



Assembly Instructions

Bradford Pergola



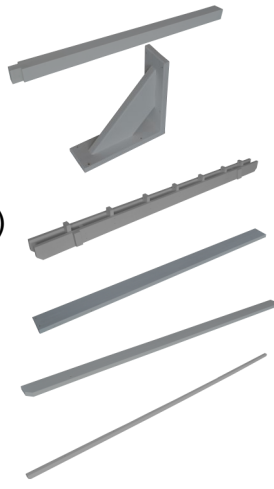
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PARTS (included)

- (A) Post (4)
- (B) Brace (8)
- (C) Beam Assembly (2)
- (D) Crossbeam (4)
- (E) Rafter (5 or 7)
- (F) Top Strip (7)



Note: Some parts and hardware counts vary based on pergola size (6x8 or 8x8)

HARDWARE (included)

- (a) $\frac{5}{16}$ " x $3\frac{1}{4}$ " Bolt (10 or 14)
- (b) 3" Screws (150)
- (c) 2" Lags (8)
- (d) Flange Nut (10 or 14)
- (e) Swing Hanger (4)
- (f) Square Drive Bit (1)



TOOLS NEEDED

- 8' Step Ladder
- $\frac{1}{2}$ " Wrench or Socket
- Screw Gun
- Power Drill
- 4 or 5 Helpers

STEP 1

Attach a brace to one of the posts using the 3" screws. (See photo 1.) Make sure this is on the notched end of the post. Insert the post into the beam assembly. (See photo 2.)

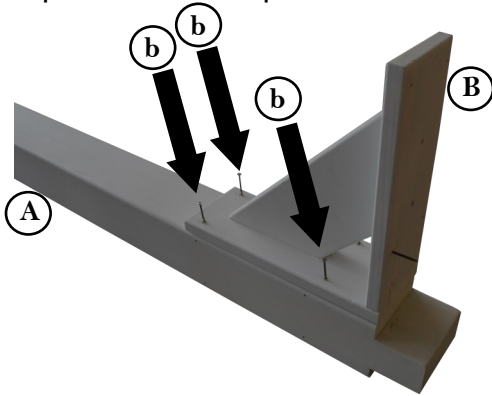


photo 1

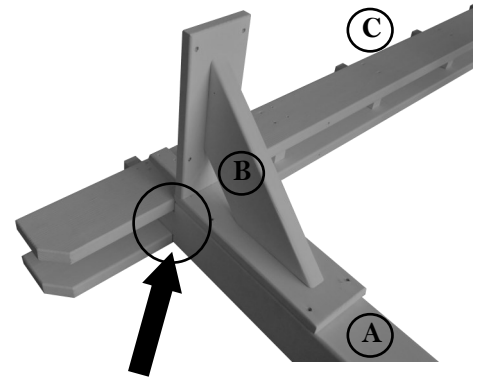


photo 2

STEP 2

Attach another brace into the corner of the post and beam assembly. (See photo 3.) You may have to pull the bottom of the post one way or the other to square it up before you fasten the brace. Put 2 screws through the beam into the top of the post. (See photo 4.) Repeat steps 1 & 2 for the other 3 posts.

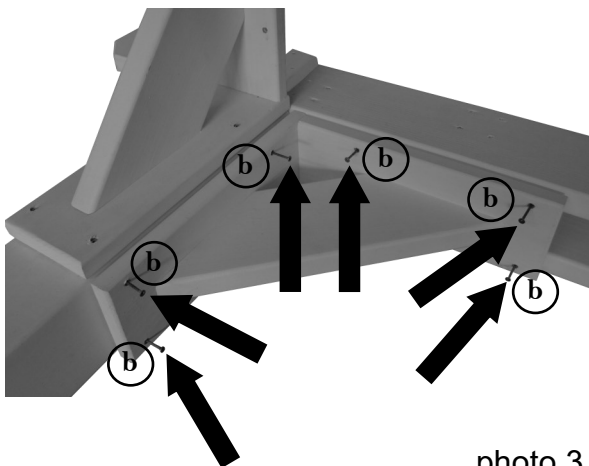


photo 3

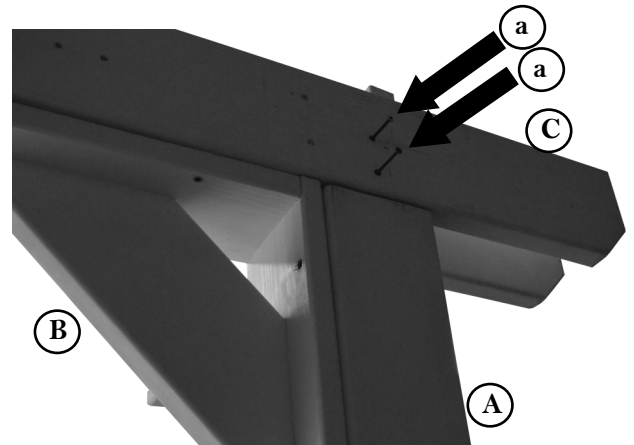


photo 4

STEP 3

Take 2 crossbeam boards and attach to one of the beam assembly. (See photos 5 & 6.) Repeat with the other end of the same beam assembly.

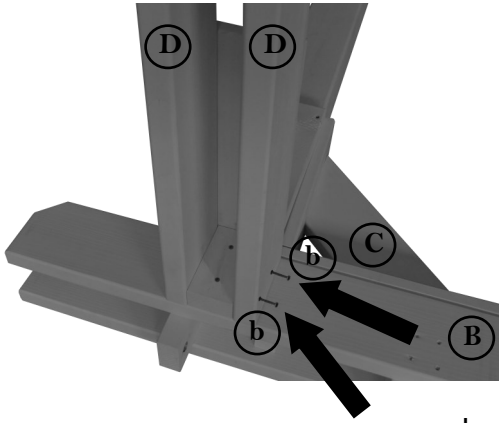


photo 5

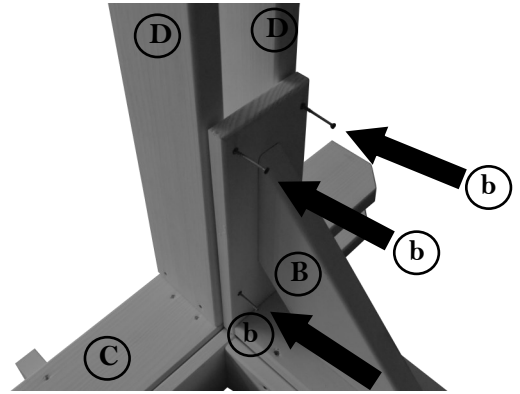


photo 6

STEP 4

Get your helpers to set up the post and beam frames while you climb up on the step ladder and attach the loose end of the crossbeams to the second post & beam assembly. (See photos 7 & 8.)

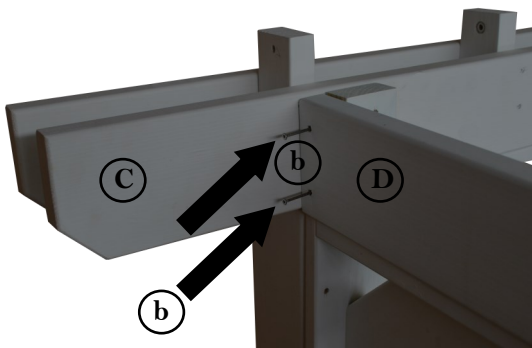


photo 7

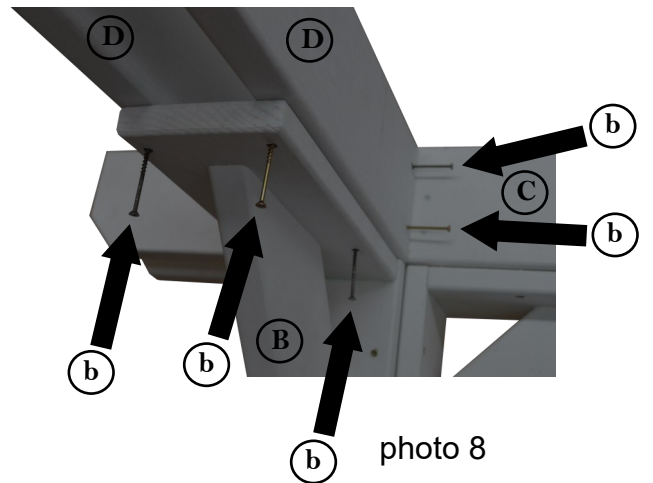


photo 8

STEP 5

Attach the rafters to the beam assembly. Note that each block has an X to one side of it. Place the rafter on top of this X. (See photo 9.) Insert a 3/4" bolt through the predrilled hole in the rafter and through the block. (See photo 10.) Screw a flange nut on the bolt. (See photo 11.) Tighten with the 1/2" wrench or socket. Repeat with each end of each of the rest of the rafters.

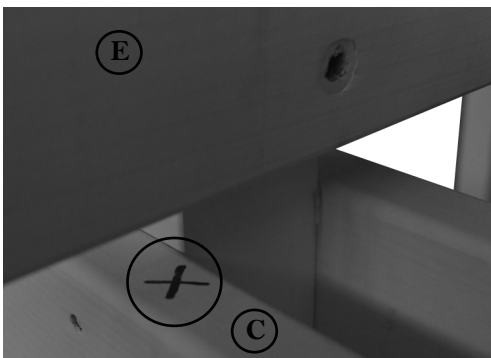


photo 9

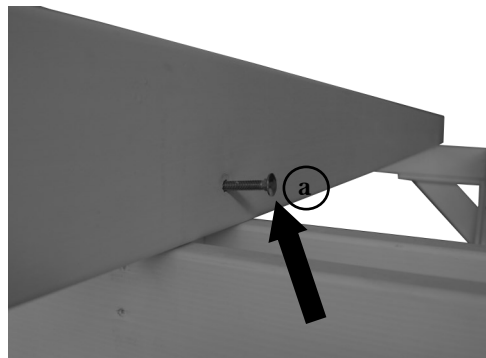


photo 10

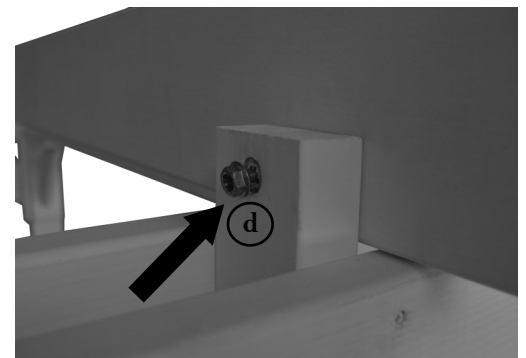


photo 11

STEP 6

Attach the top strips to the rafters. (See top view of pergola with the rafters attached - photo 12.) Each rafter should have an X marked at regular intervals. Place the strip on top of the X. (See photo 13.) Fasten the screws all along the length of the strip to each rafter. (See photo 14.) Note: If the strips are not quite perfectly straight you should be able to pull them into place as you go along with the screws. Attach all the top strips in this manner.



photo 12

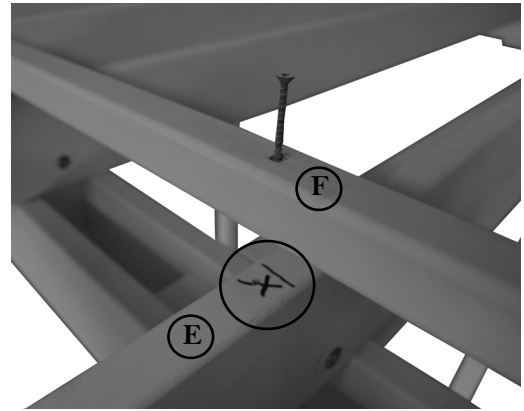


photo 13

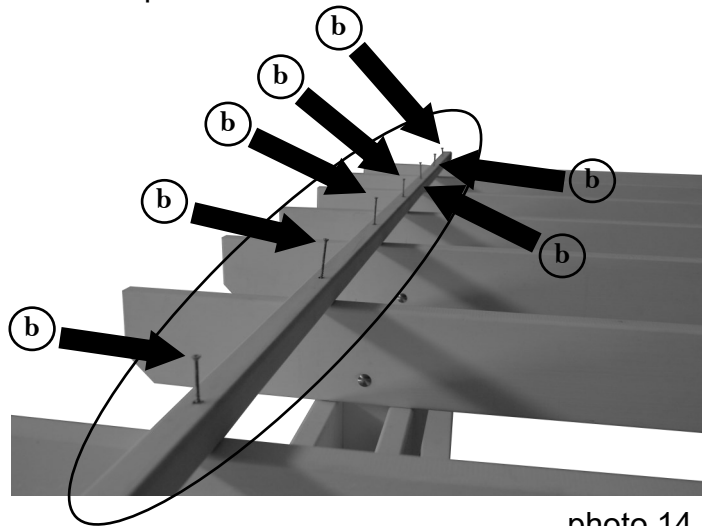


photo 14

STEP 7

The final step, if you intend to hang a swing from your pergola, is to attach the swing hangers to the bottoms of the rafters. (See photo 15.) They may be placed wherever needed to accommodate the size of your swing. You will need to predrill the rafters before you insert the 2" lags otherwise the wood may split. Use a drill bit size $\frac{1}{4}$ " in diameter.

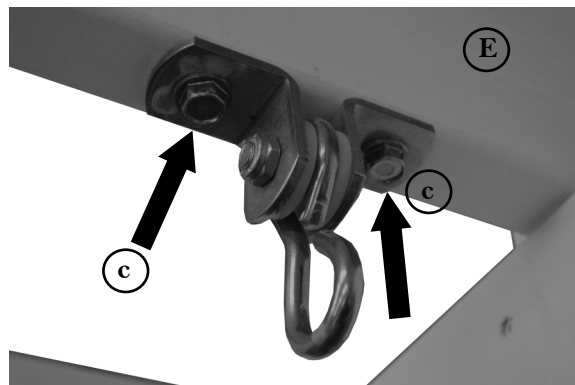


photo 15