

DOUBLE ROOF RAILING ASSEMBLY INSTRUCTIONS:

We recommend the persons setting the pagoda roof rails have construction experience.

TOOLS AND MATERIALS REQUIRED

- 4-6 strong capable people
- Step ladder
- Cordless screw guns with square drive bits
- Phillips head Drill bit to fit the screws.
- Hammer
- 8 pieces of 5 ½ x 12" wood blocks or Any strong blocking material this size. You could screw together 2 2x4's to accomplish this. You will need to provide screws for this.

We recommend at least 2 spotters be present the entire time as a safety precaution for the person under the roof.

BACKING OUT THE SCREWS THAT HOLD THE TEMPORARY 2x4 BRACING AND THE SETTING OF TEMPORARY BLOCKS

If you look inside the gazebo you will notice the pagoda roof/ top roof is temporarily fastened with 2x4's. Depending on the size gazebo you have there may be 2 or 3. (SEE picture A. and B to the right .)

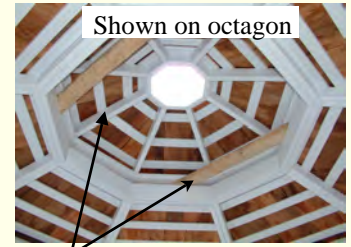
- Remove / back out the screws in the temporary 2x4s that are driven up into the rafter plate. Keep the 2x4's in place at this time; just remove the screws drilled up into the top roof plate.
- Once all the screws are backed out, with 3 people two on the roof, have them lift up one end while another person inside on a step ladder places 5 ½ x12" blocks.
- Gently set the roof down on the wood blocks. Repeat on the other end.

*****At this stage the double roof is unstable so please proceed with caution!*****

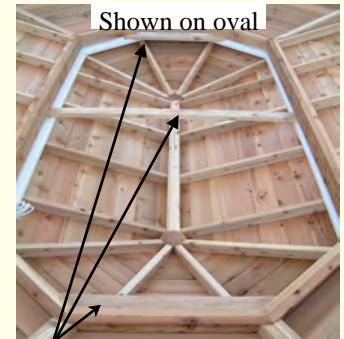
INSTALLING THE SHORT SPINDLES

- Once the whole top roof is blocked, from the inside remove the temporary 2x4 braces by hitting them upwards with a hammer. (You may need to stand on a ladder.)
- Lay out the pagoda railings (short spindles) on the floor. Do not fasten together at this time.(SEE picture D to the right.)
- If you have an electrical package one railing and post will have to channel in the wood for the wiring to feed them.(SEE picture C to the right.)
- Install the end pagoda railing sections first by positioning in place then driving in 2 ½" screws down into the 2x6 header.
- After the pagoda railing is in place drive 2 ½" screws upwards into the rafter plate.
- Adjust the roof so the reveal, or amount of overhang, is the same.
- Also look and see how the bottom roof was finished on its railings as an example for you.
- Continue doing the same with the other railings, taking out the wood blocks as you go along, going next to the opposite end until all the rails are set.

Lancaster County Barns, Amish Gazebo Shop, their contractors, subcontractors, delivery companies and all parties affiliated with Lancaster County Barns Amish Gazebo shop are not responsible for injury.



A=temporary bracing



B=temporary bracing
Viewed upside down



C=Short spindle with
electrical wiring
channel



D=laying out the short
spindles before
installing



Picture of installed
Spindles