



Wood Beam Installation Instructions

1 Determine Beam Layout

Choose your preferred beam layout. (*Option 1 or Option 2*)



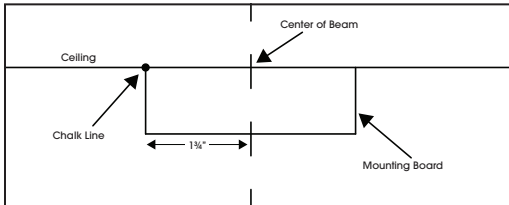
Option 1:
Parallel
Beams



Option 2:
Coffered
Pattern

2 Mark Ceiling

Mark the center of the beam locations on the ceiling at each end. Snap a chalk line $1\frac{3}{4}$ " to one side of the center of the beam. When you install the mounting board in Step 4, align the outside edge to that chalk line. (*Figure 1*)



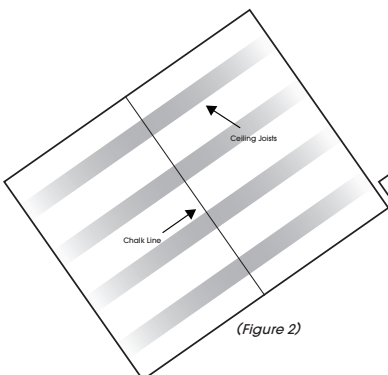
(Figure 1)



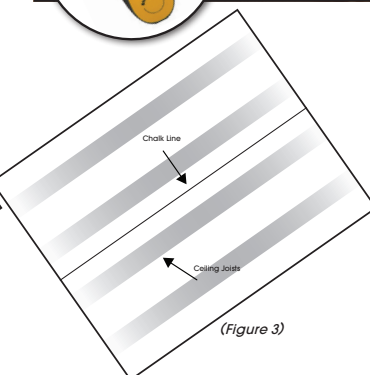
3 Determining Location of Ceiling Joists

Using a stud finder, determine the location of your ceiling joists. If the joists run **perpendicular** to your beam layout, mark the joists location with a pencil or tape and secure the mounting board to the ceiling with the included wood screws. (*Figure 2*)

If joists run **parallel** to your beam layout, use the provided toggle bolts to secure the mounting board to the ceiling. (*Figure 3*)

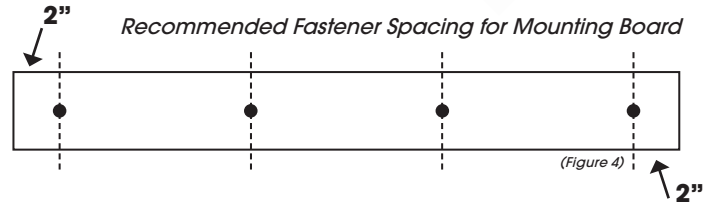
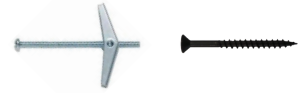


(Figure 2)



(Figure 3)

4 Secure Mounting Board to Ceiling

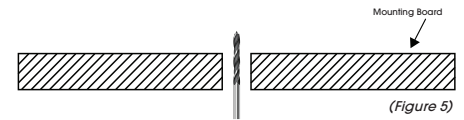


Using Wood Screws:

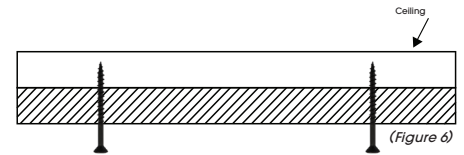
If installing mounting board with wood screws, use above diagram for recommended fastener spacing. (*Figure 4*)

Using Toggle Bolts:

4a Drill $\frac{1}{4}$ " hole into mounting board. (*Figure 5*)

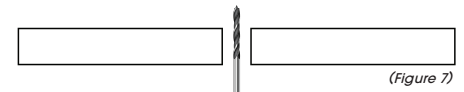


4b Mark your toggle bolt locations by temporarily attaching the mounting board to the ceiling with provided wood screws. (*Figure 6*)

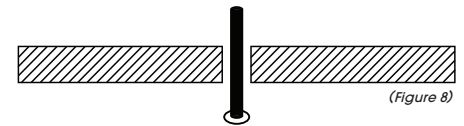


4c Remove mounting board.

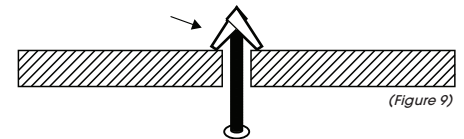
4d Drill $\frac{1}{2}$ " hole into sheet rock or ceiling material at the marked location for toggle bolts. (*Figure 7*)



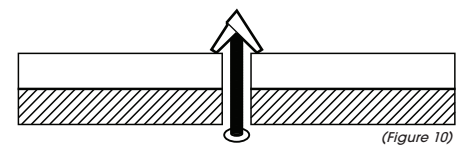
4e Insert toggle bolt through mounting board. (*Figure 8*)



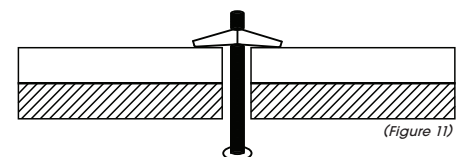
4f Thread wing nut onto toggle bolt. (*Figure 9*)



4g Install assembled mounting board onto ceiling. (*Figure 10*)



4h Tighten toggle bolts until snug. (*Figure 11*)

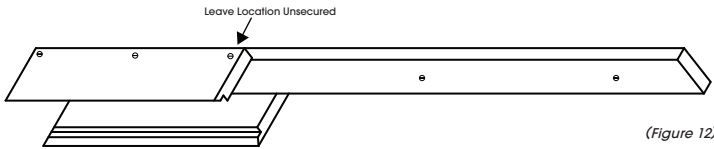


5 Secure Beam Sides to Mounting Board

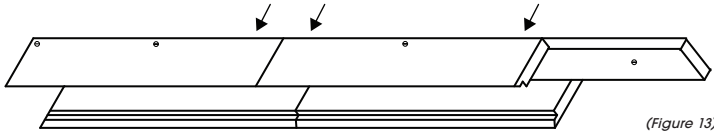
Attach beam sides to mounting board using the trim head screws included in this kit. An 8-foot beam will have (6) six screws per side.



5a Starting at one side of the room, install a full length beam side to both sides of the mounting board. Firmly press beams against the ceiling as you work to minimize any gaps. Leave noted locations unsecured to allow for joint alignment during installation. (Figure 12, below)

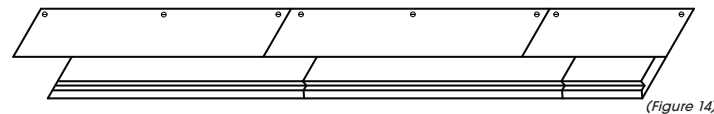


5b Continue to install beam sides. Leave noted locations unsecured to allow for joint alignment. (Figure 13)



5c Repeat process for remaining beam sides.

5d Final section of your beam sides may need to be cut to length depending on your ceiling measurements. (Figure 14)



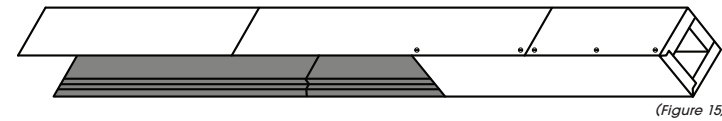
6 Secure Beam Cap

Attach the beam cap using the included trim head screws and pre-drilled holes in the beam sides.



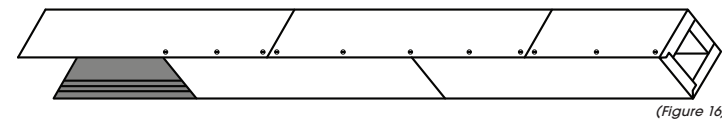
If you have to cut the beam side to length, you can pre-drill additional holes as needed using a $\frac{3}{32}$ " drill bit (not included).

6a Beginning at the opposite side of the room that you attached the beam sides, install a full length beam cap. (Figure 15)



NOTE: Ensure the beam cap joint is offset from beam side joints.

6b Continue adding the beam caps as required. (Figure 16)



6c The final section of your beam sides may need to be cut to length depending on your ceiling measurements. (Figure 17)

