

# Installing Suspended Beams on Vaulted Ceiling

## Tools and Supplies You'll Need

To complete your project you will at least need these basic tools:

1. Tape measure
2. Screw gun
3. Stud finder
4. Chalk line
5. High Quality or Battery-powered Caulk Gun (recommended)
6. PL Premium Advanced 3X Construction Adhesive (GL-PL3X)
7. Liquid Nails
8. Screws
9. Level
10. Mollies (if necessary)
11. Ladder (if necessary)
12. Saw
13. Blocks of wood
14. Caulk / Wood Filler

## Directions:

This page will show you how to install suspended beams on vaulted ceiling.



**1. Determine angle of vaulted ceiling. Determine beam position on ceiling walls.**



**2. Measure length where beam will be in order to build a support structure.**



**3. Using a 2 x 4, cut to length, with ends angled to ceiling pitch. Attach angled joist holders to each end bending the holder to accommodate angle.**



**4. BUILDING SUPPORT STRUCTURE**  
With joist hangers attached, lift support structure onto ceiling where beam will be placed. Make sure support is level.



**5. Mark both ends of ceiling where joist holder holes are located. Lower support. Use 4 toggle bolts for drywall or wood screws if lucky enough to find a stud.**



**6. Install Support Structure**  
If using toggle bolts, drill holes into ceiling at markings. Put the toggle bolts onto the joist hangers.



7. Attach joist hangers to ceiling. Secure toggle bolts through drywall.



8. Measure inside width of **faux beam**. Use additional wood blocks spaced every 3-4 feet to build out support structure. To snugly fit the interior of the faux beam.



9. Wood blocks spaced every 3-4 feet on support structure will provide a snug fit when beam is raised into place.

Note: Make sure not to make this so wide that you have to force the beam over it.



10. Measure length of support structure at the bottom to determine beam length. Cut beam to overall desired length.

Note: Be sure to measure far enough below the support structure to allow for thickness of the beam.



11. Using angle of ceiling, draw line onto beam sides and bottom, score with blade.



12. **Cutting Beam**  
(a) Cut one side then cut the other side. (b) Flip beam over, cut bottom. When finished, trim inside ends for a snug fit.



13. **Raising The Beam**  
Raise beam onto support structure. Check that both ends are flush with ceiling and beam is level.



14. Secure beam by screwing into support.

**Note:** For added support, you can use PL Premium Advanced 3X Glue on the wood blocks before screwing the beam in place.



15. Fill screw holes with wood putty or color complementing caulk. Stain or paint to match beam color.



16. Stand back and admire your work.  
Beautiful!