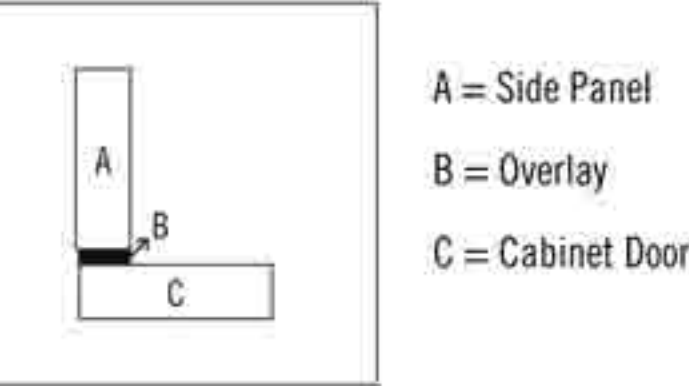


BP7165A-C14 One pair

Recommended Number of Hinges Per Door Size



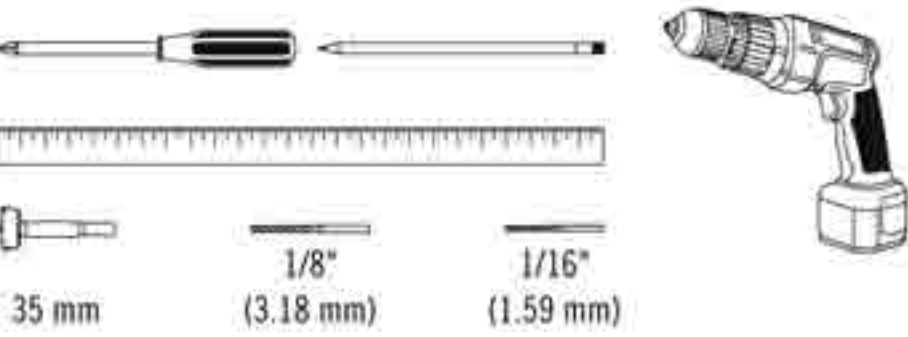
Full Overlay, Concealed Hinges



Self-Closing, Clip-on Assembly

165° Opening for Frameless Cabinets
3-Dimensional Adjustment

Tools Required



Installation Instructions (New Construction)

Door Preparation:

- Determine the **OVERLAY** that you want to achieve. Overlay is simply the amount that the door overlaps the side panel on each side. For example: If your cabinet opening is 600 mm wide and your door is 626 mm wide, the door will overlap the side panel by 13 mm on each side. Once you have decided what overlay you want, refer to the **OVERLAY CHART** to determine the corresponding **TAB (C)** dimension. Remember this number (C), you will need it in step #2.
- Place two marks on the back of your door that are **EXACTLY** 17.5 mm+C from the edge of the door. One mark should be about 3" (76 mm) from the top and one should be about 3" (76 mm) from the bottom. These marks will be the center of the 35mm cup hole.
- At the marks you made in step #2, use the 35 mm drill bit to drill holes that are 12 mm deep. A drill press works best for this.
- Place hinges in the cup holes (situated as in illustration #1). Making sure that the hinges are in the hole straight, mark the center for each #6 mounting screw on the back of the door. Remove hinges.
- Use a 3/32" drill bit to drill pilot holes at all the marks you made in step #4. Be very careful not to drill through the front of the door. Replace hinges and secure with #6 flat head screws.

Side Panel Preparation:

- With hinges mounted in the door, hold the door so that it is centered in the cabinet opening (you may need help holding the door). Mark the inside of the side panel at the exact center of each hinge. At each mark, measure back from the front edge of the side panel **EXACTLY** 37 mm and draw a vertical line that is at least as long as the mounting plate.
- Place each mounting plate on the line you drew in Step #1, with the mounting holes centered on the line. The plate itself should be aligned with the center of its corresponding hinge. Now mark the center of each mounting hole for the #7 screws.
- Use a 3/32" drill bit to drill pilot holes at the marks you made in Step #2. Be very careful to not to drill through the side panel. Now secure the mounting plates with the #7 flathead screws.
- Now mount the doors to the cabinet by securely clipping the hinge onto the plate. This works much like a step-in ski binding. The door can be removed by simply pressing the button located on the end of the hinge arm.

Note: It may now be necessary to adjust your hinges vertically and/or horizontally to assure that the door is perfectly centered.

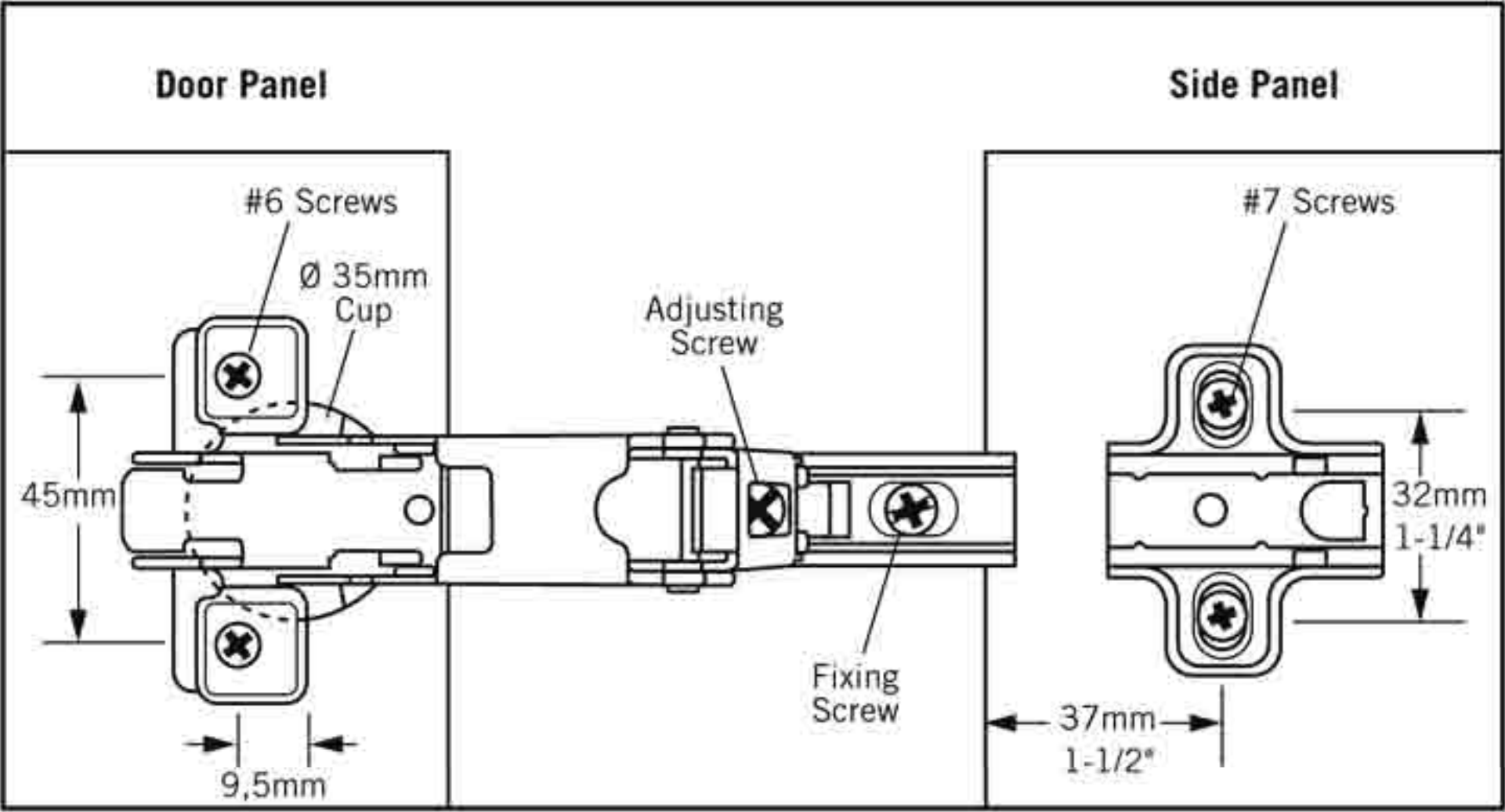


Illustration 1

Installation Instructions (Replacement)

It is possible to use Amerock concealed hinges as replacements for other manufacturers' frameless concealed hinges:

- Remove old hinges.
 - As in "Door Preparation Step #1", make sure you have purchased hinges with the proper overlay. Place hinges in existing 35 mm holes. Mark the center of all #6 mounting screws.
 - It may be necessary to use wood putty to fill the old mounting screw holes. Also the cabinet manufacturer may have used plastic fittings to attach the hinge to the door. These fittings may need to be removed and the holes filled as well.
- Now follow "Door Preparation Step #5" and side panel preparation steps to finish the replacement process.

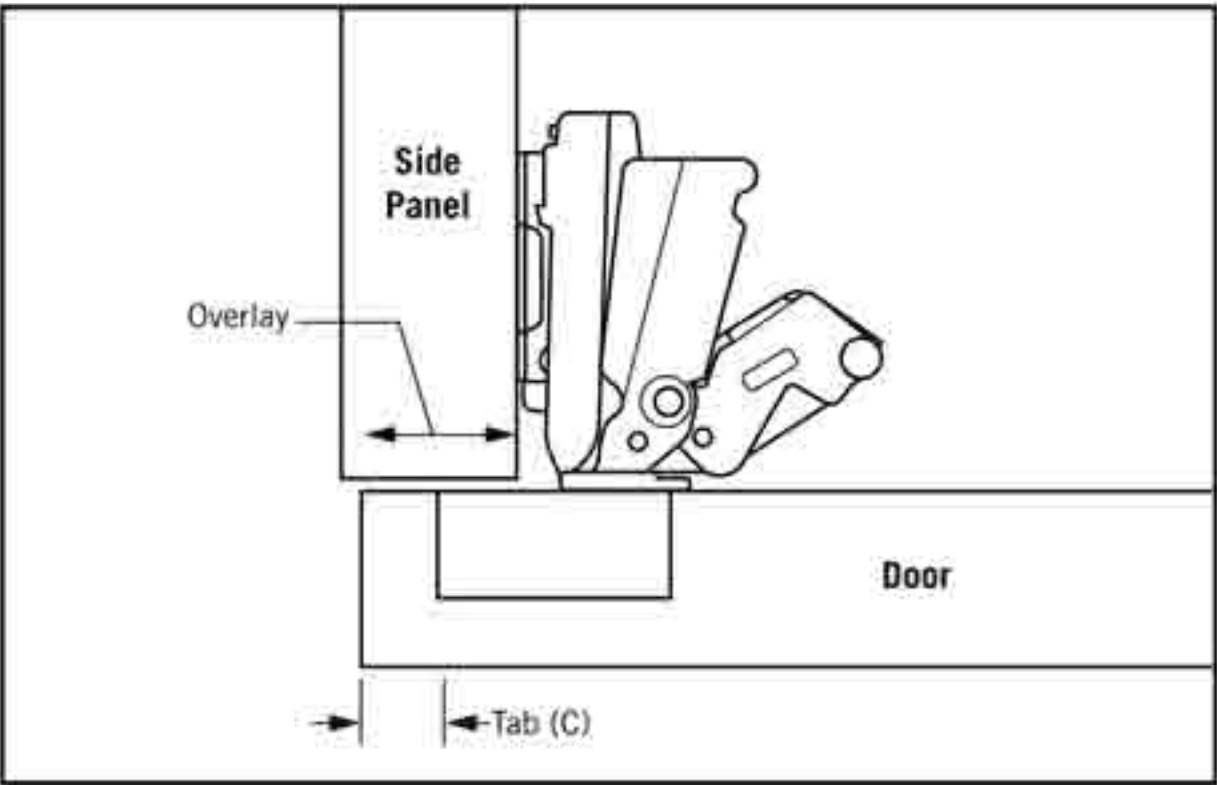


Illustration 2

Overlay Chart	
Overlay	Tab (C)
17 mm	3 mm
17,5 mm	3,5 mm
18 mm	4 mm
18,5 mm	4,5 mm
19 mm	5 mm
19,5 mm	5,5 mm
20 mm	6 mm

Note: Hinges are preset at the factory to achieve the above overlays when the corresponding tab dimensions are used. However, the overlay can be decreased by as much as 4 mm by using the horizontal adjustment feature on the hinge.

Adjustment

Horizontal (Left and Right) Adjustment

To move the door left or right, loosen the fixing screw (A), then turn the adjusting screw (B) to change the overlay. Total range of movement is about 4 mm. When the door is in the desired position retighten the fixing screw (A).

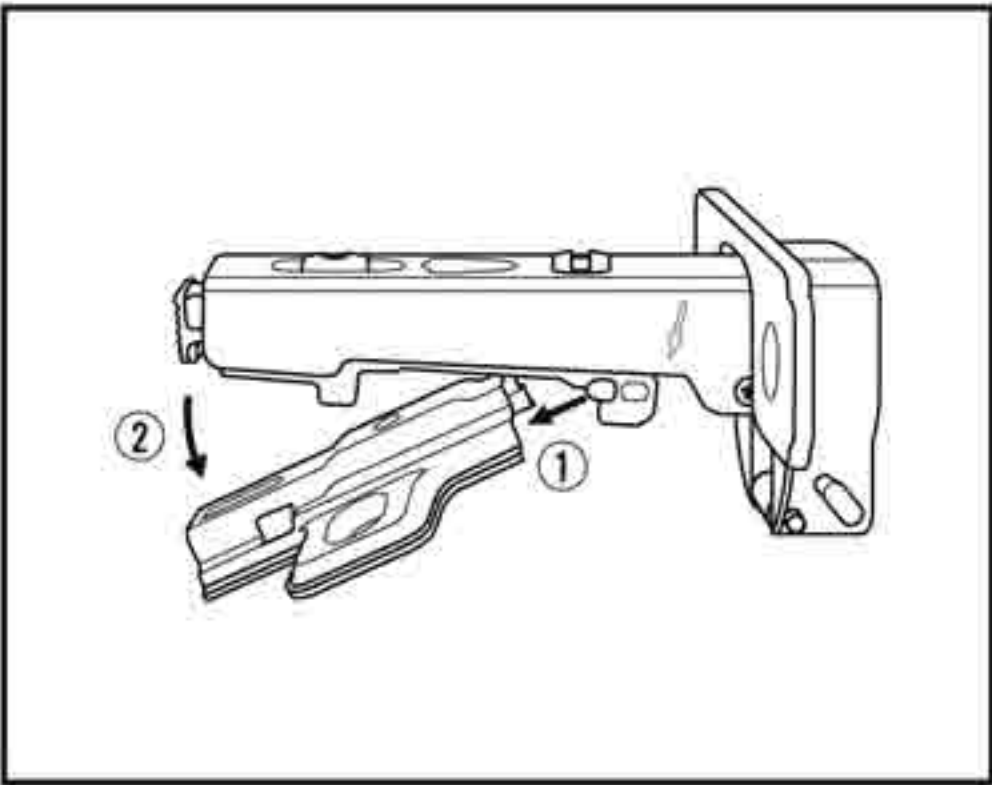
Depth (In and Out) Adjustment

The gap between the door and the cabinet can be easily adjusted. Loosen fixing screw (A), move hinge to desired position and retighten fixing screw (A). Total range of in and out adjustment is about 4 mm.

Note: You may need to loosen the adjusting screw (B) in order to adjust the depth.

Height (Up and Down) Adjustment

To move the door up or down, loosen all mounting screws (C). Move door to desired position. Retighten all mounting screws (C).



Clip-on Assembly

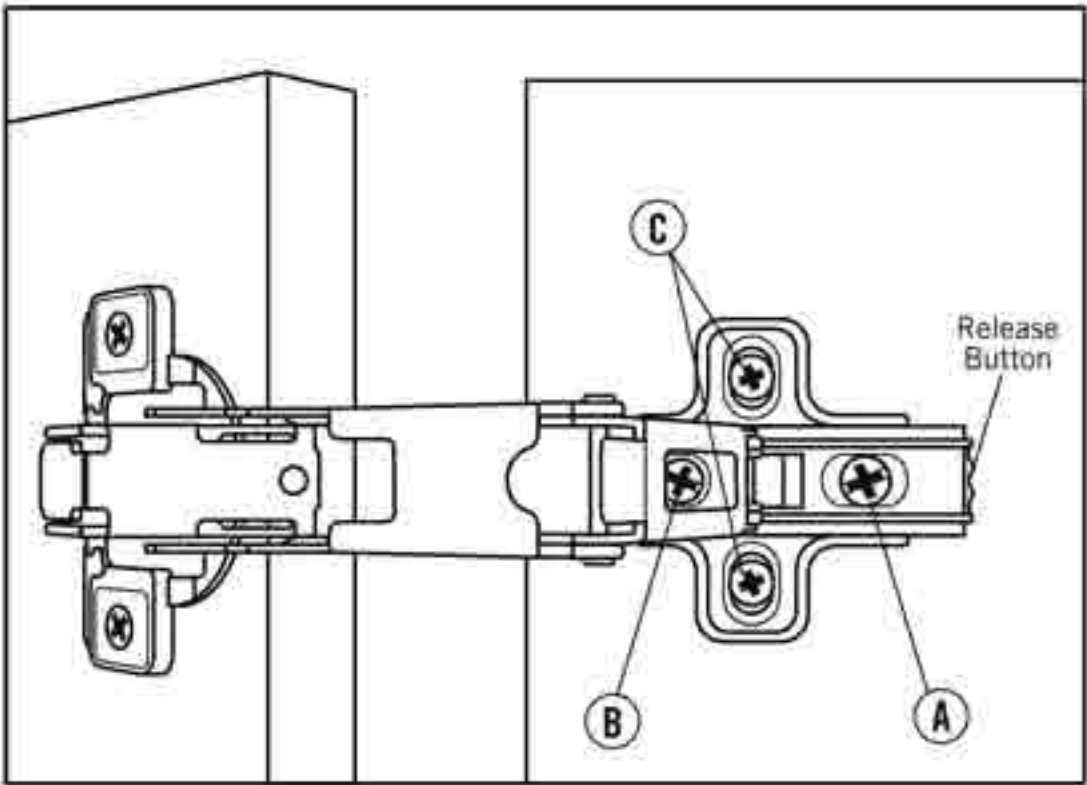


Illustration 3