# Dodecagon Gazebo

Assembly Manual

If you are in the middle of your project and you need assistance
Call (717) 351-9250

# Gazebo Assembly Manual

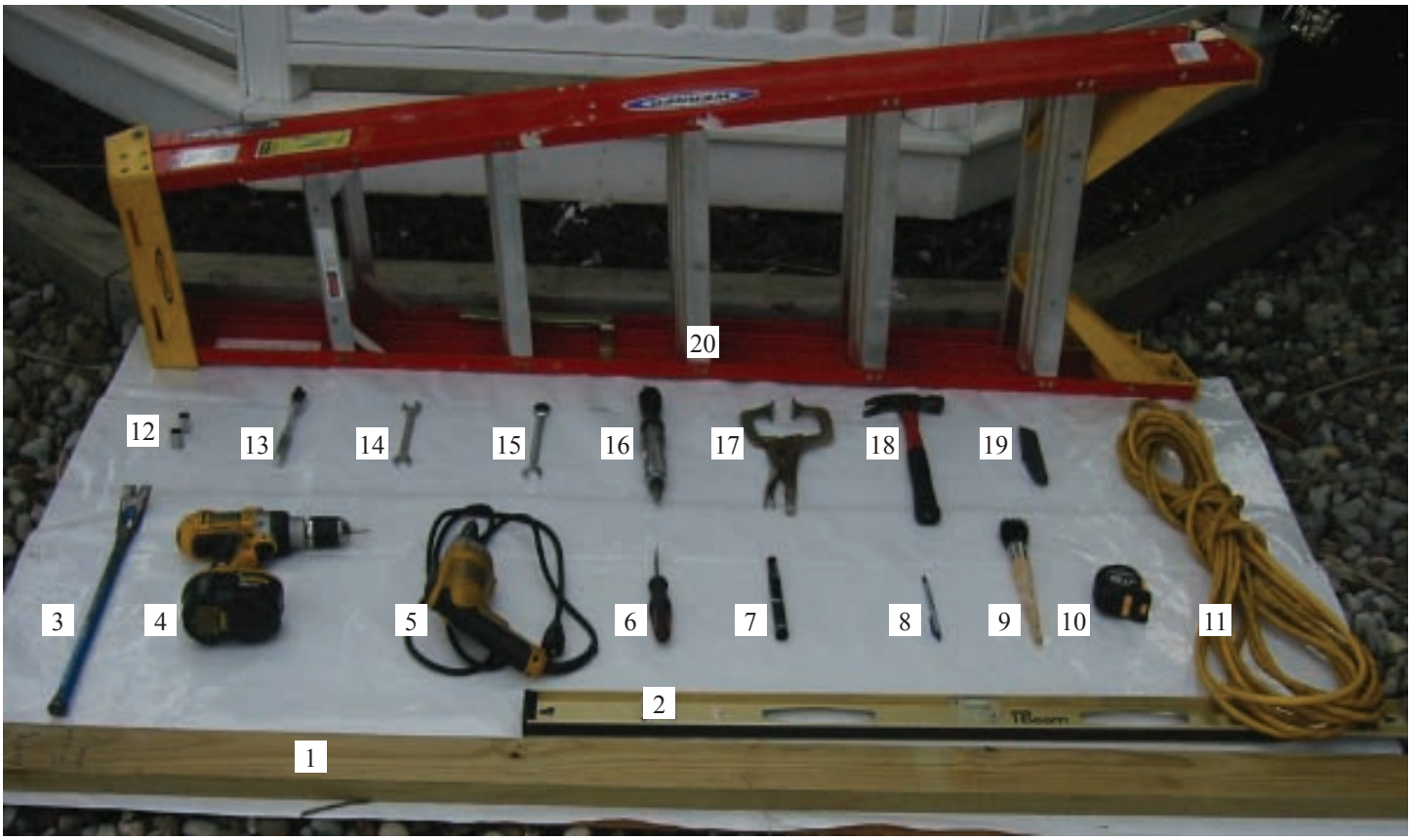
Thank you for your purchase of this Gazebo.

This manual is designed to simplify the assembly process, however we strongly 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 26' Dodecagon. This manual can also be used for other models. It took 5 men, approximately 8 hours using air tools shown below. 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!

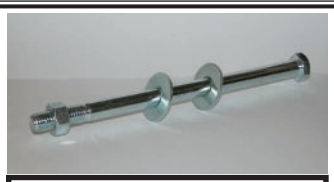
You have purchased a product that consists of heavy, bulky pieces. With your purchase, you assume full responsibility to have the necessary manpower and/or equipment available to unload the items. You also agree that any damage that happens to the equipment, product, or individuals during the unloading 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 Needed

1. 2"x4" Prop
2. Level
3. Pry Bar
4. Cordless Drill
5. Electric Drill
6. Flat Head Screw Driver
7. Magic Marker
8. Pen
9. Paint Brush
10. Measuring Tape
11. Electric Cord
12. 9/16"(Roof) & 5/8" (Floor) Sockets
13. Socket Wrench
14. 9/16" Wrench
15. 5/8" Wrench
16. Air Socket
17. 11" Vice Grip Clamp
18. Hammer
19. Sharp Utility Knife
20. 2 Large Ladders 10'

# Hardware & Parts

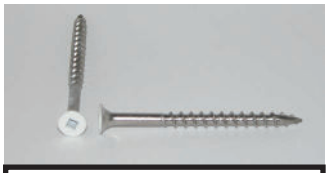


1/2 x 9” Bolts
for Floor

3/8 x 4” Bolts
for Roof

3/8 x 3 1/2 Bolts
for Floor

3/8 X 3 1/2” Roof Bolts
with Acorn Nuts

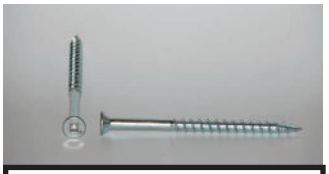


10 x 2 1/2 White Head
For Top and Bottom Rails

10 x 1 1/2” SS Screw
For Floor and Post Plate

10 x 1 1/2” SS Screw
For Pagoda Angle

7/8” Capper Nails
For Shingles



10 x 3 1/2” SS Screrw
For Posts

2 1/2” Finishing Nails
Cedar Shingles Only

12 Pagoda Angle Brackets

12 Corner Caps
For Floor

12 Floor Sections

Center Floor Boards

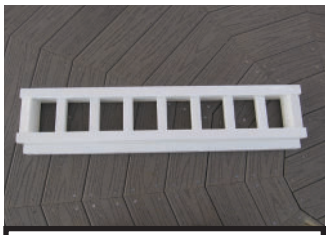
12 Posts

Bottom Rails

Top Rails

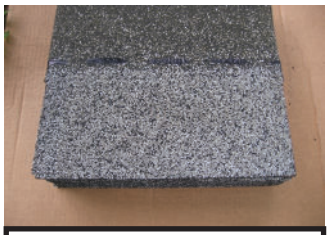
Door Way

12 Bottom Roof Sections

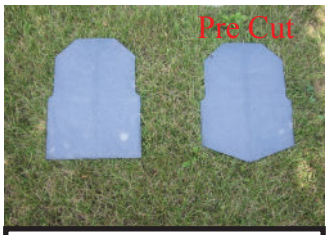


Pagoda Spindles

12 Pagoda Roof Sections



Asphalt Cappers




Rubber Slate Cappers

Cupola

# Unpack Your Gazebo

A 26’ Dodecagon Gazebo with a Pagoda Roof may come in 3 or 4 pachages.

Use a sharp utility knife to cut shrink wrap

Use Caution and do not cut into Gazebo Material.

Remove Roof Sections and Set down in a clean place.

Use a screw gun and the provided square drive bit, remove screws from floor sections.

These screws were used for shipping purposes and will not be reused.

Remove Board from sides of Floor.

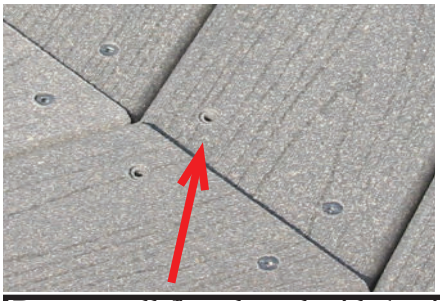
These boards and screw were used for shipping purposes and will not be reused.

Unpack all Gazebo Parts onto a clean place so that you can easily see and move parts for easy identification.

# Floor Layout

Find the Center of the area the Gazebo will be Built. Place floor section down one at a time side by side working around .

*IMPORTANT* When Placing floor pieces ensure all numbers match side by side as shown above.



Remove all floor board with 1 missing screws on each end. (Shown above with red arrow) This will always be the second board from the outside and the rest will be spaced threw out the floor.
After removing floor boards locate bolt hole below floor. (Do not install Bolts at this time)

Keep all floor boards in there original location by placing it behind there original spot. As shown above.

# Post and Floor Assembly

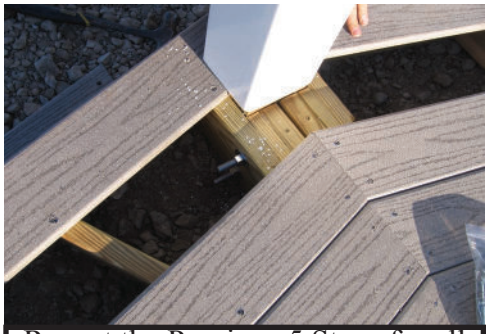
Insert Posts into Prepared Post Holes. Do this before you fasten any floor bolts.

Ensure that all of the plates located on the top of the posts face outward from the gazebo.

Insert (2) 9” Bolts through floor Joists into the pre-drilled holes.

Ensure the floor joists are flush and tighten both bolts securely.

Attach Post to floor using (8) 3 1/2” SS Screws (4 Per side).



Repeat the Previous 5 Steps for all 12 outsides corners before moving forward to the next step.

After securing all outside corners, Proceed to insert and tighten all other bolts.

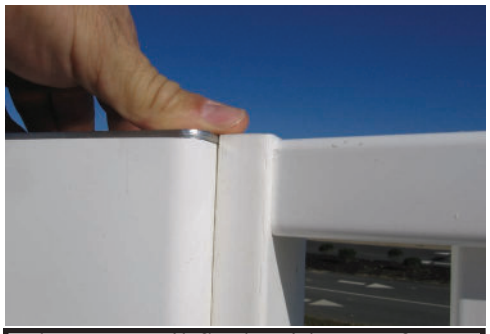
Fasten Posts to floor from outside of gazebo using (4) 3 1/2” screws.

Install floor boards into there original location and attach using 2 1/4” SS Screws.
Counter sink 1/16” below surface.

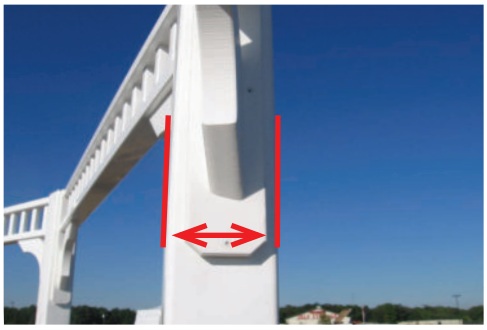
# Fasten Top Rails

Place top rails into place temporarily. Locate Doorway in desired location.

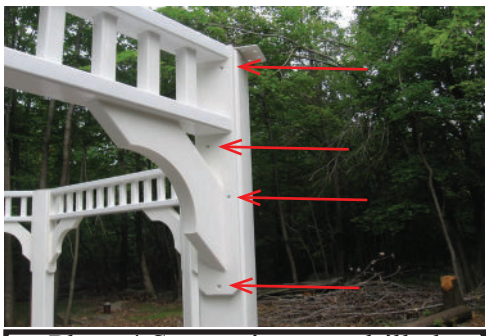
You will need 2 Men for the following steps. 1 to hold and 1 to place screws (use 2 1/2” white head screws)



Place top rail flush with top of Post Plate.



Align top rail section center onto post.



Place 4 Screws into pre drilled holes. (Or if not pre drilled place evenly as shown above)

# Fasten Bottom Rails

You can choose to do this section before or after you install the roof. You may find it eaiser to move around while installing the roof if you do not install the bottom rails untill after you complete the roof.

Place bottom rails center onto post.

Using (4) 2 1/2” White Head Screws. (Space evenly as shown above.) Drive and Counter sink screws 1/16” below surface.

WARNING: Do not drive screws to deep.

Fasten Corner Caps onto floor joists at each corner.

Using (2) 2 1/2” White Head Screws per corner.

# Install Roof Sections

You will need 4-5
"Stong individuals"
for the following steps.
Or use a crane, Pettibone or
skidsteer if availible.

Lift (1) roof section with a man at each corner and slide onto top rail from outside if possible.

Readjust your men and slide it up carfully not to damage any parts.

Measure from the floor up to the desired roof hight and cut (4) 2x4 for props.

Set ladders in place and slide up the roof section to appropriate roof height and prop it up. Using cut 2x4's.

You can use the old skid for 2x4 props if necessary.

Slide another section up and clamp it into place using a c-clamp. We used a 11" vice-grip clamp.

Mark the center of the post and line up the 2 section center. Ensure the reveal of the 2x10" roof board is equal on both sides. It is very important that all sections are center.

After aligning roof section to each other and centering onto post. Clamp again tightly at base and install (2) 4" Bolts at bottom holes.

Insert Bolts in remaining predrilled holes. Using 3 1/2 studs with acorn nuts and washers.

Use 2 1/4" SS Screws to attach post plate to roof section.

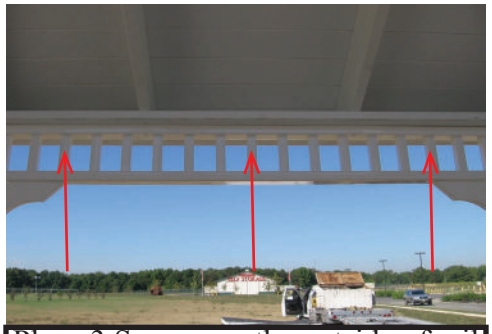
Fasten Plate with 4 screws per plate. Ensure alignment.

Continue to add sections and add roof props as you go to support roof.

Add studs, nuts and washers to all sections as you go.

After adding the final roof section into place and all bolts and studs are installed and tightened. Fasten Pagoda Angle Brackets with 2 1/2" White Head Screws. Fill ALL holes.

Fasten Top rail to roof section using 2 1/2 White Head Screws.
In the following locations

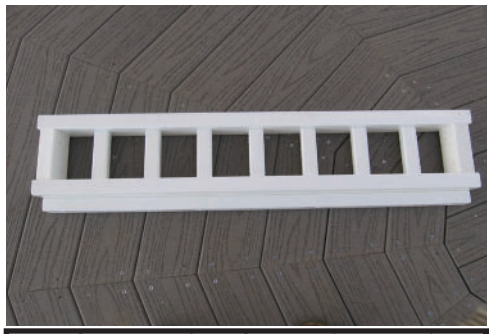


Place 3 Screws on the outside of rail spaced evenly.

Place 2 Screws on the inside evenly spaced.

Tighten Screw to counter sink it slightly. DO NOT drive screw threw vinyl material. Please use Caution.

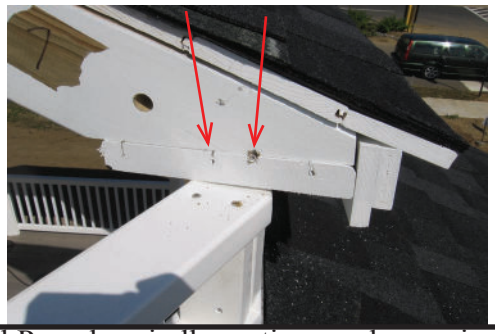
# Install Pagoda Roof

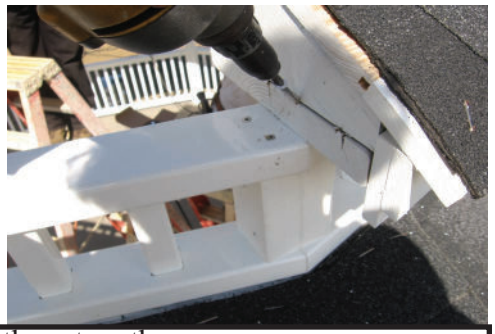


Before moving forward go to the "Install Roof Cappers" section and add the roof capper to the first completed roof.

After adding roof cappers Align Pagoda spindle section evenly on outside and flush on top.

Fasten together with
(4) 2 1/2" White Head Screws
(2) per side.





After adding all Pagoda spindle sections and screwing them together,
Lift the first pagoda section up into place as shown.
Fasten roof section using (4) 2 1/2" White Head Screws (2) for each side as shown above.

Fasten Second Roof Section using a C-clamp and Insert Studs in all predrilled holes and tighten with washers and acorn nuts.

Attach roof to spindle section using (3) 2 1/2" White Head Screws Per sections.

Fasten Pagoda to first (bottom) roof section using (3) 2 1/2" White Head screws per section.

# Install Roof Cappers

Align center of capper onto roof seam. Fasten with (2) 7/8” Roof Nails or your own roofing nailer. Caution: Do not drive nails through bottom side of ceiling.

Install 2nd piece at approx 5” exposure. Cappers have tabs at 5”

Trim 1st roof capper. It is easier to trim before the pagoda roof is installed.

After Intalling all Shingles to the 1st Roof. Go Back to “Install Pagoda Roof” Section and continue here after installing the Pagoda Roof.

Capper at 2nd Roof Install the same as above exept Install the Shingles every other row first and trim to fit as shown above.

After installing every other row then install the remaining rows and trim to fit.
This will give an over lap look.

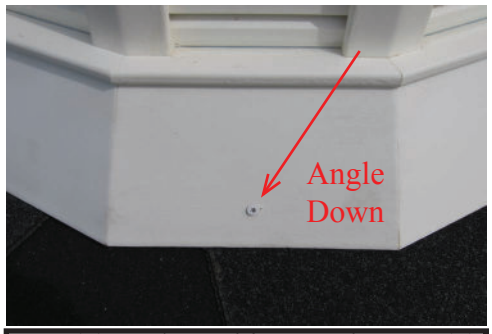
Cut tabs off of bottom edge using a scissors or knife.

If you have purchased a screen package. Fasten screen on top of cupola hole with a stapler.

Trim excess screen matterial.

# Finishing Your New Gazebo

Install Cupola.




Use (6) 2 1/2" White Head Scres (1) for every other section.

Go back over all painted section of the Gazebo and touch it up with the provided touch up paint.

Congratulations! You are Done.
Enjoy your new Gazebo for many Years!
Thank You
Country Lane Gazebos.

W

Country Lane
GAZEBOS