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1-800-700-1777

10x12 Pergola-in-a-Box Assembly Instructions

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Amish Country Gazebos

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Customer Service Department Hours:

Monday – Friday 8:00 am – 4:00 pm and
some Saturdays 10:00 am – 3:00 pm
(Eastern Standard Time)

1-800-700-1777 Ext. 4

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Getting Started

Please read the entire assembly manual before starting assembly.

This manual, detailing 11 straightforward steps for installing your pergola, should be kept by your side during the assembly process of your pergola kit.

Due to the precise fit of many components we suggest that you stain or paint your pergola after it is assembled.

This manual is designed to give you the necessary guidance throughout each step of your pergola assembly.

If you have questions regarding the content of your kit or installation of your pergola, please contact our **Customer Service department at (800)-700-1777 Ext. 4.**

Hours of operation are Monday-Friday 8:00 am to 4:00 pm and some Saturdays 9:00 am - 3:00 pm. (Eastern Standard Time)

Tools Required

Step Ladder



Drill



Measuring Tape



Rubber Mallet



Square



Hardware Included

3 ½" tan screws (ceramic).....	1 Bag
3" tan screws (ceramic).....	1 Bag
2 ½" tan screws (ceramic).....	1 Bag
2" tan screws (ceramic).....	1 Bag
"L" shaped post brackets.....	4 pcs.
2" and 4" square drive bits	"Small" square drive bit (for trim screws)

10 x 12 Parts List



SMALL BRACE X 4



CUFF TOP X 4



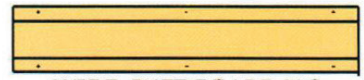
NARROW CUFF BOARD X 8



LARGE BRACE X 4



CUFF BOTTOM X 4



WIDE CUFF BOARD X 8



POST TRIM X 8



POST X 4



RAFTER TOP X 8



RAFTER BOTTOM X 16



INTERIOR LONG BEAM (1 LEFT & 1 RIGHT)



INTERIOR SHORT BEAM (1 LEFT & 1 RIGHT)



EXTERIOR SHORT BEAM X 2



EXTERIOR LONG BEAM X 2



LEFT BEAM TRIM X 2



RIGHT BEAM TRIM X 2



SHORT STRINGER X 7



LONG STRINGER X 7

Post Cuff Assembly



1. Locate 2 wide cuff boards and 2 narrow cuff boards.



2. Slide 1 narrow cuff board into each groove on the wide cuff board.



3. Make sure each piece is aligned at the bottom, then attach them with three **2" tan screws** through the pre-drilled holes.



Post Cuff Assembly (continued)



4. Continue assembling the rest of post cuff using the remaining wide cuff board.

Note: It is very important to place the two wide cuff boards opposite each other.



5. Locate one cuff bottom and position it on one end of your post cuff assembly. This will now be the ground end of your post cuff. (Cuff bottoms are smaller and have thinner trim boards than cuff tops.)

6. Make sure it is centered and then attach with two **2" tan screws** through the pre-drilled holes.



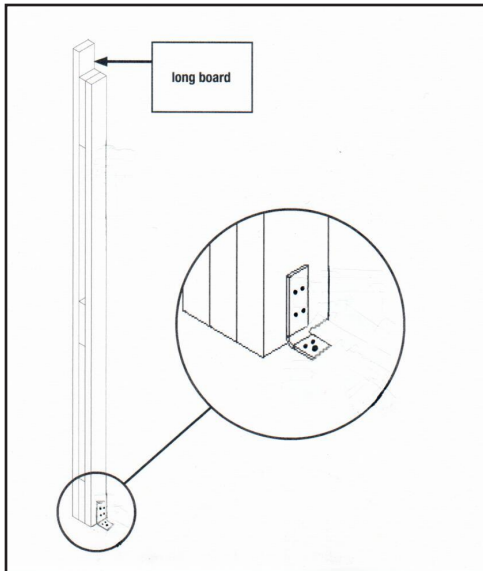
7. Flip post cuff assembly, then position a cuff top with wide end of moulding at top.

8. Make sure it is centered and then attach with two **2" tan screws** through the pre-drilled holes.



9. Repeat steps 1-8 to assemble the three remaining post cuffs.

Post Preparation



1. This pergola includes brackets for post anchoring. Use the diagram on the left to ensure you put the bracket in the right place.



2. Locate the four posts, and on the opposite side of the long board, attach an angle bracket to the bottom of each post using four **2 1/2" screws**.



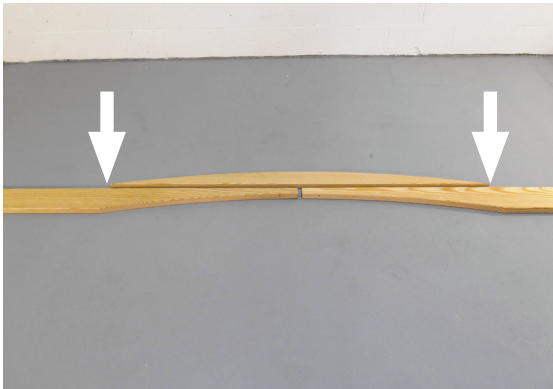
3. Next, insert a post into each post cuff. (Make sure the long board of post is at the top.)

Note: You will need to lay the post cuffs on their side and slide top of post through bottom of post cuff.

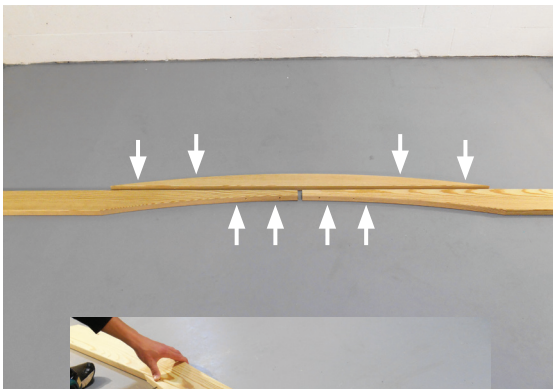
Rafter Assembly



1. Locate one rafter top and two rafter bottoms and position them as shown on a clean, flat surface.



2. The arrows in this photo indicate the marks on the rafter bottoms. Center the rafter top between these two marks while following step 3.



3. Push each end of the rafter bottoms together and attach rafter top using **3" screws** through the pre-drilled hole at each arrow. (8 screws per rafter)

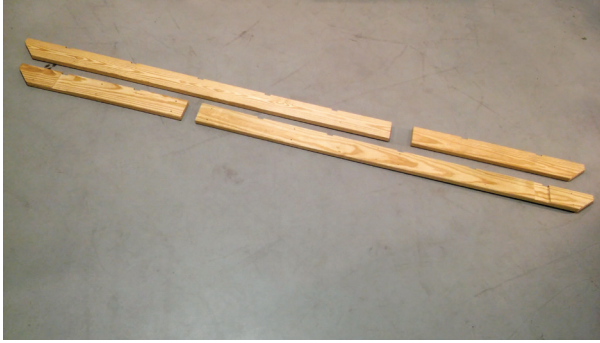


4. Repeat steps 1-3 to assemble the remaining rafters.



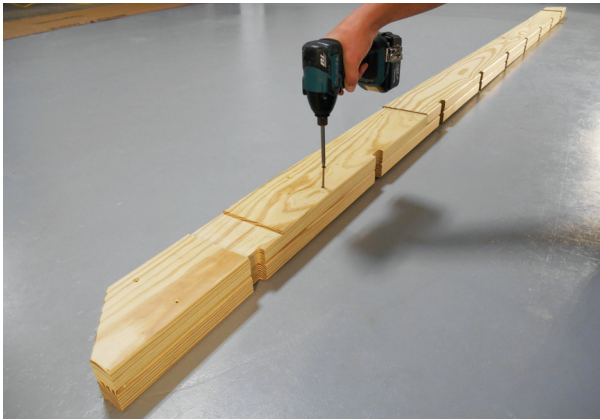
Note: The 10x12 pergola uses a total of 8 rafters.

Beam Assembly



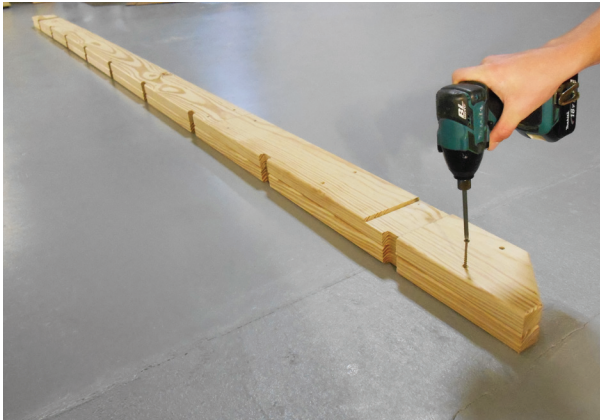
1. Arrange your beam pieces in the position shown. Make sure the top row has one interior long beam and one interior short beam.

Note: Only the interior beams have post notches and pre-drilled holes.



2. Take the top row pieces and set them onto the bottom row. Next, align all edges of the boards, (including the notches) and attach, using **2 1/2" screws** through the pre-drilled holes.

Note: The post notches must be facing up.



3. Repeat steps 1 and 2 to assemble the second beam.

Post to Beam Assembly



1. Arrange one beam assembly and two post assemblies in positions shown.



2. Place the long board of each post into the post notch on each side of the beam.

Note: Make sure the rafter notches on the beam face up.



3. Use a square to ensure the posts are 90 degrees to beam and then attach post to beam using **2 1/2" screws** through the pre-drilled holes. (4 screws per post)



4. With at least two people, stand each post and beam assembly upright.

Note: The long board of each post must face the interior of the pergola.



Rafter Installation



1. Take a rafter and place each end onto the notches towards the end of each beam. Refer to this photo when following steps 2 and 3.



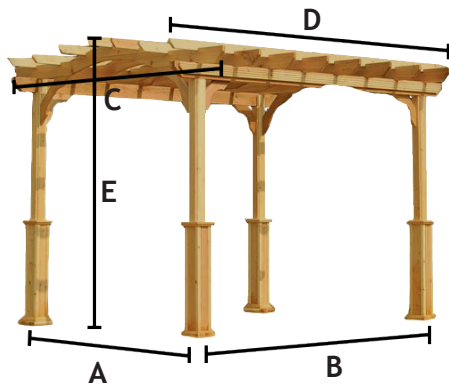
2. Line up the marks on the bottom of the rafter with the outside of the beam assembly, and then attach rafter to beam using **3" screws** through the angled pre-drilled holes on each side of the rafter. (4 screws per rafter)



3. Repeat steps 1 and 2 to install second rafter to opposite end of beams.

Note: Follow the steps on pages 9 and 10 **BEFORE** installing the rest of the rafters.

Anchoring Posts



Size	10' x 12'
A	7' 3 ⁷ / ₈ "
B	9' 4 ⁵ / ₈ "
C	9' 7 ¹ / ₂ "
D	11' 7 ³ / ₄ "
E	8' 4 ³ / ₄ "

A & B = center to center of post measurement

C & D = overall roof length measurement

E = overall height measurement

Arched roof runs the width of the pergola.

You now need to anchor the posts to your foundation, because after post trim is installed you will no longer be able to access anchor brackets.

1. Place pergola assembly in its final location. Refer to the chart and diagram to make sure your pergola is squared off.



2. Lift up the post cuff so you have access to the anchor bracket.



3. If you have a wood or composite foundation, use **2 1/2" screws**. (Two per post)

Note: If you have a concrete foundation, consult your local retailer for help to determine the best concrete anchors for your particular installation.

Post Trim and Braces



1. Locate post trim and install with rounded edges facing out. Center it on the post and attach, using six **2" screws** through the pre-drilled holes. (2 trim pieces per post)



Attach braces with **3 1/2" screws** through pre-drilled holes.

2. For the large braces, place one end flush with the rafter and other end flush with the post.
3. For the small braces, place the top end flush with inside layer of beam and the other end a little off-center on post trim to keep aligned with inside layer of beam.
4. You may now refer to steps 1-3 on page 8 to install the remaining rafters.



Stringer Installation

Note: Identify your 7 long stringers and 7 short stringers.

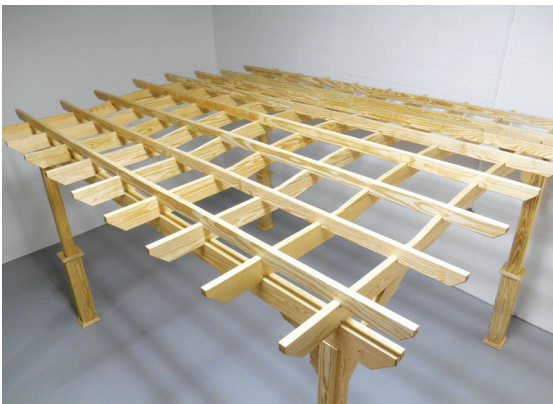
Note: 1 long stringer and 1 short stringer combined equals one row.



1. On one side of pergola, place a stringer on top of rafters and align over beam.



2. The tops of the rafters are marked where the stringers are to be installed. Starting at the outside, center the stringer over the marks on the rafters. Push down at each notch to ensure it is fully seated. Attach stringers using **3 1/2" screws** through pre-drilled holes.



3. Repeat steps 1 and 2 to install remaining stringers.

Beam Trim Installation



1. Position a right side beam trim over the right side of beam, with decorative surface facing out. Push trim up against rafters and offset 1 5/8" in from outside edge of beam.



2. Attach trim using **2" screws** through pre-drilled holes.



3. Refer to steps 1 and 2 to attach left side trim piece, making sure it is up against the rafters and against the end of right side trim piece. (2nd photo from top)



Enjoy your pergola!

Applying Wood Patch (optional)

Note: If you plan to use wood patch on your pergola, be sure to sink your screws approximately 1/16".

**Wood patch NOT included*

Note: If you plan to stain your pergola, be sure to read instructions on the tube before proceeding.

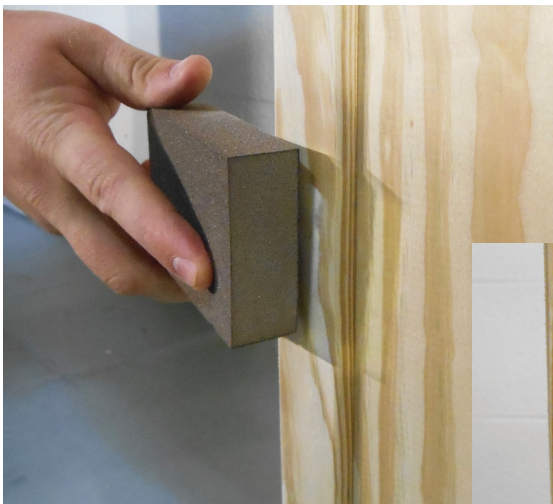


1. Begin by squeezing a small amount of wood patch onto a putty knife.



2. Cover the screw hole with wood patch and scrape off any excess.

Repeat steps 1 and 2 until all screw holes are covered.



3. Once wood patch dries, use a sanding block to sand patch surface until the finish is smooth.





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