Oval Cedar Gazebo



Assembly Manual

Oval Cedar Gazebo Assembly Manual

Congratulations on purchasing your new Gazebo. Thank you for your purchase and welcome to the YardCraft Family.

This manual is designed to simplify the assembly process, however we recommend having an experienced carpenter involved in the project. <u>Please read through the entire manual before starting!</u>

The Gazebo put together for this manual was a 12'x18' Oval. This manual can also be used for other sizes. It took 3 men, approximately 10 hours using the tools shown. However, it may take you longer since it will be a new project for you.

Take a deep breath and get at it; the satisfaction and enjoyment of this Gazebo is only a few hours away. Have fun!

You have purchased a product that consists of heavy, bulky pieces. With your purchase, you assume full responsibility to have the necessary manpower and/or equipment available to unload the items. You also agree that any damage that happens to the equipment, product, or individuals during the unloading process, or during the entire construction process, is your responsibility, and neither the seller, nor the manufacturer, will be held liable for any such damage.

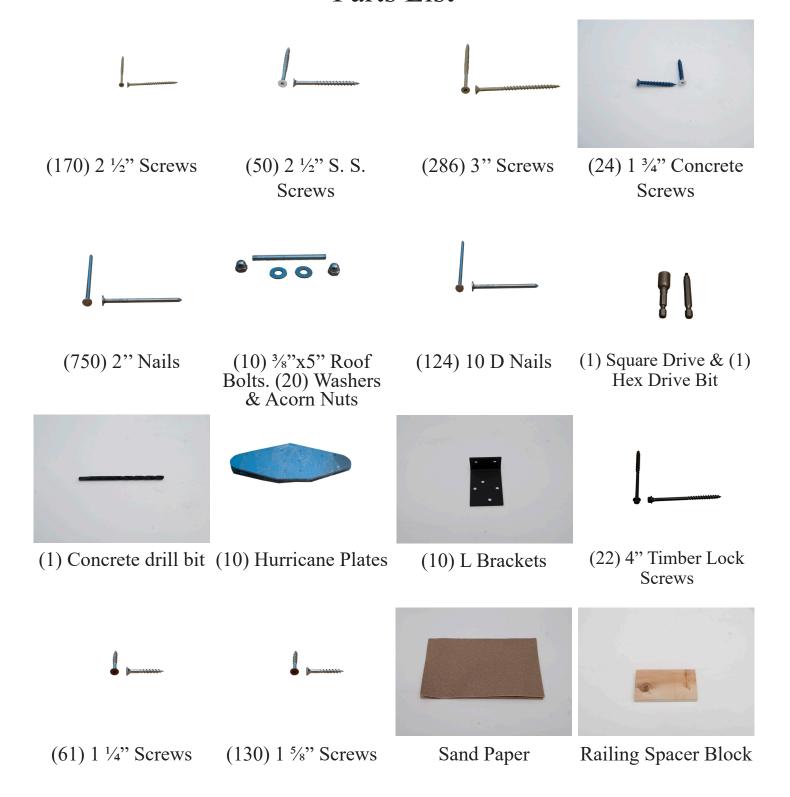




Questions? Issues with Damaged or Missing Parts?

In order to best assist you, please contact YardCraft directly, NOT a third part retailer, with any questions regarding our products, damages, or replacement parts. This will help you get what you need as quickly as possible! Call us at 866-210-9273 or Email us at info@yardcraft.com!

Parts List



Parts List



(8) Double Floor Joist



(8) Angle Cut Floor Band Board



(8 of each size) Diagonal Floor Joist



(2) Floor Joist Connection Plate



 $(8\,of\,each\,size)\,Angled\,Deck\,Boards$



(1 of each size) Center Deck Boards



(20) Outside ply & (10) Inside Ply Posts Boards



(10) Brace Section



(9)Hand Rails, (81) 1x3 Spindles & (9) 2x3 Bottom Rail



(8) Double Rafter



(8 of each size) Angle T&G Board



(8) Angle Cut Roof Band Board



(1) Compression Ring



(20) Post Trim

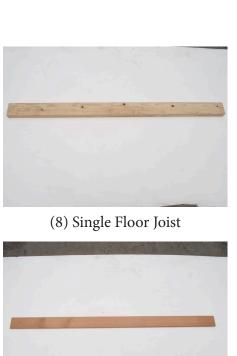


(8) Angle Cut Cedar Roof Fascia



(2) Straight Cut Cedar Roof Fascia

Parts List





(2) Center Floor Joist with Notches

(2) Outside Straight Cut Band Board







(2) Straight Cut Cedar Floor Trim

(8) Angle Cut Cedar Floor Trim

(22) Straight Cut Deck Boards







(3) Cross Ties

(2) Ridge Pieces

(4) Rafter With Pre-Drilled Hole







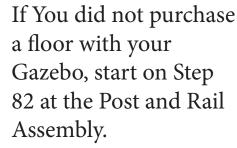
(2) Straight Cut Roof Band Board

(2) Rafters Without Pre-Drilled Holes

(30) Straight Cut T&G Board





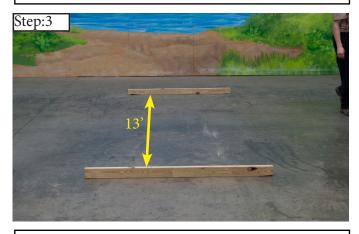


Hip & Ridge Tar Paper

(8) Tar Paper



Set your Gazebo Package as close to the building site as possible.



Start by laying out the center floor section. Locate the Outside Straight Cut Band Board. Place approximately 13' apart, as shown.



Locate the Single Floor Joist. Place in between the Outside Straight Cut Band Board and the Center Floor Joist.



Remove protective shrink wrap. Do not unwrap until you are ready to build. Keep dry and protected until you are ready to assemble the Gazebo.



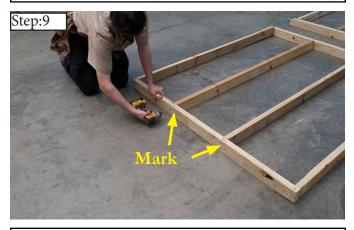
Locate the two Center Floor Joist With Notches. Place in the center of the two Outside Straight Cut Band Boards with the notches facing up.



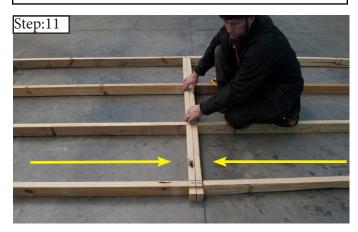
Lay the rest of the Single Floor Joist in place.



Make the Single Joist flush with the Band Board, both ways, and fasten with two (2) 3" Screws through Pre-Drilled Holes.



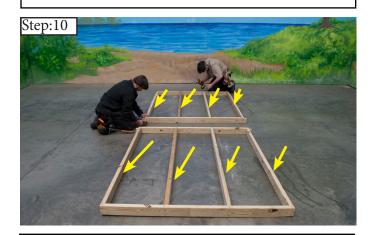
Using Steps 7 & 8, fasten all remaining Single Floor Joist. Align the Single Floor Joist with the marks on the Band Board and Center Floor Joist.



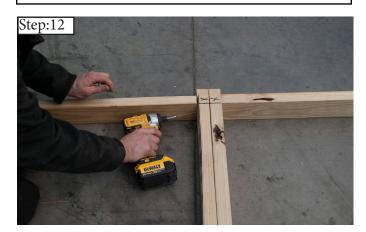
Pull the two sections together at the Center Floor Joist.



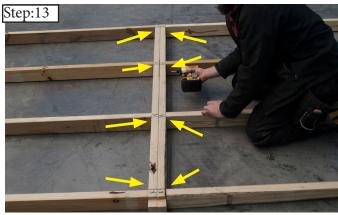
Fasten the opposite side of the Single Floor Joist to the Center Floor Joist. Make flush on top and align with the mark on the Center Floor Joist.



Fasten all remaining Single Floor Joists.



Fasten the two sections together with 3" Screws. See next step for Screw locations.



Two (2) 3" Screws at each Single Joist location, one (1) on each side of the Center Floor Joist.



Locate the Double Floor Joist.

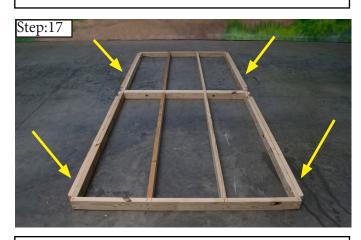


Reverse the Screws so the two (2) plies come apart.

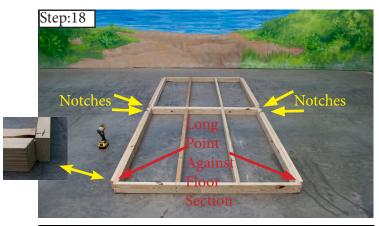


Double Floor Joist apart.

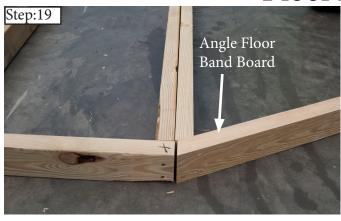




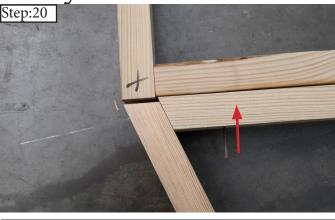
Place one Ply of the Floor Joist from Step 16 on each side of the Floor Sections. See Step 18 for the alignment of the cut on the Joist.



Notice the Angle cut on the Joist. The long point goes against the Floor Section. And the notch towards the center.



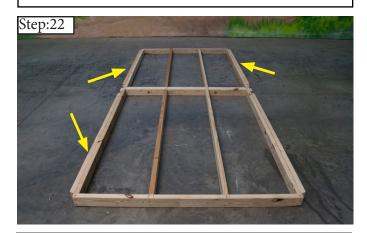
Locate the Angle Cut Floor Band Board. Hold in place as shown.



Push the Angled Band Board tight against the Straight Band Board. While holding this in place, Fasten the Floor Joist Ply to the Single Floor Joist with 2 ½" Screws.



Fasten all remaining screws at these locations.



Repeat Steps 19-21, to install the remaining three Joists.



Locate the remaining Double Floor Joists.



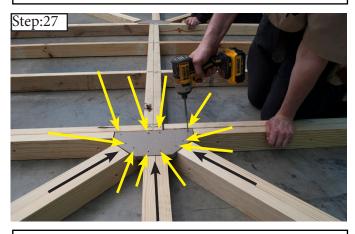
Place the Double Floor Joists as shown.



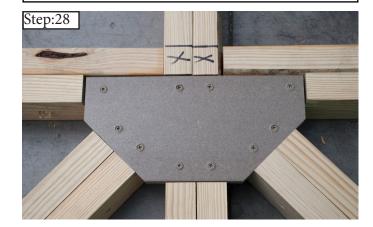
Locate the Floor Joist Connection Plate.



Place in the notch.



Align the Double Floor Joist as shown, and fasten the Joist Connection Plate with 3" Screws into each pre-drilled hole. Total of ten (10) Screws.



Connection Plate installed.



Install the second Floor Joist Connection Plate, as shown in Steps 25-28.



Locate the Angle Cut Floor Band Boards.



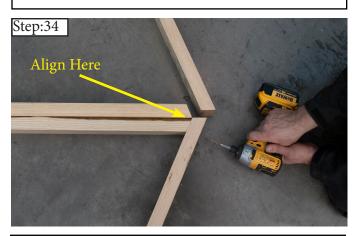
Place all the way around the outside.



Continue placing all the Angle Cut Floor Band Boards around the outside.



Starting against the Center Floor Section, fasten the Angle Cut Floor Band Board with two (2) 3" Screws through pre-drilled holes.



Align the other end with the center of the Double Floor Joist and fasten with two (2) 3" Screws through Pre-Drilled Holes.



Working your way around, install the remaining Angle Cut Floor Band Boards using Steps 33 and 34.



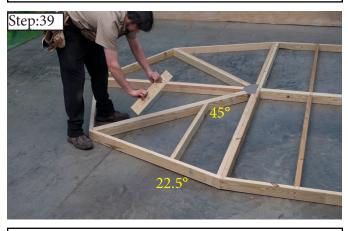
Showing the alignment.



All Floor Band Boards installed.



Locate the Diagonal Floor Joists.



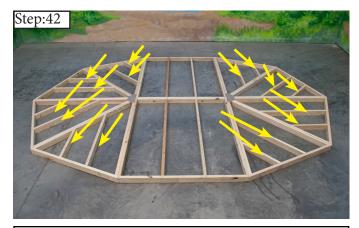
Place the 45° angle against the Double Joist and the 22.5° against the Band Board



Align the center of the 2x4 Single Joists with the pre-drilled holes in the 2x4 Band Board and fasten using two (2) 3" Brown Screws through pre-drilled holes.



Fasten the 45° angled end to the Double 2x4 Joist using two (2) 3" Brown Screws.



Repeat Steps 38-41 to install the remaining Diagonal Floor Joist.

Step:46



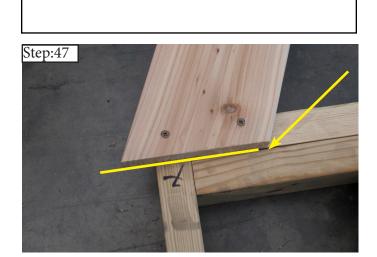
Locate the Straight Cut Floor Deck Boards and the Angled Deck Boards.



Starting with the longest Angled Deck Boards, Place the Deck Boards all the way around the perimeter.



Make Sure the overhang is consistent along the entire outside edge of the Floor Board.



Keeping the overhang consistent along the edge, align both ends of Floor Board at center of Double Joist.



Fasten both ends of Floor Board to Joist using two (2) 2 ½" Screws through pre-drilled holes.



Continue around the outside of the floor and place the adjacent Deck Board against the first Deck Board and fasten using Step 48.



Work your way around the perimeter and install all remaining Deck Boards.



Locate the rest of the Straight Cut Floor Deck Boards and place in line, as shown.



Step:53

Locate the smaller Deck Board and place in the center of the Floor Section.



Place the smaller Deck Board directly in the center, as shown.



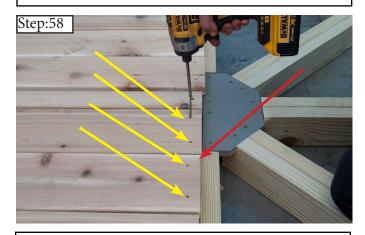
Fasten at both ends using one (1) 2 ½" Screw through Pre-Drilled Hole.



Install two (2) more Screws in the center, as shown.



There will be a gap between each Deck Board. Adjust the Deck Boards so there is an equal gap between each Deck Board.



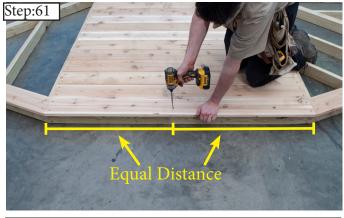
Align the Deck Board with the center of the Double Floor Joist. Fasten with 2 ½" Screws through pre-drilled holes. Two (2) Screws on each side of each Floor Board.



Keeping the Deck Boards aligned with the Double Floor Joist and keeping an equal gap between each Deck Board, fasten both ends of all remaining Deck Boards with two (2) 2 ½" Screws through pre-drilled holes.



Fasten the ends of all remaining Deck Boards.



Pre-drill one (1) $\frac{3}{16}$ " hole through Deck Boards into the Band Board below. Then fasten using 2 $\frac{1}{2}$ " Screw.



Locate the second round of the Angled Deck Boards.



Ensure Deck Boards are tight together. There should be a small gap between the first & second round of Deck Boards. Ensure there is an equal gap all the way around.



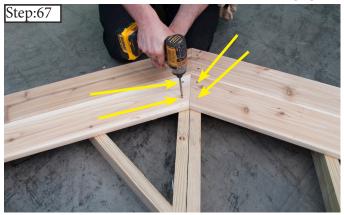
Using the pattern shown above, pre-drill a $\frac{3}{16}$ " hole through Deck Boards at the Single Joist Locations. Then fasten using 2 $\frac{1}{2}$ " Screws.



Place the Angled Deck Boards all the way around.



Fasten through pre-drilled holes with two (2) 2 ½" Screws.



Continue fastening through pre-drilled holes all the way around.



Using Steps 63-67, install all remaining Angled Deck Boards.



Using a 3/16" Drill Bit, drill through the decking into the single joist and fasten using 2 1/2" Screws.

Use one (1) Screw in each Deck Board.



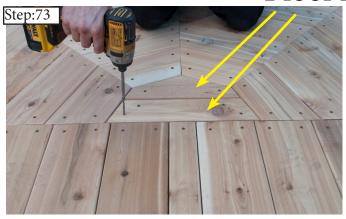
Locate the Center Deck Boards.



Place Center Deck Boards, as shown.



Space equally and fasten with six (6) 2 ½" Screws through pre-drilled holes.



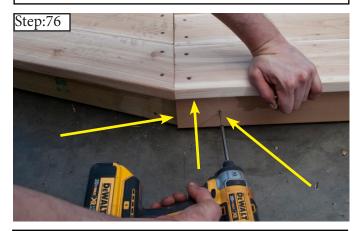
Install the Center Deck Boards on the opposite side as shown in steps 71 and 72.



Locate the Straight Cut Cedar Floor Trim.



Place the Cedar Floor Trim underneath the Deck Boards, in against the Band Board.



Make flush with the corner of the Band Board and up against the Deck Boards. Fasten with three (3) 1 % Screws through pre-drilled holes.



Three (3) 1 5/8" Screw Locations.



Locate the Angle Cut Cedar Floor Trim.



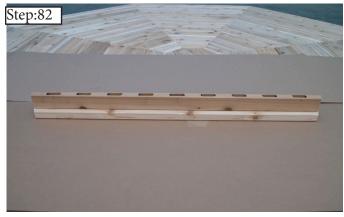
Lay the remaining Cedar Floor Trim around the perimeter.



Align the adjacent Cedar Floor Trim and fasten through pre-drilled holes with three (3) 1 5/8" Screws through pre-drilled holes.



Using step 80, install all remaining Cedar Floor Trim.



Locate the 2x4 Cedar Hand Rail and place on a clean flat surface.



Locate the 1x3 Spindles. Place the 1x3 Spindles into the Pockets of the 2x4 Cedar Hand Rail.



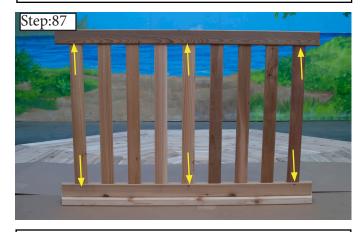
Spindles Placed into 2x4 Hand Rail.



Locate the 2x3 Bottom Rail and Place 1x3 Spindles into the Pockets in the 2x3 Bottom Rail as shown.



Fasten 1x3 Spindles to 2x3 Rail using six (6) 1 1/4" Screws through pre-drilled holes. See next Step for Screw locations.



Six (6) Screw locations.

Post and Rail Assembly

Step:89



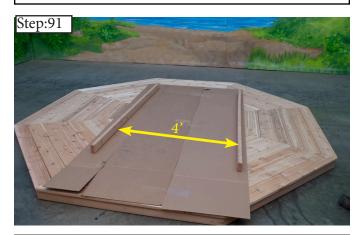
Repeat Steps 82-87 to assemble all remaining Bottom Rail Sections. Place the assembled Bottom Rail Sections off to the side.



Locate the Outside Post Plies and place on a clean level surface.



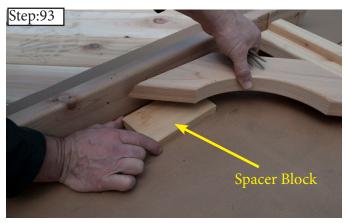
Ensure the long Point is facing up.



Place the second Outside Post Ply approximately 4' away from the first one, as shown.



Place the Brace Section Between the two Posts Plies.



Locate and place the Spacer Block underneath the Brace.

Post and Rail Assembly
Step:95



Place the Brace Section in the notch on the Outside Post Ply.



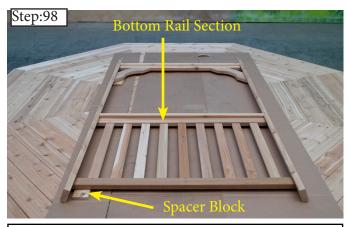
Push Brace sections Tight against Post Ply and attach using two (2) 3" Screws Through pre-drilled holes.



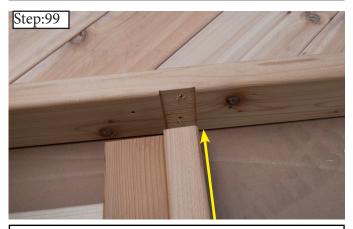
Fasten the other end of the Brace Section to the second Post Ply.



Brace Section installed.



Place a Bottom Rail Section between the Post Plies, on top of the Spacer Block, as shown.



Place the Bottom Rail Section in the notch on the Post Ply.



Push Bottom Rail section Tight against Post Ply and attach using four (4) 3" Screws through pre-drilled holes.



Fasten using two (2) 3" Screws through pre-drilled holes.



Fasten the opposite end of the Bottom Rail Section to the second Post Ply, as shown in Steps 99-101.



Railing and Brace Sections installed.



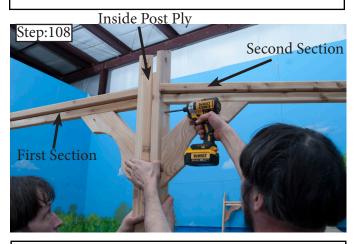
Assemble the remaining Post & Rail Sections as shown in Steps 89-102. You will have one (1) Section that will not have a Bottom Rail Section. This is for the doorway.



Start with the door section. Locate the Inside Post Ply.



Align the angle cut of the Inside Post Ply with the Outside Post Ply. Fasten using 2 ½" Screws through pre-drilled holes.



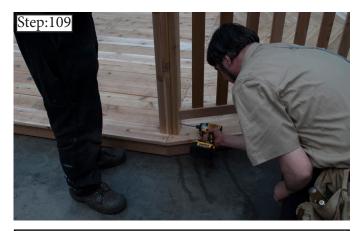
Push tight against the first section and fasten with $2\frac{1}{2}$ " Screws through pre-drilled holes.



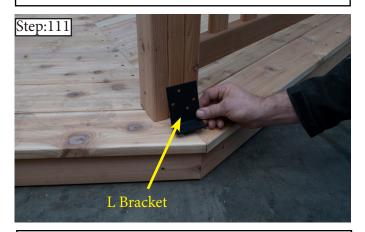
Continue installing the Post & Rail Section, as shown in Steps 105-109.



Place a Post & Rail Section against the first section.



Fasten with 2 ½" Screws through all pre-drilled holes.



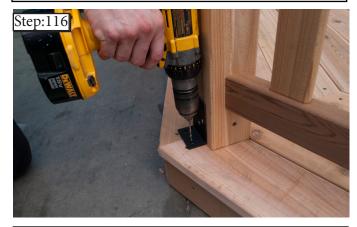
Locate the L Brackets.



Center the L Bracket on the Post and fasten with four (4) 2 ½" S S Screws through the holes in the L Bracket. Install one (1) L Bracket on the outside of each Post.



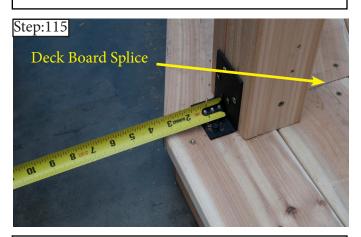
Now measure the bottom of the doorway and adjust to make the same dimension as the top.



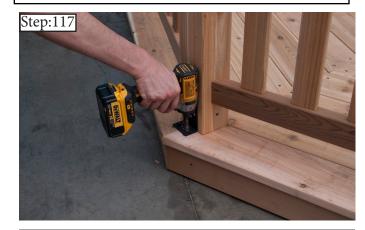
Using a ³/₁₆" wood drill bit, drill into the Deck Boards through the holes in the L Bracket.



Measure the opening at the top of the doorway.



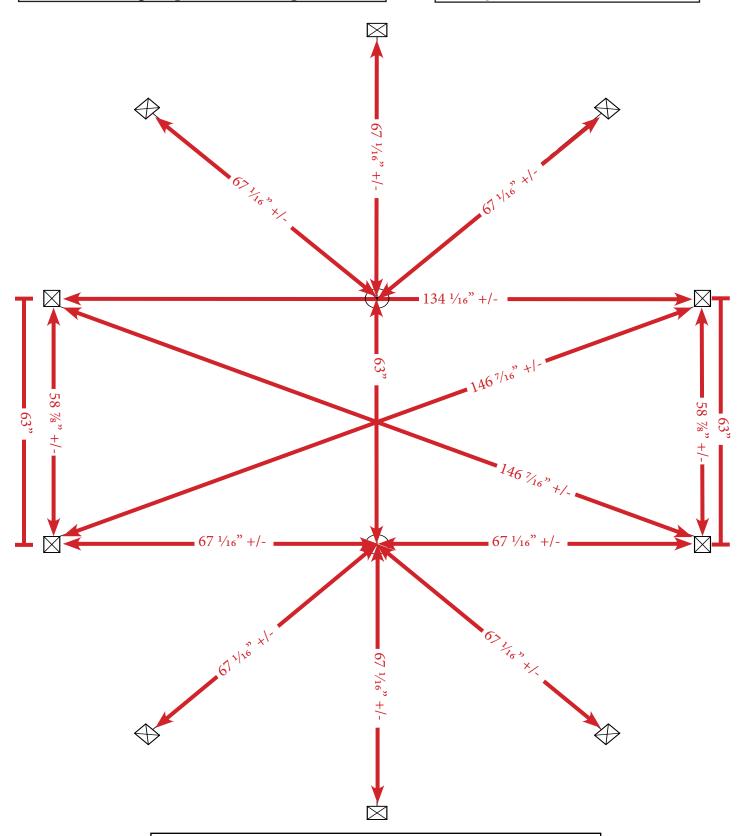
Keeping the door measurement in place, Space each post an equal distance from the edge of the floor. Center the Post on the Deck Board Splice.



Fasten L Bracket to the Floor with two (2) 4" Timber Lock Screws through pre-drilled holes. Repeat Steps 116 and 117 at each Post location.

If You did not purchase a floor with your gazebo, use the following steps to fasten the post.

Use the diagram below for the Post spacing.



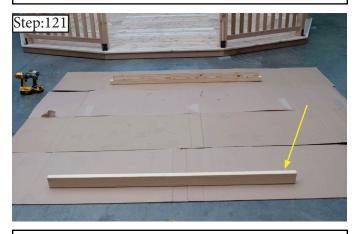
If attaching to concrete, use 1 3/4" Concrete Screws. If attaching to wood deck, use 4" Timber Lock Screws.



Locate the Ridge Piece.



Place on a clean, level surface with the notches facing up.



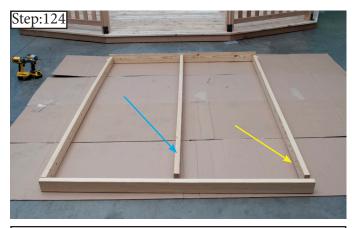
Locate the Straight Cut Roof Band Board.



Locate the Rafter With Pre-Drilled Hole.



Place the Rafter With Pre-Drilled Hole in between the other two Boards. Ensure the Pre-Drilled Hole is towards the Straight Cut Roof Band Board.



Place another Rafter With Pre-Drilled Hole on the opposite side. Then Place the Rafter Without Pre-Drilled Hole in the center.



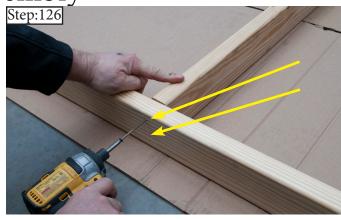
Make the Straight Cut Roof Band Board flush both ways with the Rafter With Pre-Drilled Hole. Fasten with two (2) 3" Screws. Repeat this step on the Rafter With Pre-Drilled Hole at the opposite end.



You will need to Lift the Ridge Piece and the Rafter to assemble this side. Align the bevel cut on the Ridge Piece with the top of the Rafter. Align the notch with the side of the Rafter. Then fasten with two (2) 3" Screws through pre-drilled holes.



Assemble the second Roof Panel, as shown in Steps 199-128. (You will need two Roof Panels like the one shown above.)



Center the Rafter Without Pre-Drilled Hole, with the holes drilled in the Band Board. Fasten using two (2) 3" Screws.



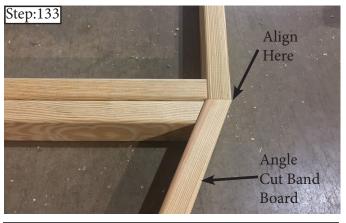
Fasten with two (2) 3" Screws at each location.



Locate the Double Rafters. Reverse all the Screws to separate the two plies.



Take two Double Rafters apart to make four Pieces.



Locate the Angle Cut Roof Band Board. Hold in place as shown.



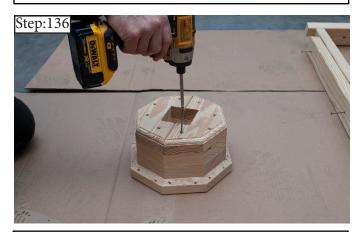
Install the rest of the 2 ½" Screws at each pre-drilled hole location. Repeat Steps 132-135 on the second Roof Panel.



Place one Rafter ply on each side of the Roof Panel Assembly. Notice the angle cut direction on the Rafter plies.



While holding the Rafter Ply in place, you may remove the Angle Cut Band Board and fasten the Rafter Ply to the Roof Assembly with 2 ½" Screws through pre-drilled holes.



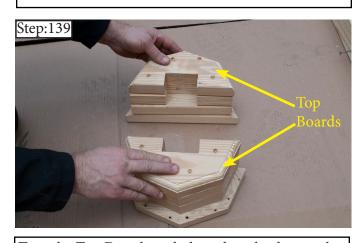
Locate the Compression Ring. Remove the eight (8) Screws from the top of Compression Ring.



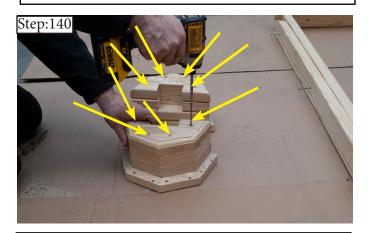
Lift the Top Boards off.



The Compression Ring will now come apart as shown here.



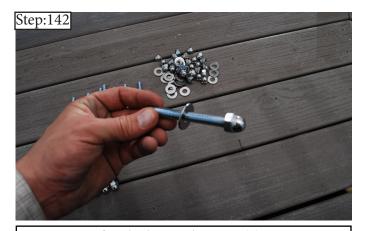
Turn the Top Boards and place them back onto the Compression Ring.



Replace the Screws back into the top of the Compression Ring.



You will now have two pieces of Compression Rings.



Prepare Roof Bolts by putting one (1) Acorn Nut and one (1) Washer on one end of the Roof Bolts as shown. **Do not tighten Acorn Nut.**



Lift the first Roof Panel in place.



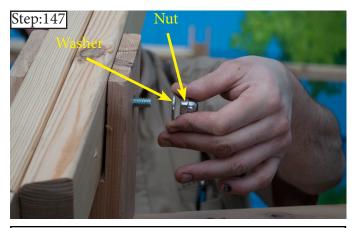
Set the Roof Panel on top of the Post, as shown.



Keep pushing up until the holes on the Rafters are aligned with the holes on the Post.



Using a Prepared Roof Bolt, Push through the pre-drilled holes.



Install a Washer and Acorn Nut on the opposite end of the Roof Bolt.



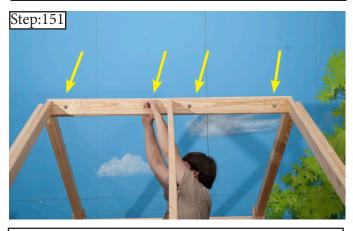
Only hand tighten for now.



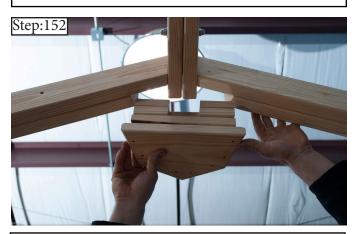
Repeat Steps 146-148 to fasten the opposite end of the Roof Panel.



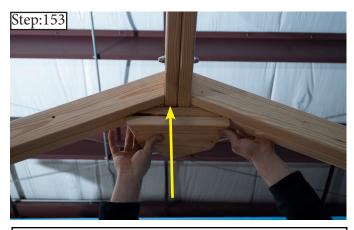
While holding the first Roof Panel up, Place the Second Roof Panel in place using Steps 144-148.



Align the two Ridge Pieces and install the Roof Bolts at these four (4) Locations.



Locate one of the Compression Rings.



Push the Compression Ring up against the Ridge Pieces.



Fasten to the Rafter with 3" Screw through pre-drilled hole.



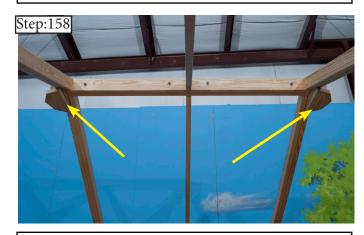
Two 3" Screw locations.



Push the Compression Ring against the Rafters and fasten with one (1) 3" Screw.



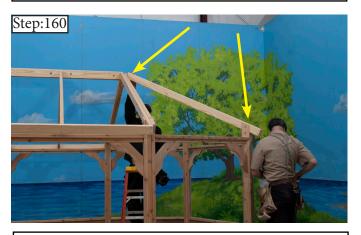
Fasten the opposite end with one (1) 3" Screw.



Install the Compression Ring on the opposite end, as shown in Steps 152-157.



Locate the remaining Double Rafters.



Set the Double Rafter on the Post and against the Compression Ring.



Using the Prepared Roof Bolts, push through the pre-drilled holes in the Post and Double Rafter.



Install the Washer and Acorn Nut. Only hand tighten for now.



Fasten the opposite end of the Double Rafter to Compression Ring with 3" Screws through pre-drilled hole.



Install the remaining Double Rafters, as shown in Steps 160-163.



All Double Rafters installed.



Locate the Angle Cut Roof Band Board.



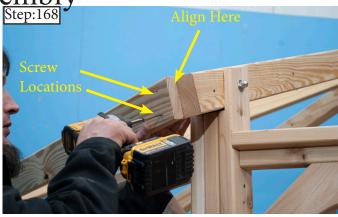
Align the Angle Cut Roof Band Board with the Straight Cut Roof Band Board and fasten with two (2) 3" Screws through pre-drilled holes.



Continue working all the way around to install the remaining Roof Band Boards, as shown in previous steps. You may need to adjust the top of the Double Rafters, to align the Band Board with the center of the Double Rafters.



Using a 5/8" Socket and Wrench, (not included) tighten all Roof Bolts that were previously installed.



Align the opposite end with the center of the Double Rafter. Fasten with two (2) 3" Screws through pre-drilled holes.



Continue installing all remaining Band Boards.



Continue to tighten all the Roof Bolts at the Ridge and all the Post locations.



Locate the Cross Ties.



Place the Cross Tie onto the Rafters. Align the cut on the Cross Tie with the top of the Rafters.



Fasten with six (6) 3" Screws through all pre-drilled holes.



Fasten the opposite end with 3" Screws through all pre-drilled holes.



Using Steps 174-176, install the remaining Cross Ties at these locations.



Locate the Straight Cut T&G Board.



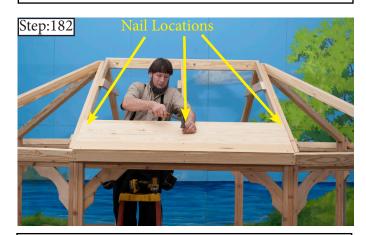
Align the Straight Cut T&G board with the Band Board and with the center of the Double Rafter at each end.



Keeping the T&G Board aligned, fasten with two (2) 2" Nails at each Rafter location.



Two (2) 2" Nails at each Rafter location.



Continue installing the T&G Boards. Two (2) 2" Nails at each rafter location.



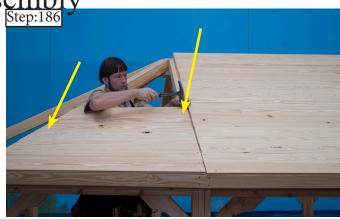
Install the Straight Cut T&G Boards on the opposite side, as shown in Steps 178-182.



Locate the longest piece of the Angle T&G Boards.



Align with the center of the Double Rafters and with the Band Board. Fasten with two (2) 2" Nails at both ends and one (1) 2" Nail in the center.



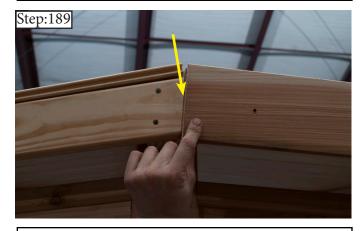
Continue installing the T&G Boards all the way up to the top. Fasten each T&G board with two (2) 2" Nails at each end.



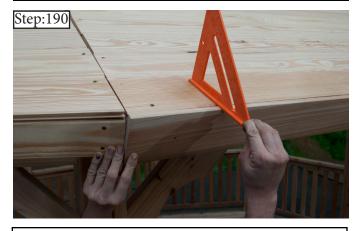
Continue installing all remaining T&G Boards as shown in Steps 184-186.



After all the T&G Boards are installed, locate the Cedar Fascia Trim.



Align with the corner of the Band Board.



Keeping the Cedar Fascia Board aligned with the corner, place a Triangle Square on top of the T&G Boards, and hold the Cedar Fascia Trim against the Triangle Square.



Fasten the Cedar Fascia Board to the Band Board with 1 %" Screws through pre-drilled holes.



Three (3) 1 5/8" Screw locations.

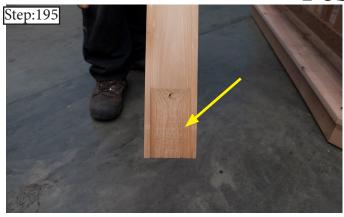


Install all remaining Cedar Fascia Boards, as shown in Steps 189-192.



All Cedar Fascia Boards installed.

Post Trim



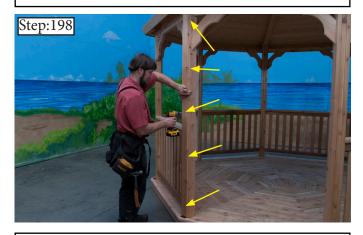
Locate the Post Trim. Notice the notch on the one end of the Post Trim.



Place against the outside of the Post.



Set on top of the L Bracket and center on Post. Fasten with 1 %" Screws through pre-drilled hole.



Fasten with five (5) 1 5/8" Screws through all Pre-Drilled holes. Install one Post Trim on the outside of each Post as shown in step 196 and 197.



Locate the Post Trim with no notches. Place against the inside of the Post.



Center on the inside of the Post and fasten with 1 %" Screws through pre-drilled holes.

Post Trim & Hurricane Plates



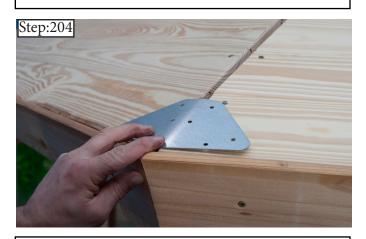
Keeping the Post Trim centered on the Post, work your way down and fasten with five (5) 1 5/8" Screws through each pre-drilled hole.



Install the Post Trim on the inside of each Post, as shown in Steps 199-201.



Locate the Hurricane Plates and bend slightly in the center.



Place the Hurricane Plate on top of the 1x6 T&G Boards.



Center the Hurricane Plate between the two roof panels and fasten the plate to the Rafters and the Band Board below using twelve (12) 10 D Nails. Install one (1) Hurricane Plate at each Roof Splice, as shown in Steps 203-205.

Tar Paper
Step:207



Locate the Pre-Cut Tar Paper. Place the Large piece at the bottom as shown.



Center the Tar Paper onto the Roof Section. Fasten Tar Paper to T&G Boards using a Hammer Tacker.



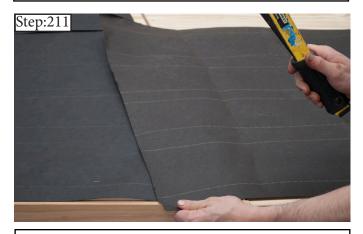
Place the Small Tar Paper piece on the top side. Overlap the Small piece over the Large piece by 2". Fasten using a Hammer Tacker.



Install the Tar Paper on all the Angled Section, as shown in Steps 206-208.



Locate the Straight Cut Tar Paper. Overlap onto the Angled Roof Sections and fasten approximately every 6" using a Hammer Tacker.



Fasten the opposite end, as shown in Step 210.

Tar Paper



Install the remaining Straight Cut Tar Paper, as shown in Steps 210-211. Fasten the Tar Paper approximately every 8" in the center.



Fasten to T&G using a Hammer Tacker.



Install all remaining Hip & Ridge Tar Paper at all Roof splice locations, as shown in Steps 213-215.



Locate the Hip & Ridge Tar Paper. Center on the splice of the Roof Sections.



Roll all the way up to the top. Use a Hammer Tacker to fasten to T&G approximately every 6".

Your Gazebo is now ready for shingles and good times!

Congratulations!

Congratulations! Enjoy your new Gazebo!





YardCraft.com Info@YardCraft.com 191 Jalyn Drive New Holland PA 17557 1-844-442-1615