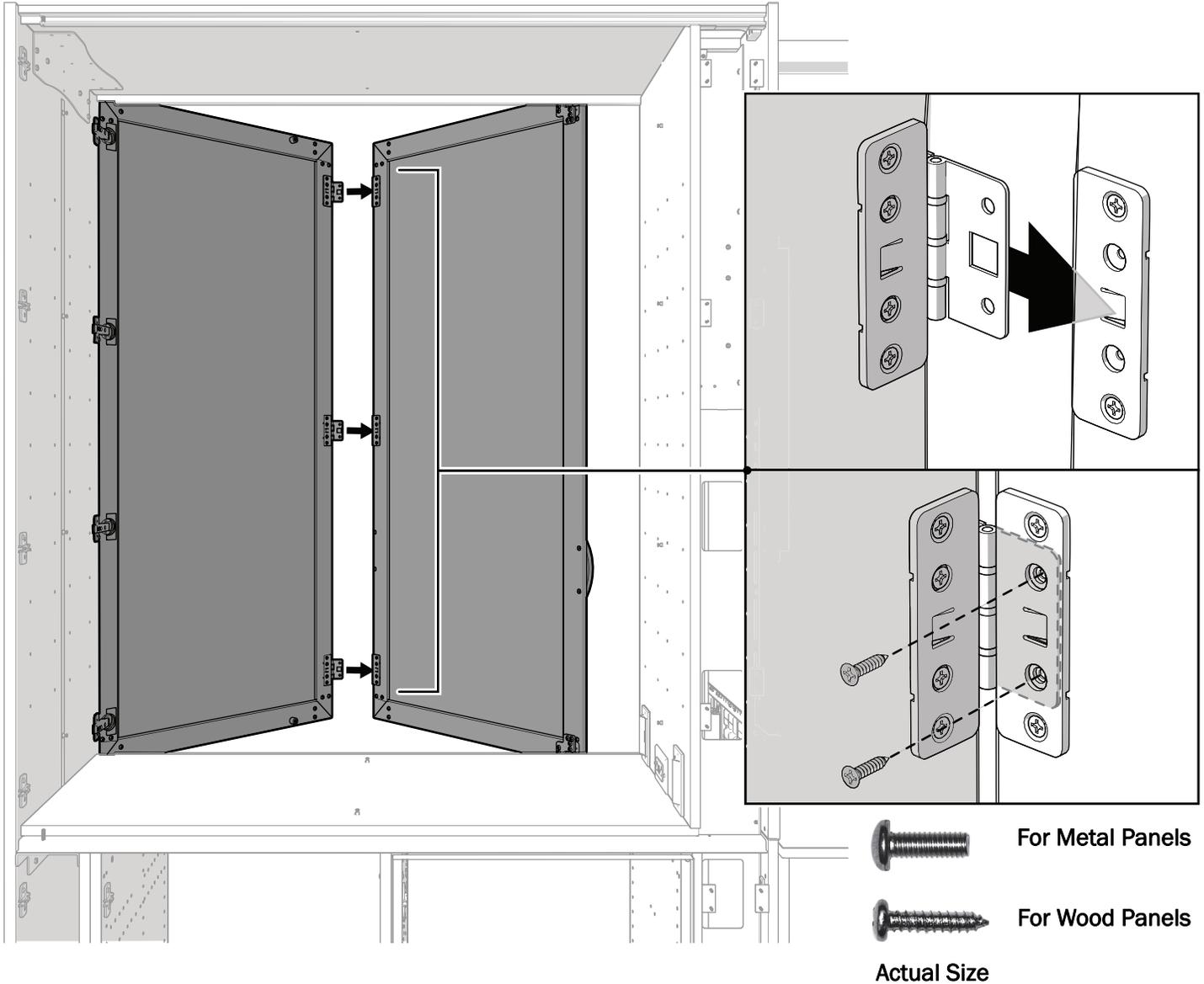
Install the Glide Panel



- 1** Install the bottom glide first, then install the top glide.



Connect the Panels



- 1** To connect the two panels, slide the three tabs into the hinge plates.

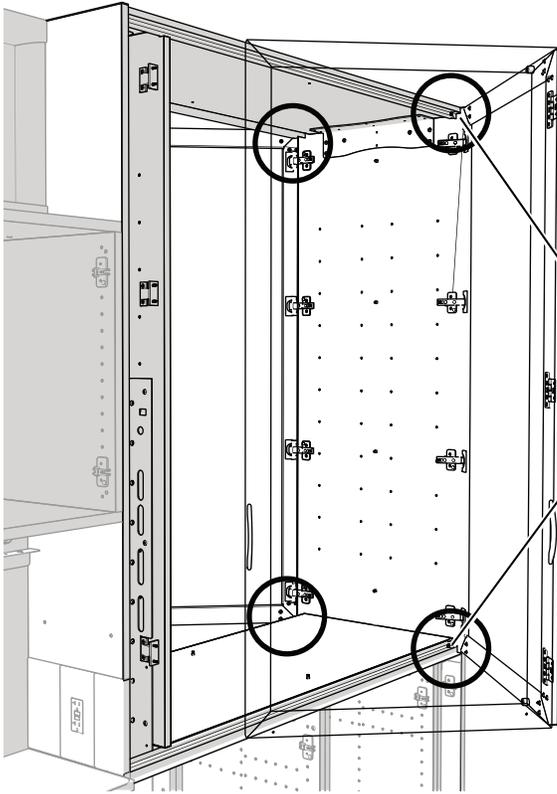


TIP Ensure all hinge tabs are seated in the slot in the hinge plates before you snap the first one in. If necessary, pry up the tab on the hinge with a standard screwdriver to detach the two pieces.

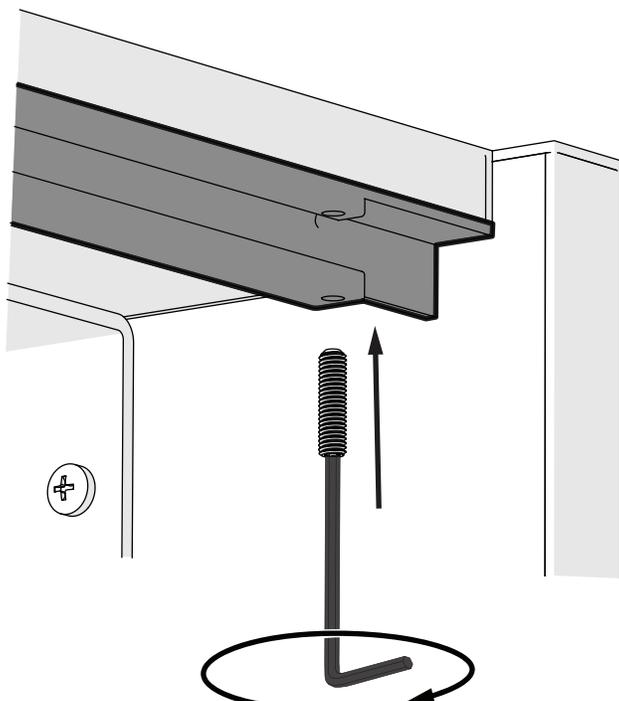
- 2** Use a Phillips head screwdriver to install two screws in the middle holes of the hinges.
- 3** Complete installing and connecting the glide panel on the other side.



Install the Setscrews



- 1** Open the doors so you can access the setscrew locations.

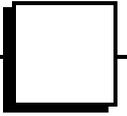


- 2** Use a hex key to install the four setscrews that prevent the glides from coming off the rails. The heads of the screws should be flush with the top of the rails.



Actual Size

- 3** Open and close each door several times to evenly spread the lubricant in the rails.

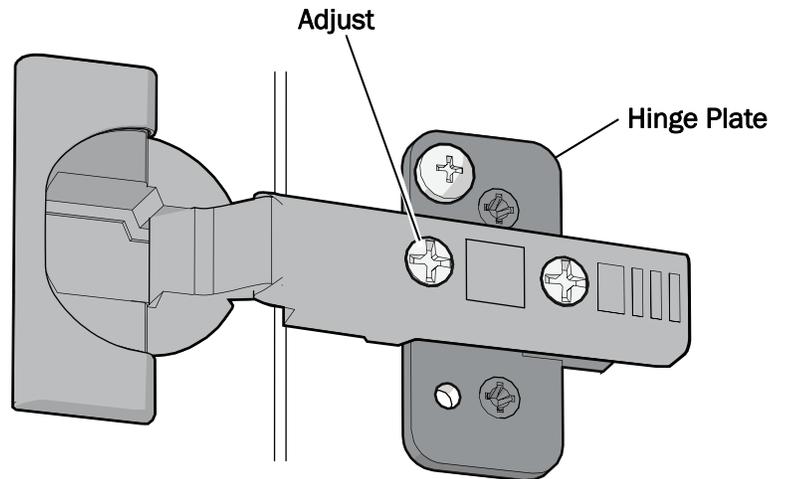
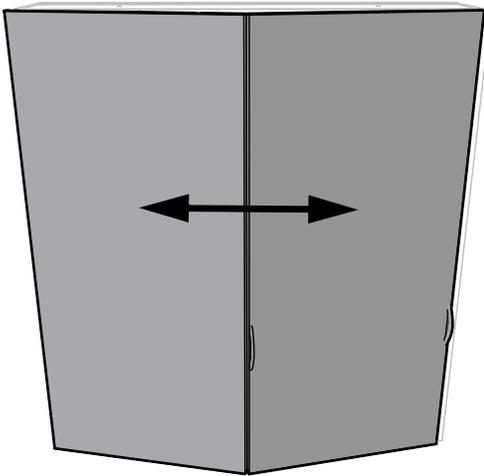


Adjust the Door Hinges



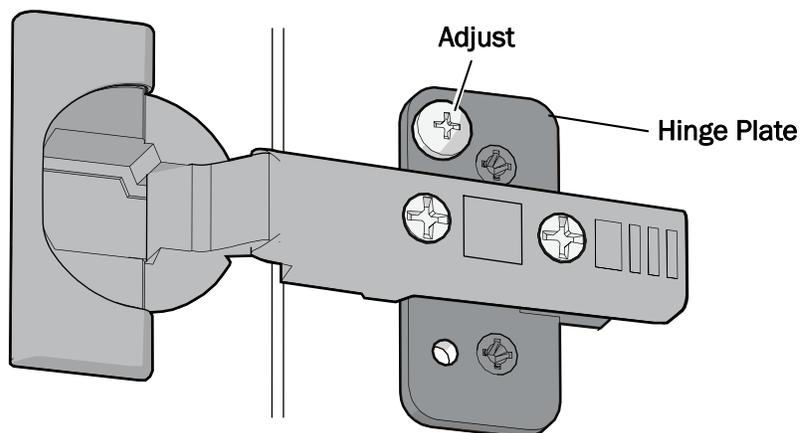
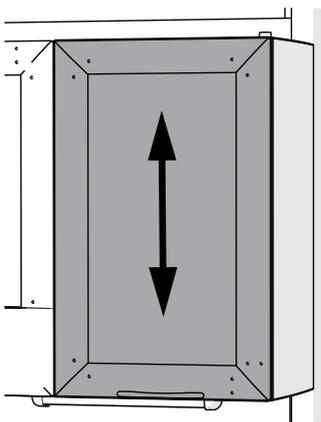
CAUTION To avoid damaging the screws, use a #2 Pozidriv Phillips head screwdriver to adjust and properly align the doors.

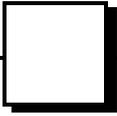
Side to Side



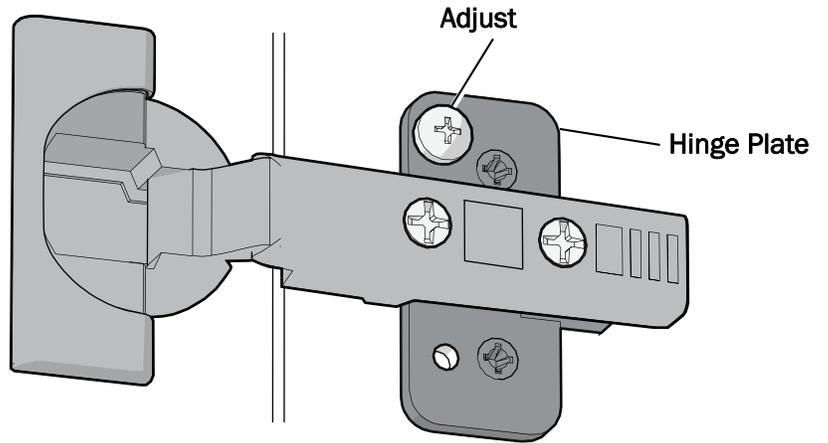
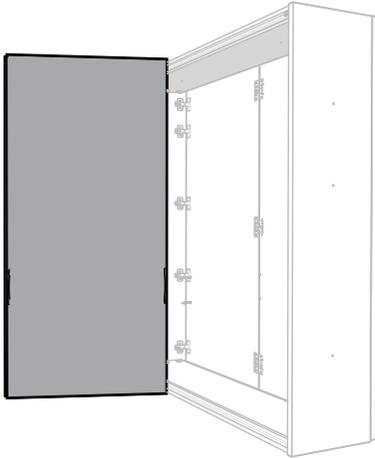
- 1 Use the handle in the middle of the cabinet to open and close the doors to ensure they have been adjusted properly. The doors should open easily and smoothly, without any drag or chatter. To remove drag, you may have to adjust one hinge more than the others.

Up and Down



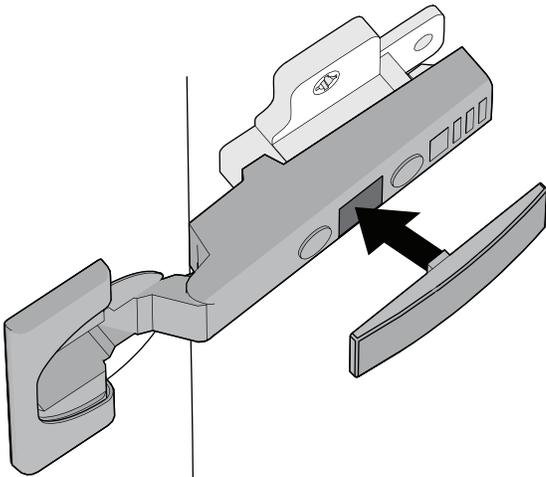


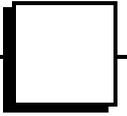
Back to Front



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

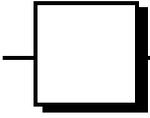
Install the Hinge Covers

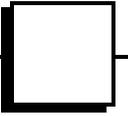




Test the System

After you have completed the installation of the A-dec Inspire 595 X-ray Storage Insert, 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 Phillips Screw Company.

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