

Wood Oval Gazebo



Assembly Manual

Oval Wood Gazebo Assembly Manual

Thank you for your purchase of this Gazebo.

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

The Gazebo put together for this manual was a 12x16' Oval. This manual can also be used for other sizes. This manual was designed using basic gazebo options. If you ordered a custom gazebo or custom options you may find some details different. In certain sections we used the instructions from the Octagon Assembly Manual. It took two of our men about 6 hours to assemble a 12' Oval Gazebo. 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.

Tools Required for Job



6' & 10'
Step
Ladders



Rubber
Mallet



Hammer



Ratchet with
9/16", 5/8" & 3/4"
Socket



Hammer
Drill



1/2" Concrete
Drill Bit



25' Tape
Measure



Hammer
Tacker



Utility
Knife



Paint
Brush



Cordless
Drill



Clamp



(1) 2x4x10' Long



3.1/2" Roof Bolt w/
Washers and Nuts



4" Floor Bolt w/
Washers and Nut



3.1/2" Floor Bolt w/
Washers and Nut



Shingle Nail



Lag Bolt
(Engineered & No Floor Only)



2" Brown Screw



3" Brown Screw



3.1/2" Brown Screw
(Engineered Gazebo Only)



1.1/4" SS Screw



Square Head
Driver Bit



Touch Up Stain or
Paint Can



Name Plate

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34	Attach Finial or Cupola



Bottom Rail



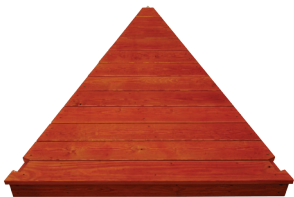
Top Rail



Door Header



Post

Standard or Pinnacle
Roof SectionLower Pagoda
Roof SectionPagoda Roof
Ring SectionUpper Pagoda
Roof Section

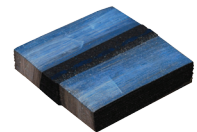
Floor Section



Cupola



Pagoda Ring

Asphalt Shingle
CappersEngineered Spec Gazebos Only
Upper Pagoda BracketEngineered Spec Gazebos Only
Lower Pagoda Bracket



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



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.



Remove Straps and Protective Plywood carefully as to not damage gazebo parts.



The Floor and Roof Sections will be attached together for transportation purposes, remove screws and vertical straps holding floor and roof sections together.

Important:

If you ordered your gazebo without a floor Complete Pages 6 and 7, then skip to Page 13 and continue.

If you ordered your gazebo with a floor Start on Page 8 and continue.

Note: The instructions on Pages 6 and 7 are for an Octagon Gazebo, the information is correct for both Oval and Octagon.



Start by locating all Posts. The posts have a Bottom and Top Bracket. The Photo above shows the Bottom Bracket.

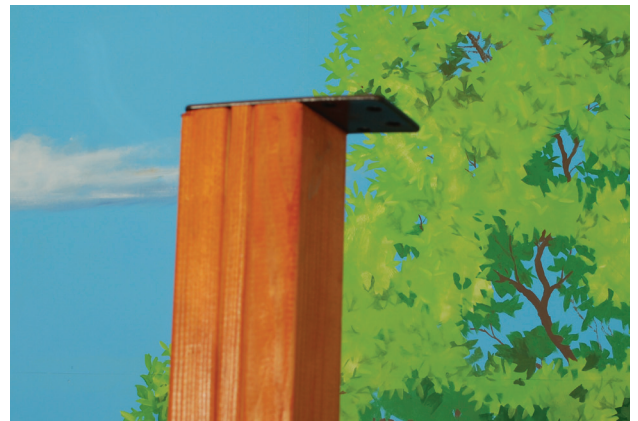
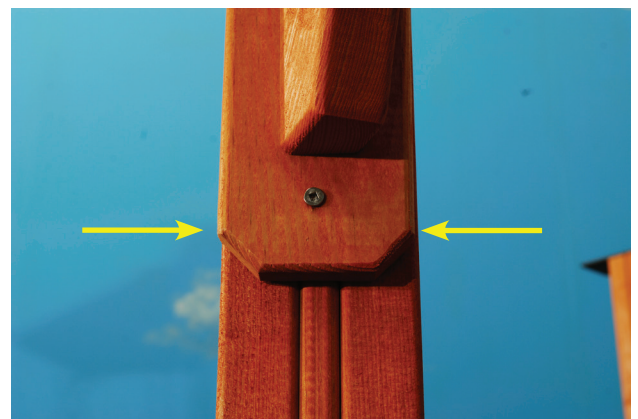


Image of the Top Bracket. The Top and Bottom Brackets will be facing towards the outside of the gazebo.



Place the Door Header against the first Post.

(If you ordered a Screen Package, use a Top Rail Section to complete this step)



Ensure the Door Header or Top Rail Section is centered on the Post.



Ensure top of Door Header or Top Rail Section is flush with top of Post.



Attach the Door Header or Top Rail Section to the Post using 2.1/2" Brown Screws through all pre-drilled holes.



Attach the second Post on the opposite side of the Door Header.



Continue working around the Gazebo. Start by finishing only half of the Gazebo. Then restart at the front doorway and work the opposite direction.



Install final Rail Section. At this point you may have to adjust the other posts to bring the last Rail Section together.



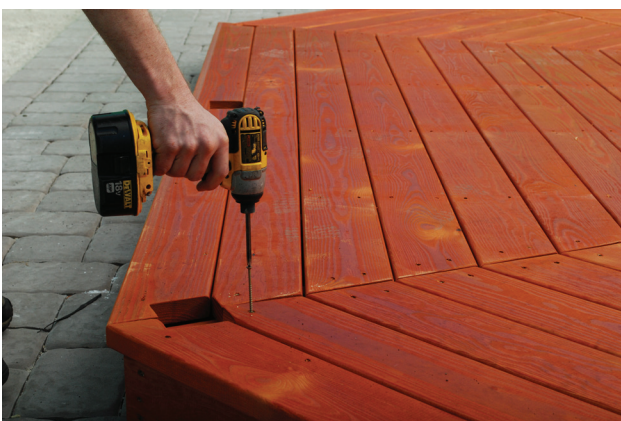
Continue on Page 13 "Installing Bottom Rails" Or, If your gazebo received screens, go to page 14. "Installing Screen Door"



Carry the first Floor Section into position. Locate the center point of the Floor Section close to the desired location.



Wood gazebo floor sections are pre-assembled and numbered at the factory. It is important that the adjacent numbers match.



Locate the floor boards that are being held in place by only two screws and remove the screws. These floor boards will be directly above the pre-drilled holes in the joists below.



After removing the Screws, pull up the Floor Boards, and set them neatly beside the opening.



Floor Boards removed.



Install Post into floor.



Be sure the Top Bracket is facing towards the outside of the Gazebo.



The Bottom Bracket will slide over the joists.



Set the Post firmly down into position.



Prepare the 3.1/2" Floor Bolts by installing (1) Washer per bolt.



Ensure top edge of the Floor Boards are even. If necessary use a shim. (Not provided)



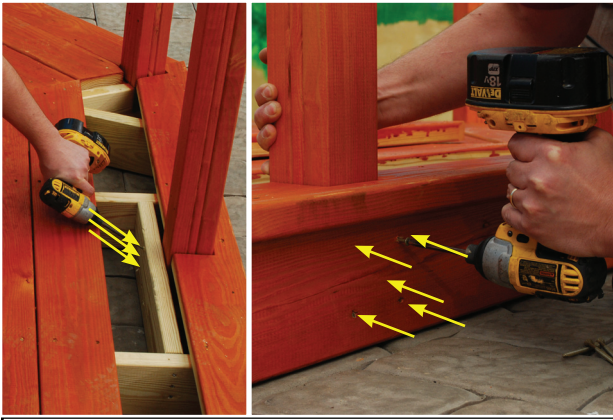
Fasten Bolt by sliding a second washer on bolt and attaching the 9/16" nut. Using two 9/16" sockets or wrenches tighten bolt.



Insert prepared Bolt and Washer through the metal bracket attached to post and floor joists.

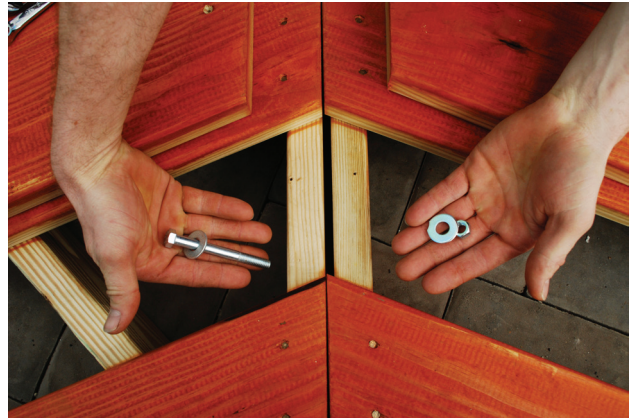


Continue around the Gazebo finishing all corner posts using previous steps. Continue by inserting center Posts, center Posts do not have metal bracket at bottom.



Attach center Post to Floor Joists using 3" Brown Screws.

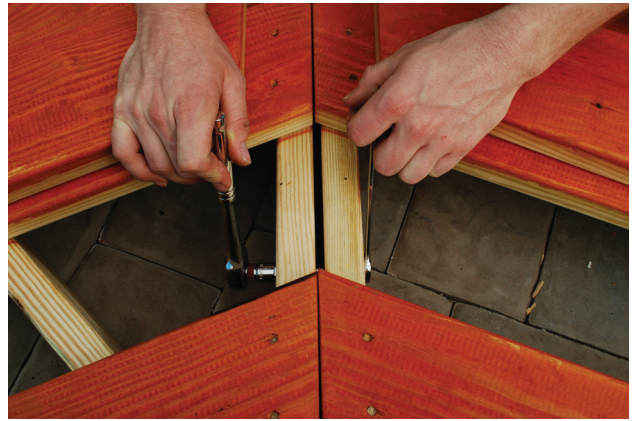
- (3) Screws from the inside
- (5) Screws from the outside



Insert 3.1/2" Floor Bolts into all other pre-drilled holes where floor boards have been removed.



Ensure Floor is level and flush at the top of the floor board before tightening.
Use shims if necessary. (Not provided)



Tighten all Floor Bolts using two 9/16" sockets or wrenches.



Re-Install all Floor Boards and fasten using 2.1/2" Brown Screws filling all pre-drilled holes.



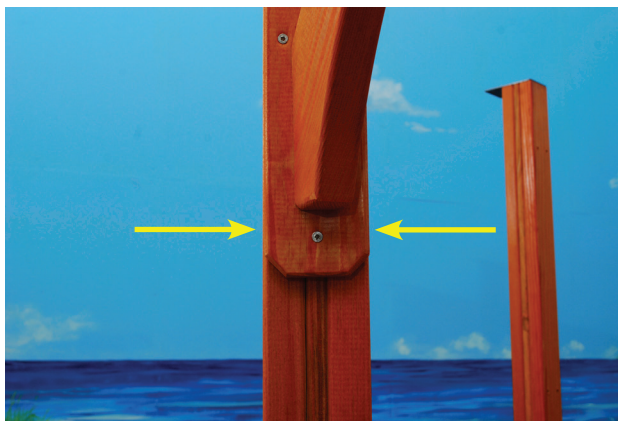
All Posts and Deck Boards installed.



Prepare to install all Top Rail Sections and Door Header.
The doorway is the section with no spindles.



For a Gazebo without a Screen Package,
position Door Header between Posts



Ensure the Door Header is centered on the
Post.



Ensure top of Header is flush with top of Post.



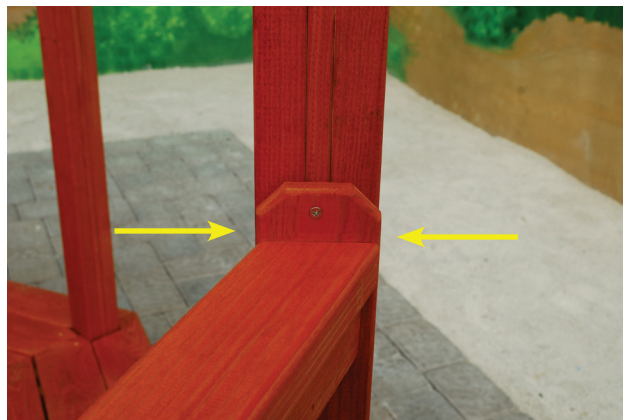
Attach Header to Post using 2.1/2" Brown
Screws through all pre-drilled holes.



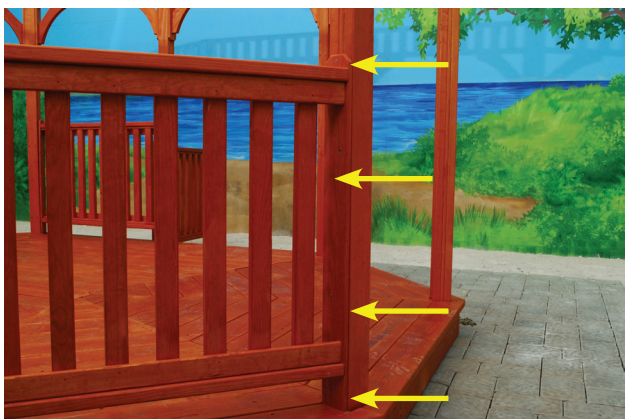
Install all Top Rail Sections.



Install the Bottom Rail Section.



Align Railing Section on the center of the post.



Attach Railing to Posts using (4) 2.1/2" Brown Screws in the locations shown.



(For Engineered Gazebos Only)
Attach Railing to Posts using (5) 2.1/2" Brown Screws in the locations shown.



Install all Rail Sections.

Alternative Setup Instructions:

Gazebos with a floor you can Install the bottom rails after the roof is installed. This will allow you to easily move in and out of the gazebo while finishing the roof. Gazebos without a floor must have bottom rails installed before moving on for stability.



If you received a Screen Package install the screen door between the Posts.



Ensure the Doorway is centered between the Posts and flush with the top of the Posts. Attach the doorway with 2.1/2" White Head Screws through the pre-drilled holes.





Prepare all Roof Bolts by assembling with

- (1) Acorn Nut
- (1) Washer
- (1) Threaded Stud



Determine Center of Post and make a mark.



Carefully carry the first Roof Section into position.
Lift first Roof Section onto top of Top Rail.



Lift Roof Section up into approximate finished location.



Attach a 2x4 Prop to keep in elevated position.



Place Roof Section so the edge of the Roof is aligned with the center of the Posts on both sides. Ensure inside Roof Plate reveal is equal all the way across.



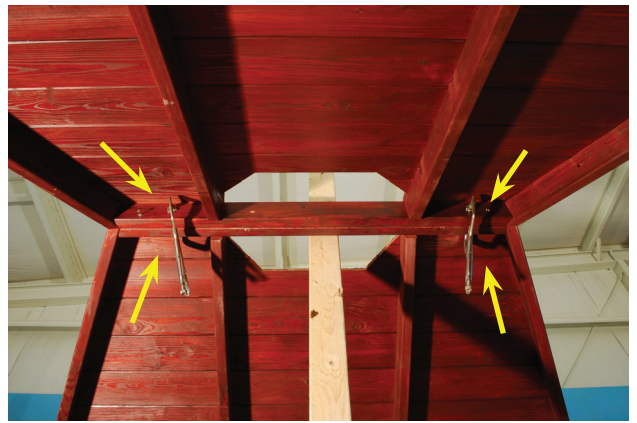
Attach the Post to the Roof Section using (1) 2.1/2" Brown Screw per side.



Slide the opposite Roof Panel up onto Top Rail Section.



Align Roof carefully together.



Clamp the Roof Section together and attach the two Roof Panels with (4) 2.1/2" Brown Screws.



Place the second Roof Section so the edge of the Roof is aligned with the center of the Posts.



Attach the Post to the Roof Section using (1) 2.1/2" Brown Screw per side.



If your Roof is numbered locate the Roof Panel with the matching number.



Slide the adjacent Roof Panel up onto Top Rail Section.



Ensure outside edge of Roof is aligned and tight.



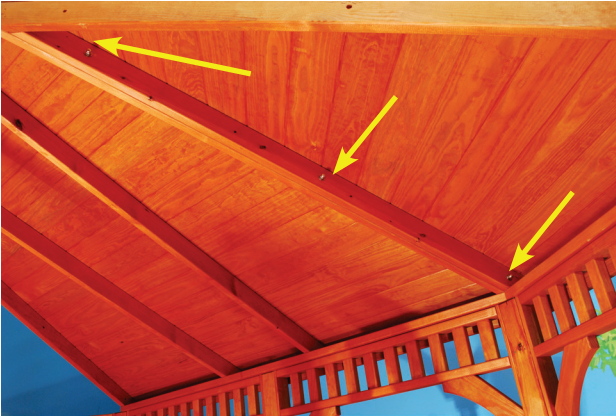
Clamp the Roof Panels together in two to three locations up the rafter.



Install the Roof Bolt, with a Washer and Nut attached.



Fasten Bolt by sliding a second Washer on Bolt and attaching the Acorn Nut.
Using two 5/8" sockets or wrenches tighten securely.



Install all Roof Bolts, Washers and Nuts through all pre drilled holes in the Rafters.



Continue installing roof sections working around the gazebo.



Install all Roof Bolts, Washers and Nuts in each roof section as you work around gazebo.



Fill all remaining holes on Bracket located at the top of the Post. Using 2.1/2" Brown Screws.



Attach each Upper Rail to the Roof Section using (3) 2.1/2" Brown Screws.
(1) Screw on the inside centered and (2) Screws on the outside at third spindle. Larger units may need additional screws



Complete entire roof.



Prepare all Roof Bolts by assembling with

- (1) Acorn Nut
- (1) Washer
- (1) Threaded Stud



Determine Center of Post and make a mark.



Carefully carry the First Roof section into position.



Lift first Roof Section onto top of Brace Section.



Lift Roof Section up into approximate finished location.



Attach a 2x4 prop to keep in elevated position.



Place Roof Section so the edge of the Roof is aligned with the center of the Posts on both sides. Ensure inside Roof Plate reveal is equal all the way across.



Attach Roof to Post using (1) 2.1/2" Brown Screw per side.



If your Roof is numbered locate the Roof Panel with the matching number.



Slide the adjacent Roof Panel up onto Top Rail Section.
Position the Roof Panel tight against the adjacent Roof Panel.



Ensure outside edge of Roof is aligned and tight.



Clamp the Roof panels together in two to three locations up the rafter.



Install the Roof Bolt, with a Washer and Nut installed.



Fasten Bolt by sliding a second washer on bolt and attaching the acorn nut. Using two 5/8" sockets or wrenches tighten securely.



Install all Roof Bolts, Washers and Nuts through all pre drilled holes in the Rafters.



Continue installing roof sections working around the gazebo.



Install all Roof Bolts, Washers and Nuts in each Roof Section as you work around Gazebo.



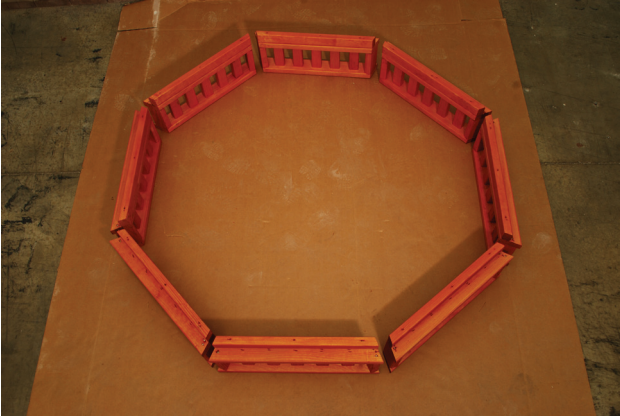
Fill all remaining holes on Bracket located at the top of the Post. Using 2.1/2" Brown Screws.



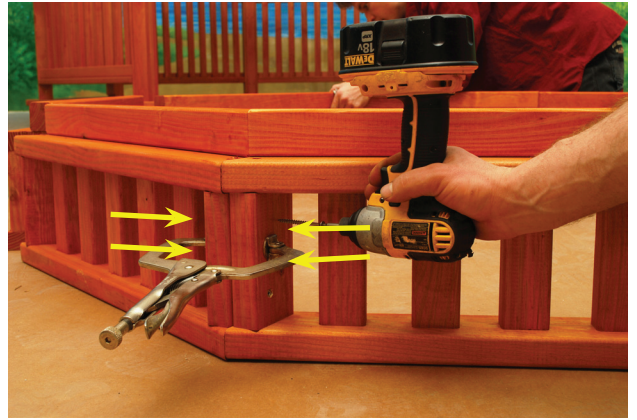
Attach each Upper Rail section to the Roof Section above using (3) 2.1/2" Brow Screws. (1) Screw on the inside centered and (2) Screws on the outside at third spindle. Larger units may need additional screws



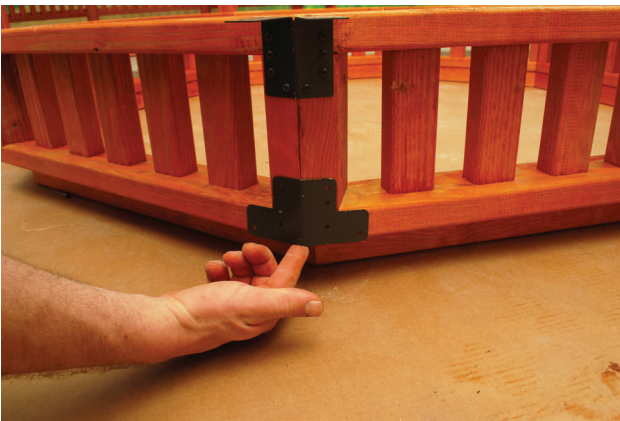
Complete entire roof.



Layout the Pagoda Roof Ring Sections.



Attach the Pagoda Roof Ring sections together using (4) 2.1/2" Brown Screws per section. Complete by attaching all sections together.



(For Engineered Gazebos Only)
Find Lower Pagoda Bracket



(For Engineered Gazebos Only)
Attach Lower Pagoda Bracket to the bottom of the Pagoda Roof Ring with (8) 2" Brown Screws.



(For Engineered Gazebos Only)
Find Upper Pagoda Bracket



(For Engineered Gazebos Only)
Attach Upper Pagoda Bracket to the Top of the Pagoda Roof Ring with (8) 2" Brown Screws.



Lift the completed Pagoda Roof Ring onto the Roof.



Place the Pagoda Circle into position and pressed firmly down against the Lower Roof Sections.



Attach Pagoda Roof Circle to the Lower Roof Section using (1) 2.1/2" Brown Screw centered on each ring section.



Carefully place the first, Upper Roof Section into position.



Attach a 2x4 Prop to keep in elevated position.



Center the Roof Section on the Pagoda Ring section below. Ensure inside reveal is equal all the way across.



Attach the Pagoda Roof to the Pagoda Ring using (2) 2.1/2 Brown Screws (Toed) at each side.



(For Engineered Gazebos Only)

Attach Upper Pagoda Bracket to the above Roof Panel using (4) 2" Brown Screws.



Slide the adjacent Roof Panel up and onto the Pagoda Circle..
Position the Roof Panel tight against the adjacent Roof Panel.



Position the Roof Panel tight against the adjacent Roof Panel.



Clamp the Roof Panels together in one or two locations up the Rafter.



Install the Roof Bolt, with a Washer and Nut attached.



Fasten bolt by sliding a second washer on bolt and attaching the 1/2" Acorn Nut. Using two 1/2" sockets or wrenches tighten securely.



Continue working around the Pagoda Roof.



After all roof sections are installed, attach each Roof Section to the Pagoda Ring below using (2) 2.1/2" Brown Screws, per section. For larger units use more screws.



(For Engineered Gazebos Only)
Add 3.1/2" Brown Screws into Pre drilled holes.



Complete entire roof.



Measure the distance between the Posts at the top of the Doorway.



Ensure bottom of Doorway equals the same measurement as the top.
Space the bottom of the Posts the same distance apart as the top of the Posts.



Measure diagonally between posts



Continue measuring diagonal around the gazebo ensuring Posts are correctly spaced.



Using a Hammer Drill and a 1/2" Bit, drill a 4.1/2" deep hole.



Attach the gazebo to a concrete foundation (or other) with a 4" Concrete Lag bolt using a 3/4" Socket.



Capping the Roof Ridge.
Start 1st Capper centered on Ridge down past corner.



Fasten using (2) 1" Roof Nails per Capper.
Fasten Nail through black tar strip.



Align bottom of 2nd Capper w/ small groove on the side of the capper below it.
Leave approx 5" exposure to the weather.



Fasten using (2) 1" Roof Nails, (1) per side..

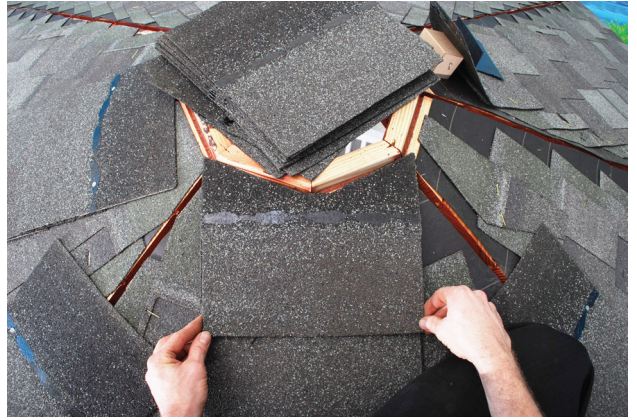


Continue up the ridge using the same previous steps. Install cappers in a nice straight row for a neat appearance from ground view.





Cut and Trim top Cappers around Cupola Hole or Pagoda Circle.



Trim and Finish all Sides.



Trim the bottom edges using a shingle scissors or a utility knife.



Capping the Ridge.
Start 1st Capper centered on ridge even with bottom edge of the Rubber Slates below.



Fasten using (2) 1" Roof Nails per Capper.
Fasten Nail through black tar strip.



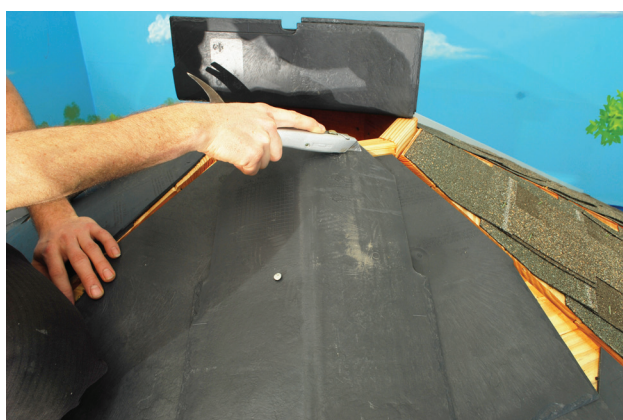
Align bottom of 2nd capper w/ small groove of the capper below it.
Leave approx 7" exposure to the weather.



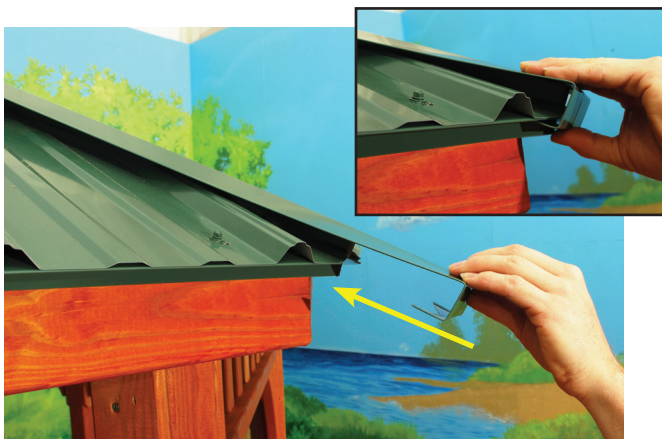
Fasten using (2) 1" Roof Nails, (1) per side..



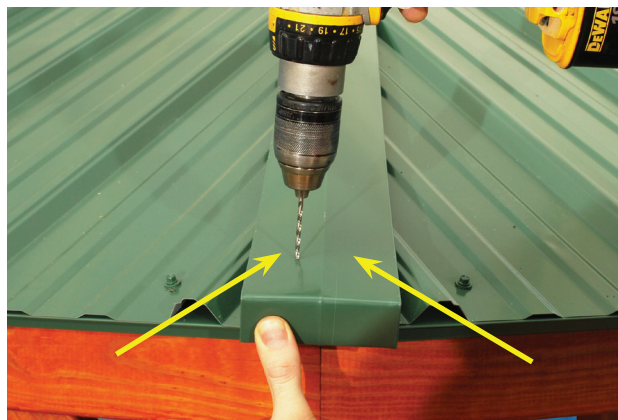
Continue up the ridge using the same previous steps. Install cappers in a nice straight row for a neat appearance from ground view.



Trim the top edges using Utility Knife.



Installing Metal Roof Capping
Start by sliding Metal Roof Capper into position as shown.



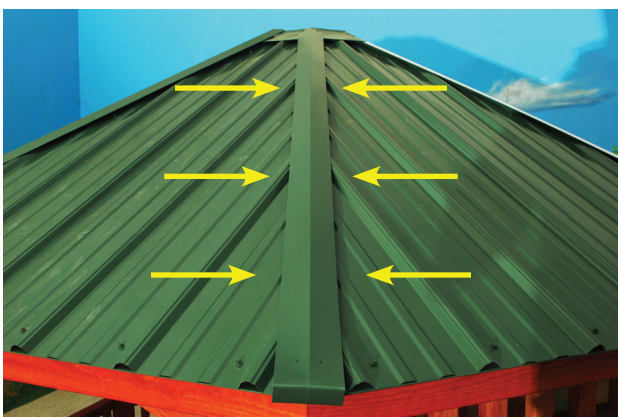
Pre-Drill (2) 1/8" holes at the bottom of the Capping and be sure to drill through the Ridge Piece below.



Attach the Metal Capping to the Ridge Piece
below using the provided rivets. Install all Capping Pieces using previous steps.



Trim each Ridge Piece at the top to be flush with the top edge of the metal roofing as shown.



Add additional rivets up each Ridge to secure the metal ridge in locations shown.



Locate the set of two small Cedar Cappers. Align these two Cappers together as shown and even with the edge.



Attach Cappers to roof using the provided 2" Long Galvanized Nails.



Using a Stapler, attach the 3" wide Roofing Paper to the installed cappers.



Attach the Roofing Paper to the top ring below cupola. Then refer to Page 34 for installing the Cupola or Finial before moving beyond this step.



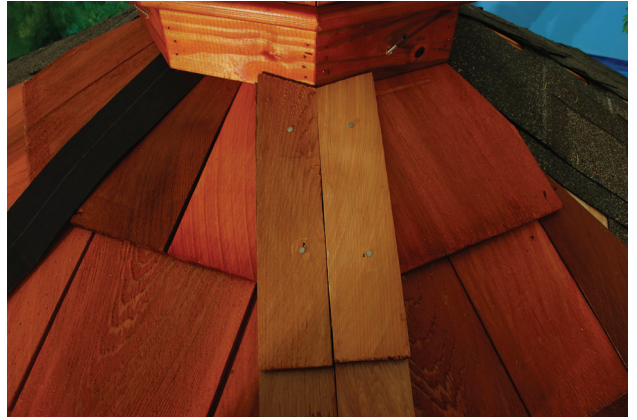
Locate the long Cedar Shake Cappers. The Cappers are pre-cut to fit together as shown above.



Align the top edge of the Cappers with the next row of shingles shown above and attach the cappers to the roof using the provided 2" Galvanized Nails.



Continue working up the roof aligning the Cappers as shown.
Install Cappers in a nice straight row to ensure a neat appearance from the ground.



When you reach the top, cut the final set of Cappers to fit around the cupola or finial.
Or in some sizes the top row or two are pre-cut.



Cut the edge of the Cappers off flush with the roof edge using a circular saw or jig saw.



Stain all of the Cappers using the provided stain to match.



If you ordered a cupola, Install the cupola Ring onto the ridge of the roof.



Attach the cupola ring to the ridge beam using (4) 3" Brown Screws.



If you purchased a Cupola.
Place the Cupola on the center of the roof.
Measure both sides to ensure the Cupola is centered.



Fasten Cupola to the Roof using (4) 2.1/2" Brown Screws.