



# Floating Bookshelf Installation Guide

## **Required Tools:**

Tape measure

Level

Stud finder

Drill or driver

Phillips head drill bit

3/16" drill bit

1/8" drill bit

7/16" socket

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## 1) Find Studs

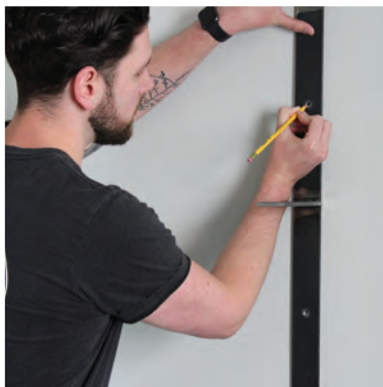


- Measure the distance from center-to-center of the routs on the back one of the shelves.
  - Our standard shelves are routed so that the shelves can be centered on studs that are 16" apart center-to-center.
- Using a stud finder and a pencil, find the studs in your wall that match up with the distance between the routs on the shelf. Mark the center of each stud with a reference line.

## 2) Place brackets on wall and plumb with level



- Place one of the brackets against the wall at the height that you would like to mount the shelves. Be sure that the bracket is centered side-to-side on the previously made stud reference line.
- Using a level, ensure that the bracket is plumb (vertically level).



- Using a pencil, mark the center of each pre-drilled hole along the bracket.
- Repeat previous steps with the second bracket.

### 3) Pre-drill marked holes for lag bolts



- Using a 3/16" drill bit, drill a pilot hole into the stud at each marked location ensuring that you drill as deep as the provided lag bolts are long.

### 4) Fasten brackets to the wall with provided lag bolts



- Place one of the brackets against the wall and center each hole on the bracket with the pilot holes that you drilled in step #3.
- Use a 7/16" socket to drive the lag bolts into each pilot hole so that the lag bolts are snug against the bracket, but still allow the bracket to be adjusted.
- Using a level, adjust the bracket as needed so that it is plumb (vertically level).
- After confirming that the bracket is plumb, tighten the top and bottom lag bolts first, followed by the middle lag bolts. **\*\*Caution:\*\*** Please be sure to not over tighten lag bolts as you will run the risk of snapping the bolt head.
- Repeat previous steps with the second bracket.

## 5) Place shelf on brackets and mark for set screws



- Place one shelf on the bracket supports, ensuring that the routs are lined up with the vertical portion of the bracket and the back edge of the shelf is flush with the wall.

- Each bracket support has 2 pre-drilled holes for set screw installation. Using a pencil, mark the center of each hole on the bottom of the shelf.

- Remove the shelf from the wall and place on a flat surface with the bottom of the shelf facing up.



- Use a 1/8" drill bit to drill a pilot hole in the shelf at each of marked locations from the step above, ensuring that you only drill as deep as the provided set screws are long and no further.

- Repeat previous steps for each remaining shelf.

**\*\*Drilling Tip:\*\*** To be sure that you do not drill through the shelf, place a small piece of painters tape on the drill bit at the depth that you would like to drill to and use this as a guide while drilling the holes.

## 6) Install shelves and set screws



- Starting at the top, place the shelf on the bracket supports ensuring that the routs are lined up with the vertical portion of the bracket and the back edge of the shelf is flush with the wall.

- Install the provided set screws through the bracket support and into the pre-drilled holes.

- Repeat previous steps for each remaining shelf, working from top to bottom.