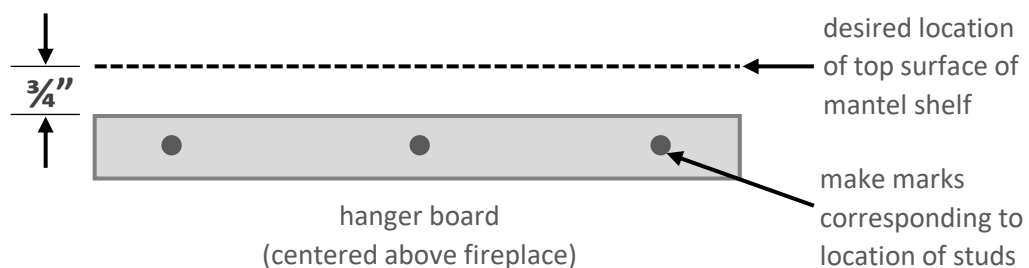


Wall Mounted Mantel Shelf – Suggested Installation Instructions

1. **Important:** wood mantels are considered a combustible material, so heat clearances must be adhered to. Before installing, check your local building codes and the manufacturer's instructions for your specific fireplace insert or stove.
2. Parts included
 - (1) mantel shelf
 - (1) hanger board (narrow unfinished board)
 - (4) short screws
 - (3) long screws (these screws are only for attaching to wall studs - NOT brick or drywall)
 - (2) sets of bolts, washers, and wing nuts (only if mantel includes corbels)
3. Minimum tools required
 - Pencil or pen
 - Tape measure
 - Phillips screwdriver
4. Optional tools (not required, but recommended)
 - Stud finder
 - Level
 - Drill
 - Phillips drill bit
 - 1/16" drill bit
5. INSTALLATION (in order)
 - **Determine location and measure**
 - First, measure the width of your mantel shelf (should be 36", 48", 60" or 72")
 - Using a pencil, mark on the wall where you would like the left and right side of your mantel shelf to be.
 - Within those marks, locate 3 studs (2x4 boards) inside the wall you will be mounting to. If you can only find 2 studs that will suffice, but 3 studs is recommended. For 36" mantels, 2 studs is sufficient.
 - After locating the studs, make a pencil mark on the center of each stud located $\frac{3}{4}$ " below the desired location of the top surface of the mantel shelf (see image below).
 - Use a level or tape measure to check that wall marks are at the same height.
 - Then make corresponding pencil marks on the hanger board, such that the hanger board will be centered above your fireplace (or desired location).



- **Attach the hanger board to the wall**
 - Using a Phillips screwdriver (or drill), attach the long screws directly into the marks you made on the hanger board.
 - Optional: If you have a drill, you may first pre-drill holes in the hanger board prior to attaching to the wall with screws.
 - After the long screws are securely in the hanger board, hold the hanger board up to the wall aligned with the marks you previously made. Drive the long screws completely into the studs, until the head of the long screws is flush with the surface of the hanger board.

- **Attach corbels to the mantel shelf** (NOTE: skip this step if your mantel does not include corbels)
 - Locate the 2 pre-drilled holes on the bottom surface of the mantel shelf.
 - Using the sets of bolts, washers, and wing nuts, attach the corbels to the bottom of the mantel shelf.
 - The pre-drilled holes are intentionally larger than the bolts. This allows you to fine tune the position of your corbels prior to tightening the wing nut.

- **Mount the mantel shelf to the hanger board** (NOTE: this step is easiest with 2 people)
 - Locate the 4 pre-drilled holes on the top surface of the mantel shelf.
 - Hang the mantel shelf on the hanger board so that the pre-drilled holes are facing up, and so that the back of the mantel shelf is tight against the wall (a second person is helpful to maintain pressure against the wall). Depending on the size of your mantel shelf, you may be able to adjust the mantel left or right as desired.
 - **Final step:** using a Phillips screwdriver (or drill), drive the small screws straight down through the pre-drilled holes in the top surface of the mantel shelf.