

9x12 Pioneer Garden Shed Assembly Manual

Outdoor Living Today



Important -
If you receive a broken or missing part. Please contact our Customer Service Center immediately @ 1-888-658-1658 for assistance.

Thank you for purchasing a 9x12 Pioneer Garden Shed from Outdoor Living Today. Please take the time to identify all the parts prior to assembly.

Safety Points and Other Considerations

Our products are built for use based on proper installation and normal residential use, on level ground. Please follow the instruction manual when building your playhouse and retain the manual for future maintenance purposes.

Some of the safety and usage measures you may wish to consider include:

- snow load ratings vary by geographical location. If heavy or wet snowfall occurs, it is advisable to sweep the snow off the roof(s).
- if the product is elevated, any structural and building code requirements are solely the customer's responsibility, and should be abided by.
- in high or gusty wind conditions it is advisable to keep the structure securely grounded.
- have a regular maintenance plan to ensure screws, doors, windows and parts are tight.

Customers agree to hold Outdoor Living Today and any Authorized Dealers free of any liability for improper installation, maintenance and repair of any Outdoor Living Today products.

**Thank you for purchasing our 9x12 Pioneer Garden Shed.
Please take the time to identify all the parts prior to assembly.**

A. Floor Section

Main Floor

- 3 - 45 1/2" x 89" Floor Joist Frames
- 3 - 45 1/2" x 21" Floor Joist Frame
- 6 - 2x4 x 86" long Interior Joists

- 3 - 45 1/2" x 89" Plywood Floor
- 3 - 45 1/2" x 21" Plywood Floor

- 6 - 2x4 x 68 1/4" Floor Runners

B. Wall Section

- 3 - 35"w x 75"h Solid Wall Panels
- 2 - 35"w x 75"h Window Wall Panels
- 45 1/2"w x 75" Solid Wall Panels

- 3 - 3/4" x 3 1/2 x 72" long Roof Gussets

Door, Door Jambs & Header

- 2 - 1 1/2" x 3" x 73" I Door Jambs
- 1 - 2" x 3" x 35" I Door Header
- 1 - 31 1/2"w Solid Door with window
- 2 - 2 1/2"w x 1/2"t x 72" I Interior Vertical Door Stops
- 1 - 2 1/2"w x 1/2"t x 35" I Interior Top Horizontal Door Stop

Gable Walls

- 2 - left & right (22 degree angle)
- 2 - left & right (33 degree angle)

Top Wall Plates

- 4- 3/4"t x 2 1/2"w x 55"l Front & Rear Top Plates (angled on one end)
(33 3/4 & 22 1/2 degrees)
- 2 - 3/4"t x 2 1/2"w x 65 3/4"l Side Top Plate - (22 degree angle cut on edge)
- 2 - 1 1/2"t x 2 1/2"w x 65 3/4"l Side Top Plate - (33 degree angle cut on edge)

C. Rafter Section

- 10 - 2x3 x 77 1/2" Long Rafters -angled both ends -marked on 1 end for Simpson Strong Ties (7 3/4")
- 10 - 2x3 x 54 1/2" Short Rafters - angled both ends - not marked
- 2 - 3/4" x 3" x 80" long Ridge Board (angled on edge at 22 & 33 degrees)
- 2 - 3/4" x 3" x 56 1/2" long Ridge Board (angled on edge at 22 & 33 degrees)
- 2 - 3/4 x 3" x 10" I Ridge Board Cleat

D. Roof Section

- 2 - Outside Short Roof Panels (Shingles overhanging roof rafters on 1 end)
- 2 - Outside Long Roof Panels (Shingles overhanging roof rafters on 1 end)
- 1 - Middle Short Roof Panel (Shingles flush with rafters)
- 1 - Middle Long Roof Panel (Shingles flush with rafters)

E. Miscellaneous Section

Bottom Skirting

- 6 - 1/2" x 4 1/2" x 45 1/2" I Side Bottom Skirting
- 6 - 1/2" x 4 1/2" x 35" I Front and Rear Bottom Skirting

Corner & Sidewall Trim

- 12 - 1/2"x 2 1/2"w x 79" I Narrow Trim
- 4 - 1/2" x 2 1/2"w x 75" I Filler Trim
- 4 - 1/2" x 4 1/2"w x 79" Wide Trim
- 1 - 1/2" x 1 3/4"w x 32" I Horizontal Door Trim

Facia Trim

- 2 - 1/2" x 3 1/2" x 72" Facia (with 4" spacer marked on left end)
- 2 - 1/2" x 3 1/2" x 72" Facia (with 4" spacer marked on right end)
- 2 - 1/2" x 3 1/2" x 55 3/4" (angle cut on end at 33 3/4 degree)
- 2 - 1/2" x 3 1/2" x 79 1/2" (angle cut on end at 22 1/2 degree)

Filler Shingles (6" wide)

- 16 pcs 24" long
- 2 pcs 11 3/4" long for Short Roof Panel
- 2 pcs 4 3/4" long for Long Roof Panel

Soffits

- 3 - 1/8"t x 5"w x 45 1/2" I for Long Side
- 3 - 1/8"t x 4"w x 45 1/2" I for Short Side

Ridge Caps

- 2 - 75 1/4" Roof Ridge Caps

2- Flower Boxes

2- Front and Rear Facia Peak Plate

2 -Facia / Trim Detail Plates

Hardware Package

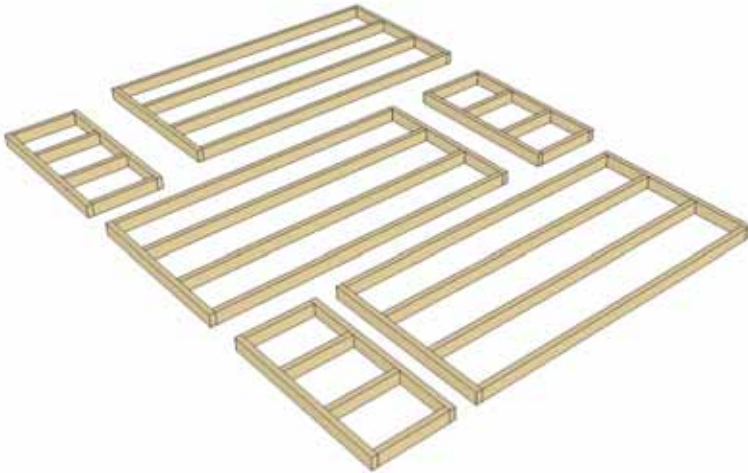
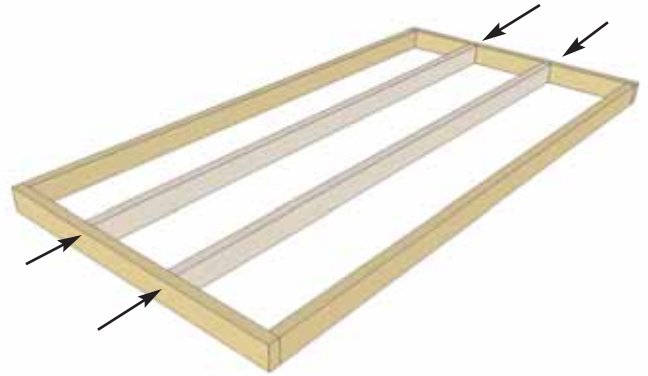
- 2.5" Screws -
- 2" Screws - for 3/4" thick into thicker stock attachments
- 1 1/4" Screws - for 3/4 to 3/4" attachments
- 1 1/4" Finishing Nails
- 1 1/2" Black Screws for Door Hinges to Door Trim Connection
- 16 - Simpson Strong Tie Roof Connectors
- 3 - Black Tee Hinges - 3/4" Black Screws for Door Hinges incl.
- 1 - Black Barrel Bolt
- 1 - Black Pull Handle

Tools Required:

- Work Gloves
- Screw Gun with square drive bit and drill bits
- Level
- 2 Large Ladders
- Hammer

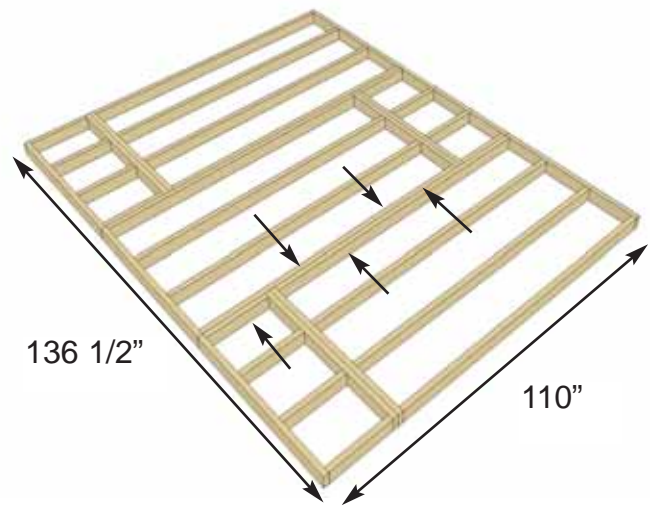
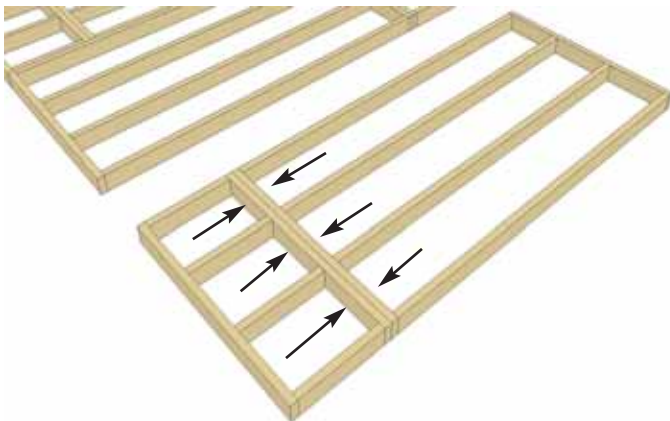
A. Floor Section

1. Identify all 45 1/2" wide x 89" long Floor Joist Frames. Locate 2 -86" long 2x4 Floor Joists and evenly space and attach with 2- 2.5" screws per end. Complete all 3 large Floor Joist Frames. Smaller floor Joist Frames have interior joists already attached.

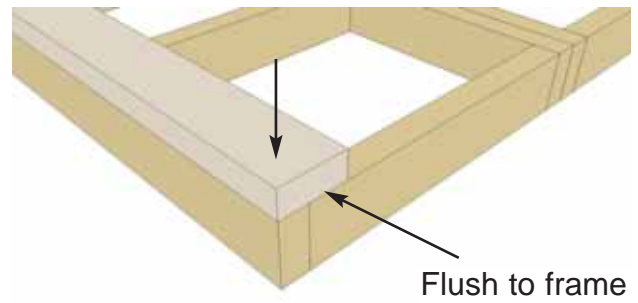
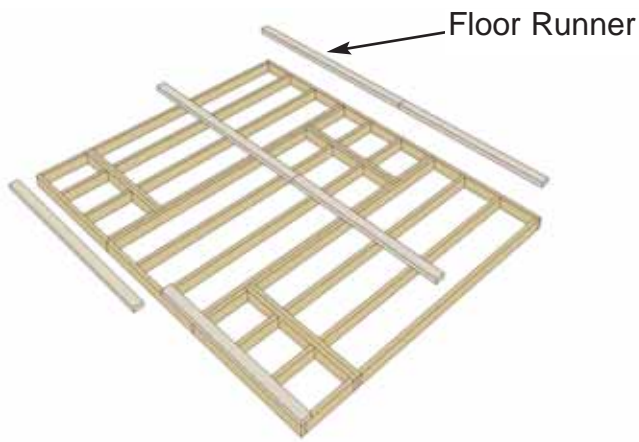


2. Position all Floor Frames together as illustrated on the left.

3. Attach each large and small floor joist frames together with 6 - 2.5" screws per section.



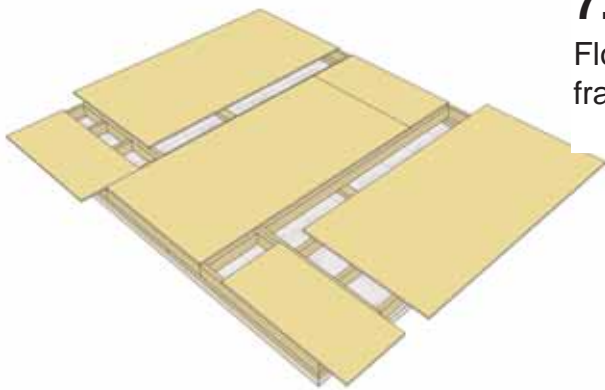
4. The final footprint after all frames are attached is 110" wide x 136 1/2" deep.



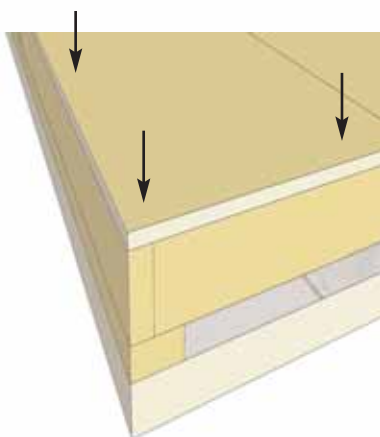
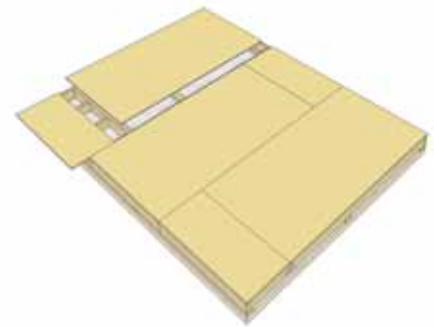
5. Attach Floor Runners to floor joist frames. There are 2 runners per 136 1/2" side. Attach Runners so they are flush but not overhanging the outside of the floor joists frames. Use 4 - 2.5" screws per runner.



6. With Floor Runners attached, carefully flip the floor over and place on your foundation. **Caution-** you will need 2 people to assist you. Be careful when laying floor down not to bend or twist floor. When in place, level floor completely.



7. Position Plywood Floor down on floor joist frames.

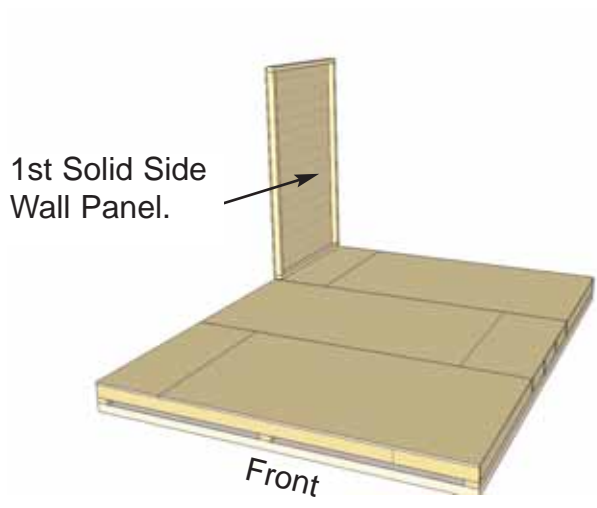


8. With Plywood sitting flush with outside of floor joist frame, attach with 1 1/4" screws. Use screws every 16".

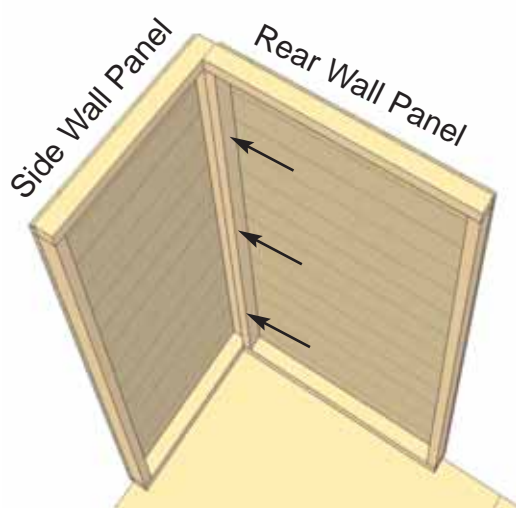
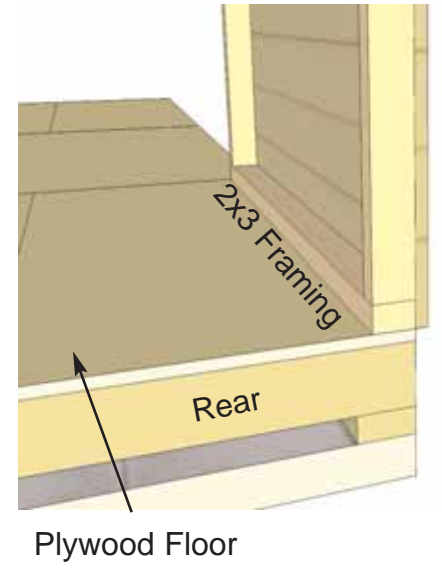
Important - Make sure floor is level before moving on to wall section. Use a level to confirm and shim floor joists as required.



B. Wall Section

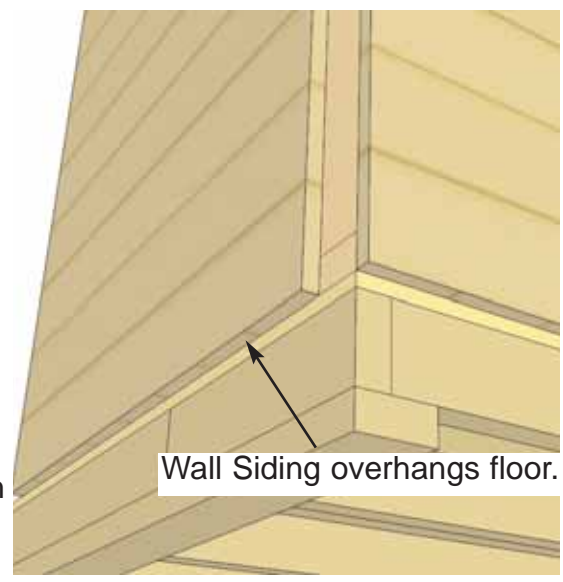


8. Place 1st Solid Wall Panel on floor in rear corner on side. The 2x3 bottom framing of panel will sit flush with the outside of floor joists and plywood.
Be sure to position wall panels right side up. See window panels to confirm correct direction.

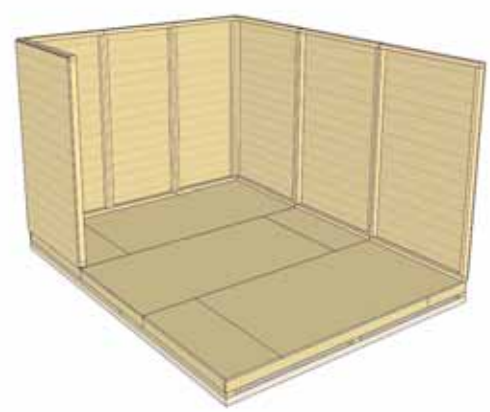


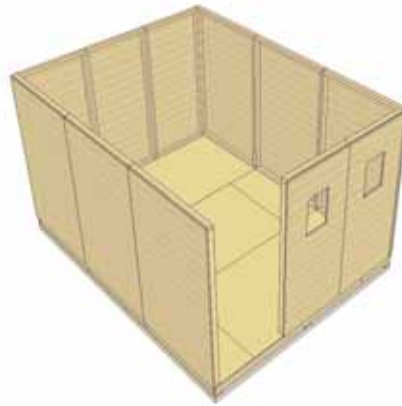
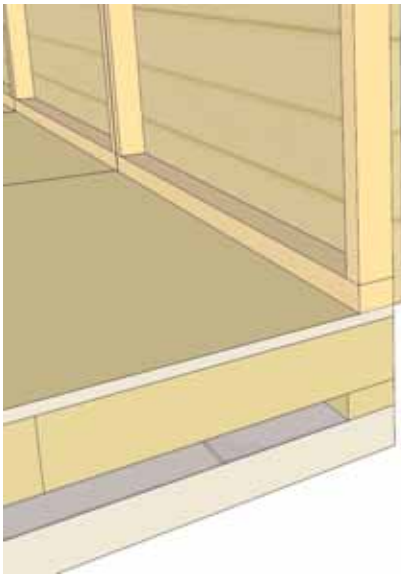
9. Place 2nd Solid Wall Panel on rear so 2x3 vertical wall studs are flush with each other. Screw walls studs together with 3 - 2.5" screws when wall studs are aligned with each other.
Important: Do not screw wall panels to floor until Step 13.

While panels should be positioned on floor so 2x3 bottom framing of wall is flush with floor while wall siding overhangs floor.



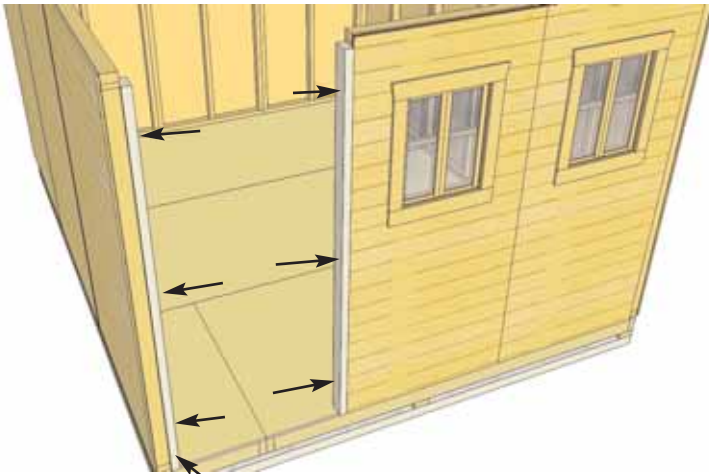
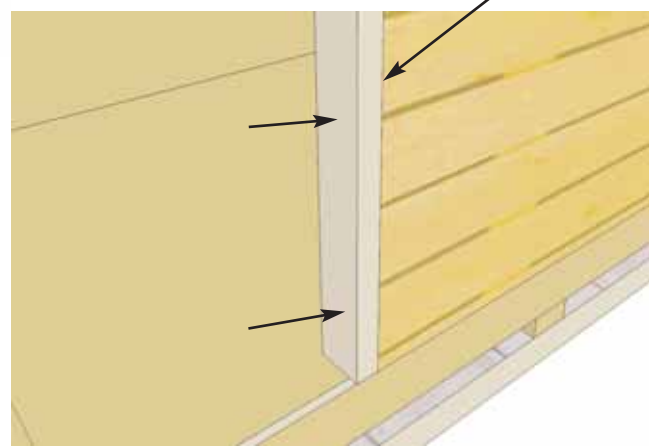
10. Complete all rear walls attaching walls together as per Step 9. Working around the shed, add more walls. In this configuration, Window Wall are configured in the middle of both side walls. Attach as per Step 9.





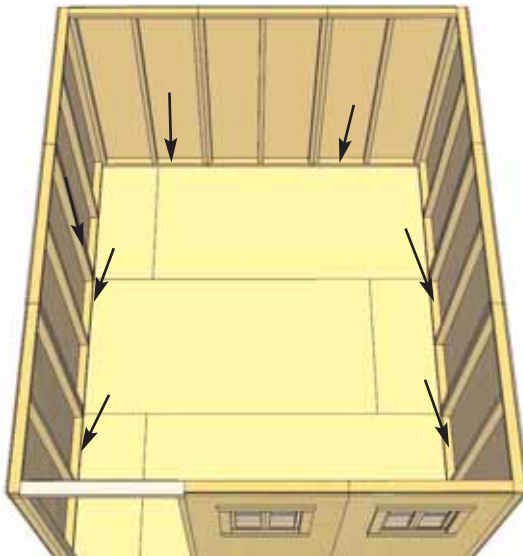
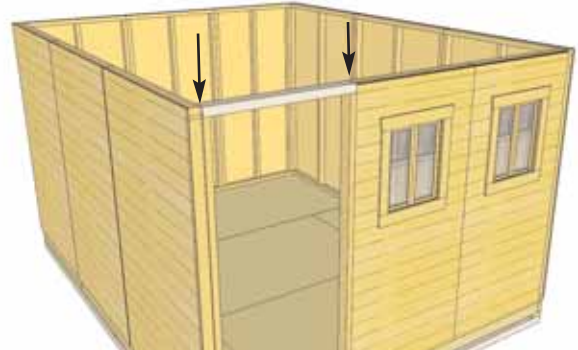
11. Continue adding wall panels around the shed. Use 3 - 2.5" screws to secure each panel together. **Important:** Do not secure walls to floor until Step 13 Use Window Wall Panels for both front walls.

Flush with Siding

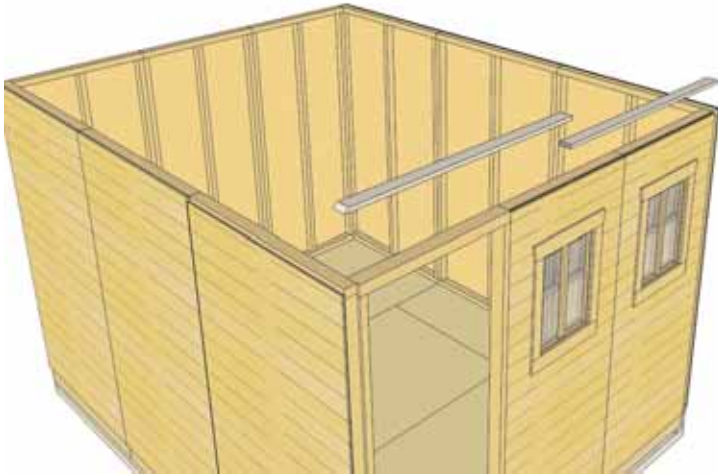


Door Jamb has 1/2" overlapping on left wall stud

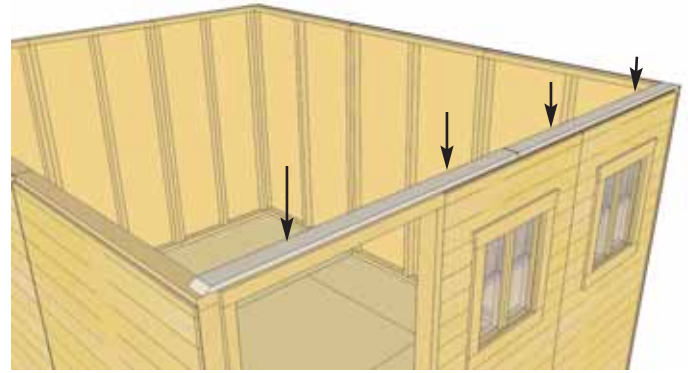
12. Attach Vertical Door Jambs (73" long) to wall studs. Jamb will sit flush with wall siding on right hand side and overlap 1/2" on left hand side. Attach Jambs with 3 - 2.5" screws per side. Attach Header to Top of Door Jambs with 4 - 2.5" screws per side. Header should be flush with Jambs.



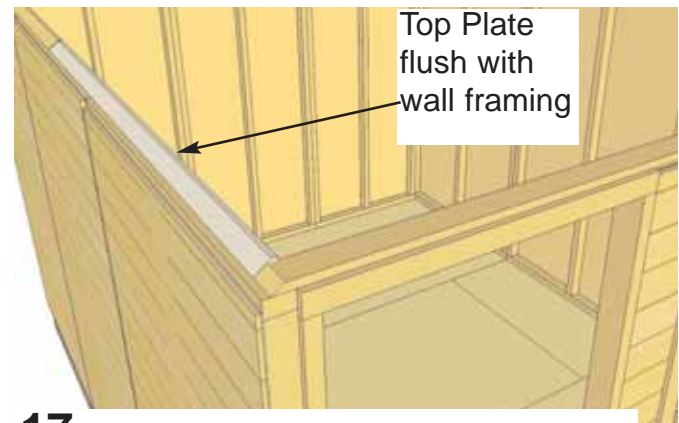
13. With all walls attached together, screw walls to floor with 2 - 2.5 screws per panel. Before securing, ensure wall panels are properly positioned on the floor. Refer to Step 10 & 11 for correct positioning of walls on floor.



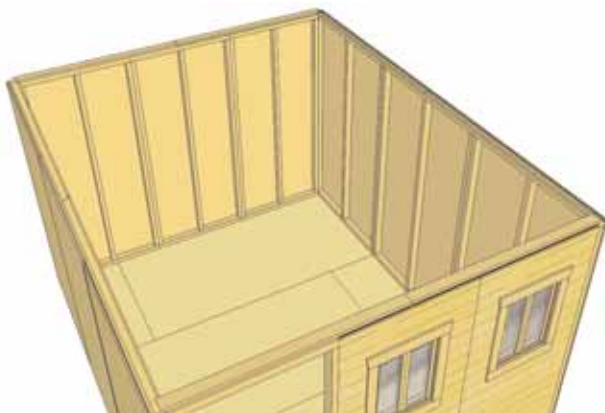
15. Position and attach 2 - 1x3 - 55" long Front and Rear Top Plates (angle cut on 1 end) Top to top wall framing. Attach with 4 - 1 1/4" screws per piece. The plate should be flush with inside of wall framing



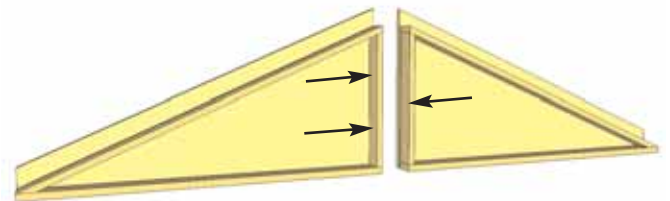
16. Position Side Top Plates 22.5 degree edge cut (65 3/4" long) on right side of the shed. Attach with 4 - 1 1/4" screws per piece.



17. Attach Side Top Plates 33.75 degrees edge cut (65 3/4") 2x3 to left side of shed. Attach with 4 - 2" Screws per piece.



18. Working around the Shed, complete all Top Plate attachments.

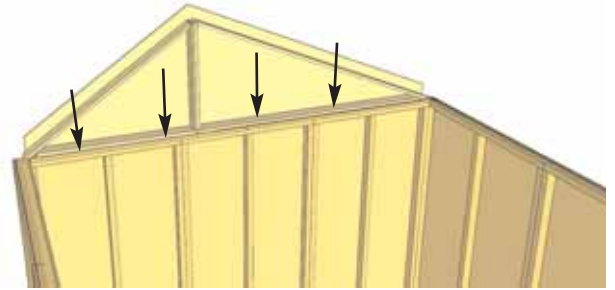


19. Locate Gable Walls for both ends of the shed. Screw center wall framing of each piece together with 3 - 1 1/4" screws.

Note, prior to attaching, check from front (siding side) to confirm siding lines up reasonably well. Try each combination prior to attaching together to get the best fit.

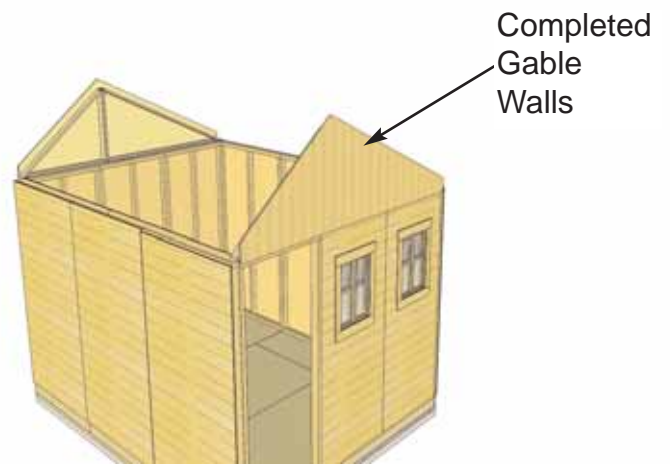


20. Lift and position a Long Triangular Gable Wall on to the rear wall top plates.



21. With both gable walls attached together and evenly position on wall plate, attach to wall with gable frame flush on inside. Use 6 - 2" screws to secure.

22. Complete front gable walls section.



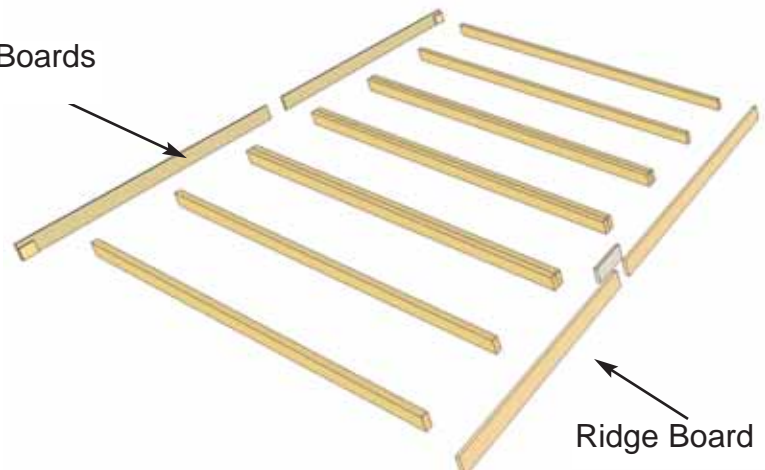
C. Rafter Section

Long Rafter Section



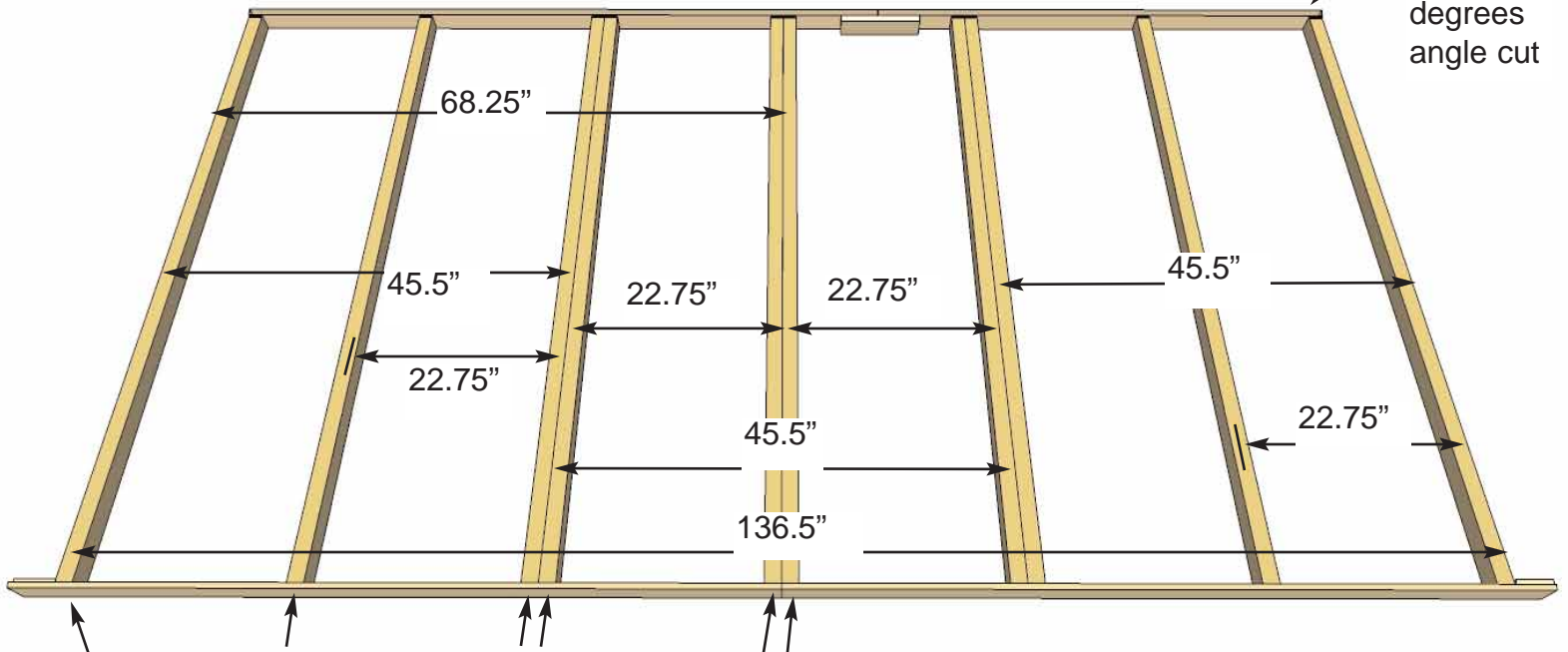
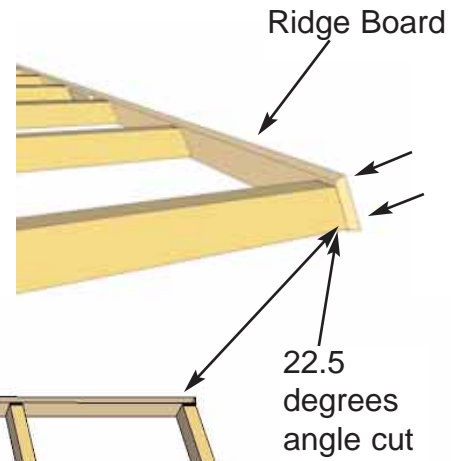
23. Locate both Ridge Boards (3/4" x 3" x 80"l and 3/4" x 3 x 56 1/2" long. Attach together with 1x3 x 10" long Cleat using 4- 1 1/4" screws.

Facia Boards

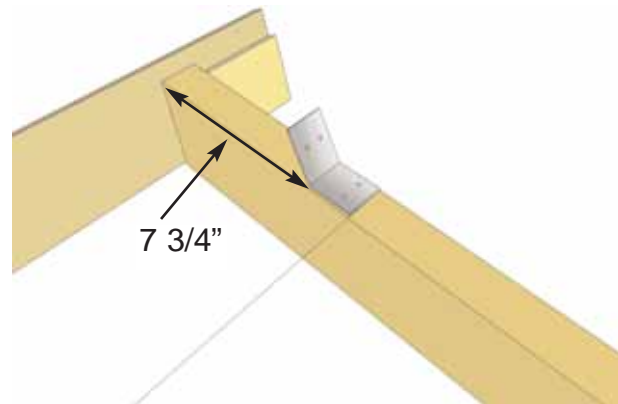
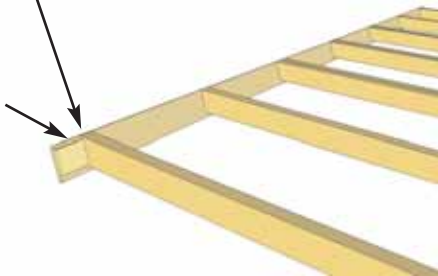


24. Locate and place 10 - 2x3 - 77 1/2" long Roof Rafters on the ground. Position 1x3 Ridge Board near the end of rafters. Also place 2 pieces of 1x4 x 72" long Facia Boards on the opposite end of rafters. Facia boards have a 4" cleat on on end. Note, after rafters are attached, flip section over 180 degrees to place on shed gables and walls.

25. Attach both outside Rafters to Ridge Board so rafters measure 136.5" outside to outside. Use 2 - 2" screws to secure. Complete all other rafter attachments to Ridge Board using measurements below. Use 2 - 2" screws for rafter/ridge attachments. Be sure to use the Ridge Board with 22.5 degree cut on it edge.



26. Attach 72" long Fascia to end of rafter ends. Position so Cleat is flush to outside of rafter and rafter is flush at top of Fascia. Secure with 2 finishing nails per rafter end. On the long roof, Simpson Strong Ties can be attached 7 3/4" from rafter end. Use 2 - 1 1/4" screws.



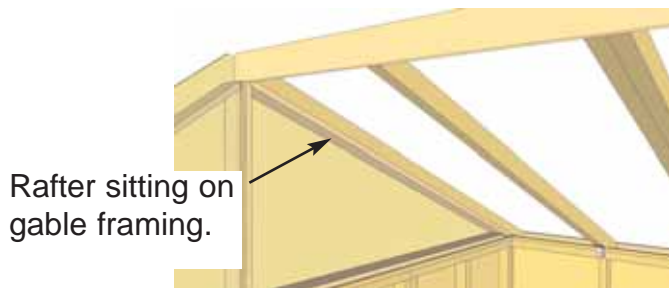
Short Rafter Section



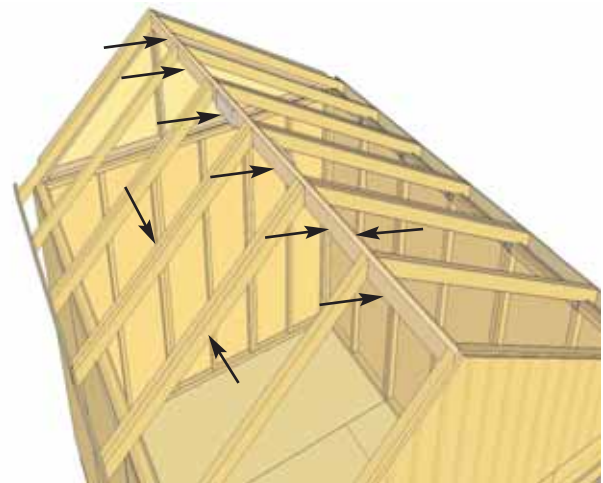
27. Complete the Short Rafter Section as per Steps 24-26. The differences are: Short rafters are 54 1/2", The Ridge Board angle is 33.75". Offset the Ridge Boards (long and short) with the long rafter section so seams don't line up. **Do not install Simpson Strong Ties until after the roof is up.**



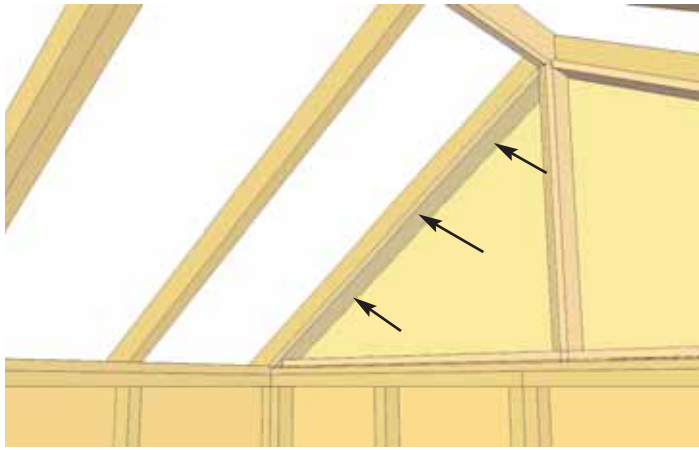
28. Starting with the long rafter section, place completed rafters section on gable framing so evenly spaces on both gables. Simpson Strong Ties should rest against the Wall Plate and framing. Do not attach rafters to Shed at this point.



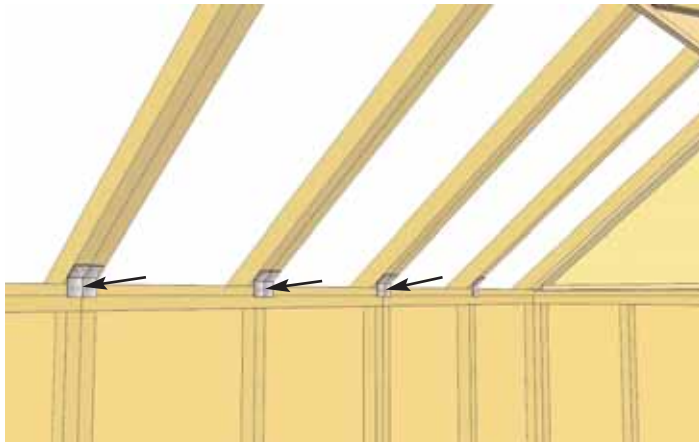
29. Place completed Short Rafter section on top of short roof side and position as per long side.



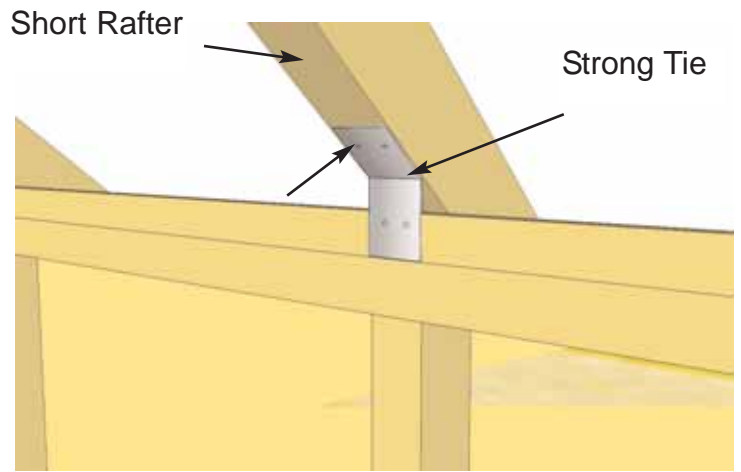
30. Line up both Ridge Boards of Rafter sections together and attach together with 12 - 1 1/4" screws. For added support, screw pairs of rafters together with 3 - 2.5" screws per rafter pair.



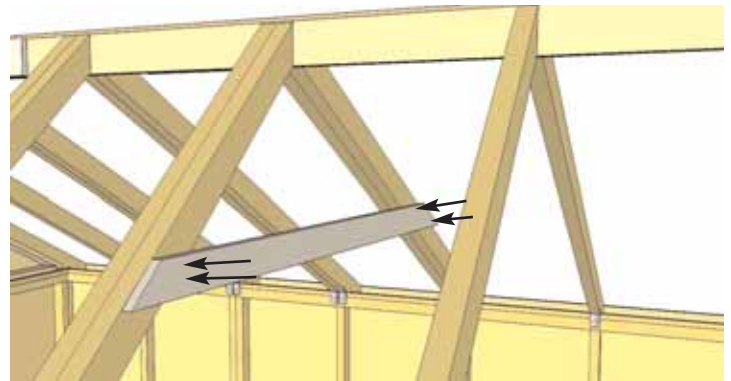
31. With rafter sections attached together, position rafters evenly on top wall plates front to back. Attach outside rafters to gable framing with 6 - 2" screws per side.



33. Secure Simpson Strong Ties to Top Plate / Wall Framing with 2 - 1 1/4" screws per connector.



32. Attach Simpson Strong to Short Rafters so they are sitting flush against top wall plate and wall framing. Use 2 - 1 1/4" screws to secure.

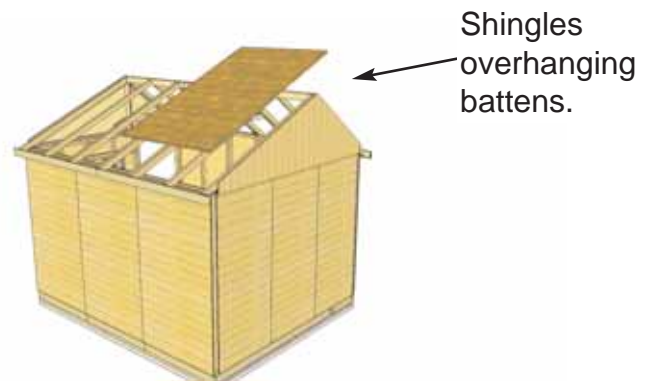


34. Position Gusset between rafters and attach on end so slightly recesses below rafter. Prior to securing both ends, make sure walls are aligned correctly. Have two helpers push the side walls from the outside of shed until inside to inside measurement between side plates is 105". Attach gussets with 4 - 1 1/2" screws.

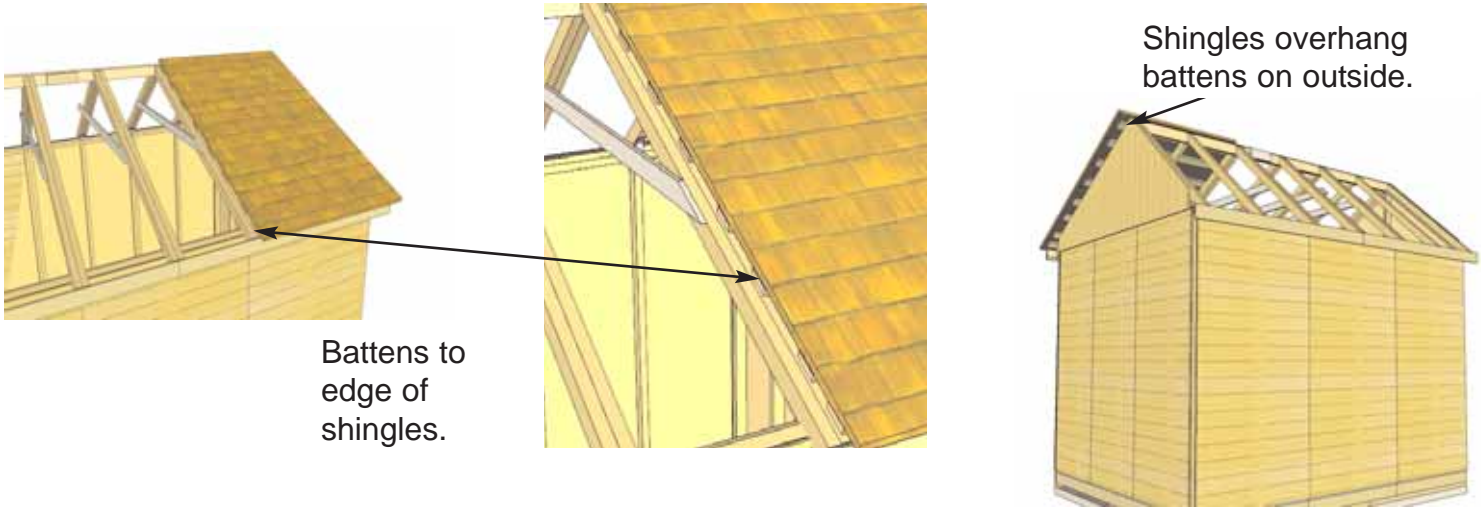
D. Roof Section



35. Complete all Gusset attachments.



36. Locate all Roof Panels. Outside panels will have battens flush on one side only while middle panels will have battens flush with shingles on both sides. Lift 1 long outside panel up on shed. Have helpers to assist you because they can be heavy.

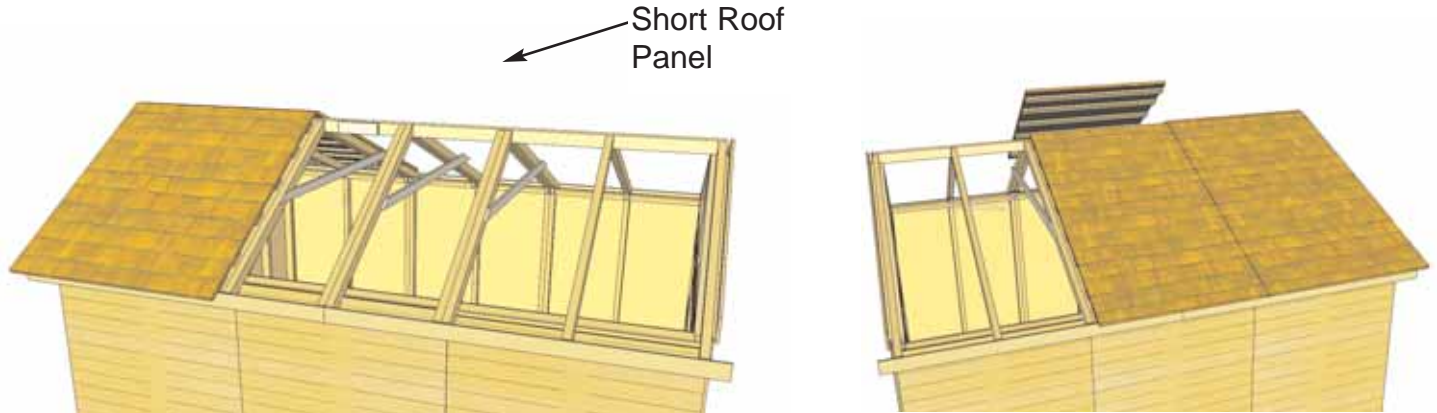


37. Place panel so roof battens sit flush on 1 rafter pair. Top of roof panel should be centered to the top of Ridge Board but not past center. When positioned correctly, tack panel down on the bottom row of shingles with a 2.5" screws into roof rafter. Use only one screws.



38. From inside the shed, using Right Angle Roof Clips to secure the roof to the rafters. Use 3/4" screws and attach at every 2nd Batten.

39. Locate a Short Outside Roof Panel and position on top of rafters. (shingles overhanging the battens to outside.)



40. Complete short side outside roof panel attachments as per Step 37 & 38. Locate and position both Middle Roof Panels as per Step 37 & 38. Middle Panels are 45.5" wide and the battens are flush with the roof shingles on both sides.



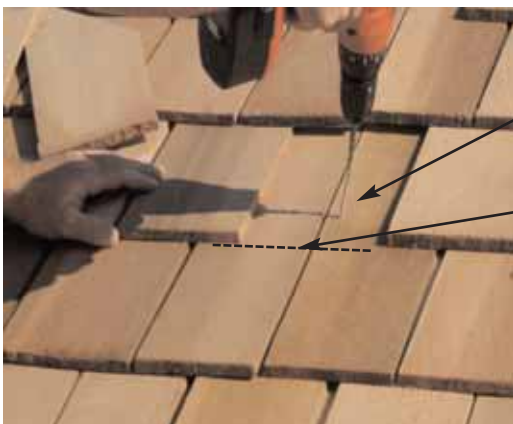
41. Complete your roof by positioning and attaching the final Outside Roof Panels. Once again, follow Steps 37 & 38 for correct positioning and attachment.



42. At this stage, you are ready to attach Filler Shingles where roof panels seams come together.



43. Roof **Filler Shingles** are included to cover roof seams. Starting at the bottom, slide the first 24" long shingle in until flush with other bottom shingles. **DO NOT ATTACH UNTIL STEP 44.**



Attach above the exposure line.

Exposure Line

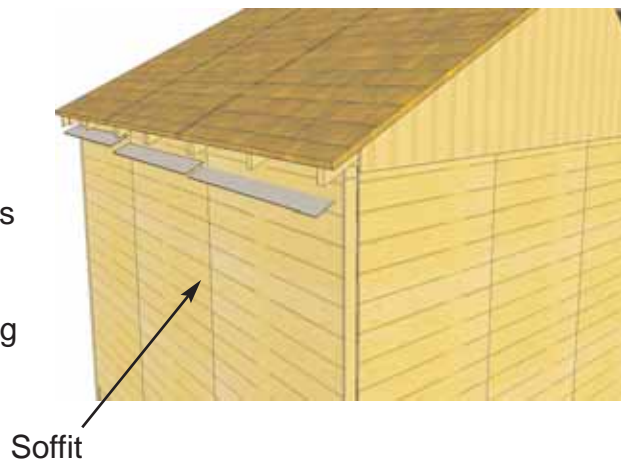
44. Screw first filler shingle down to rafters using 1 - 2.5" screw per panel. Make sure to screw into rafter.



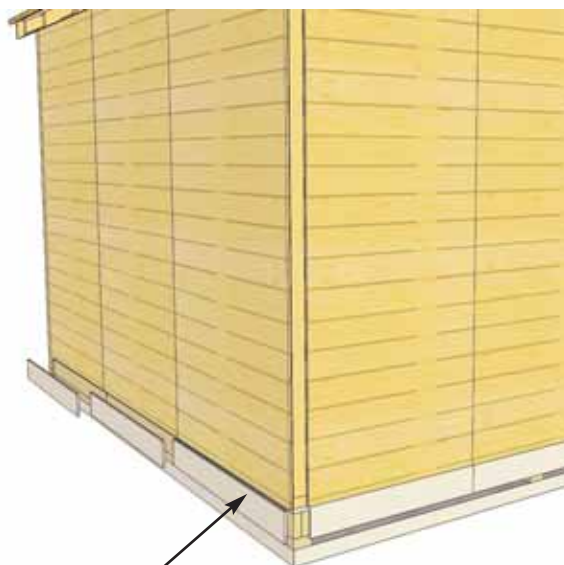
45. Slide in another filler shingle and attach as per **Step 44**. On your last row of shingles, the filler shingle is precut to fit properly. Attach to roof with 2 finishing nails per shingle.

E. Miscellaneous Section

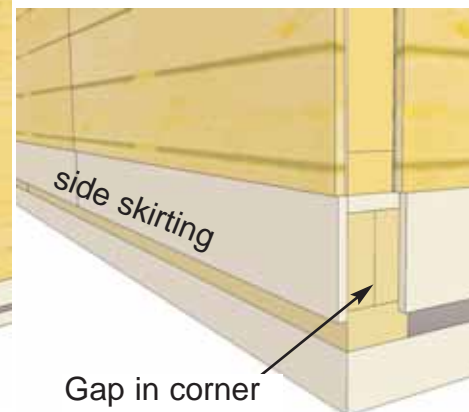
49. Locate 1/8" thick x 5" wide **Soffits** and place under the rafters of roof panels. There are 3 soffits per side. Attach to rafters from underneath with 2 - 1 1/2" finishing nail per rafter.



50. Attach **Bottom Skirting** around the base of the shed. Skirting will hide floor framing. Gaps on outside will be covered by Wide Trim pieces later. Start with side skirting and attach with 3 - 1 1/2" screws per piece. Use 4 screws on both front skirting pieces for extra support since it will be a high traffic area.



3 pieces of Bottom Skirting for sides /
3 pieces for front and rear.



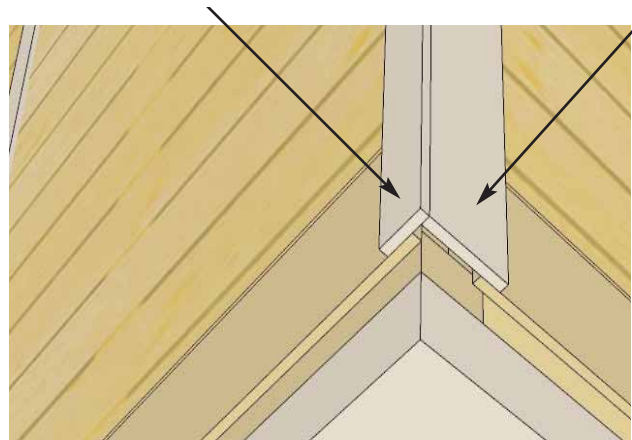
51. Attach **Corner Trim Filler Strips** (4 - 1/2" x 2 1/2" x 75") to front and rear walls in each corner. Hammer with 6 - 1 1/2" finishing nails. Strips are positioned flush with siding and bottom skirting.





Narrow Wall Trim

Wide Wall Trim



52. To attach trim in corners, use a **Narrow Wall Trim** on sides and **Wide Wall Trim** for front and rear. Narrow Wall Trims are 1/2" x 2 1/2" x 79" long while the Wide Wall Trims are 1/2" x 4 1/2" x 79". Do a dry run first and when positioned correctly use 6 - 1 1/2" finishing nails per piece. Align Trim so flush with bottom of bottom skirting.



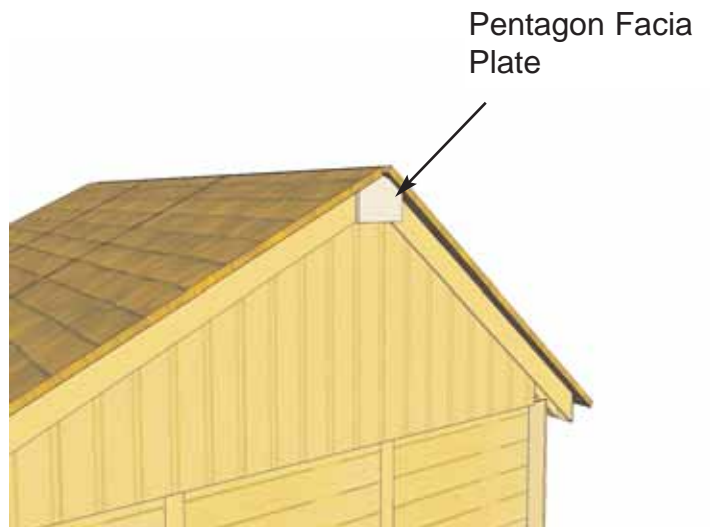
Narrow Wall Trim

Narrow Wall Trim

53. Attach remaining **Narrow Wall Trim** (8 - 1/2" x 2 1/2" x 79") where wall panels come together and leave a seam. Position trim equally on each wall and use 6 - 1 1/2" finishing nails per piece. Align Trim so flush at bottom of bottom skirting.



54. Attach **Front and Rear Facia** (angle cut on ends) to end roof panel battens. Line fascia up to form a peak and attach to battens with 3 - 1 1/2" screws per piece. End of facia should be aligned flush with end of rafter.

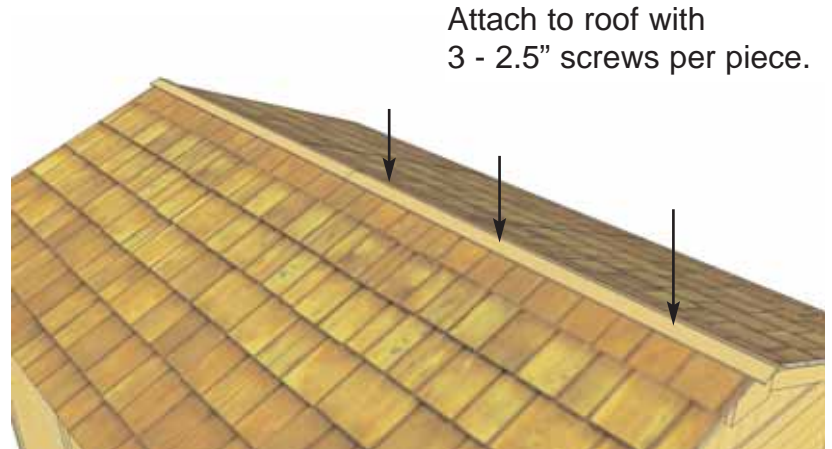


Pentagon Facia Plate

55. Attach **Pentagon Facia Plate** where End Facia meets at the peak. Use 4 - 1 1/2" finishing nails per piece to secure.

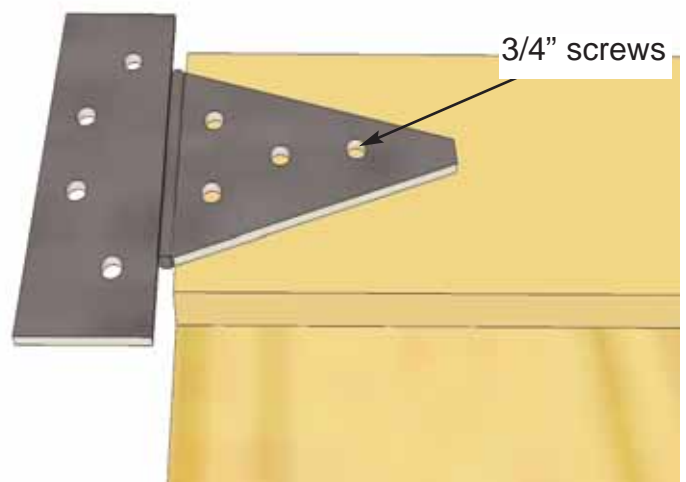
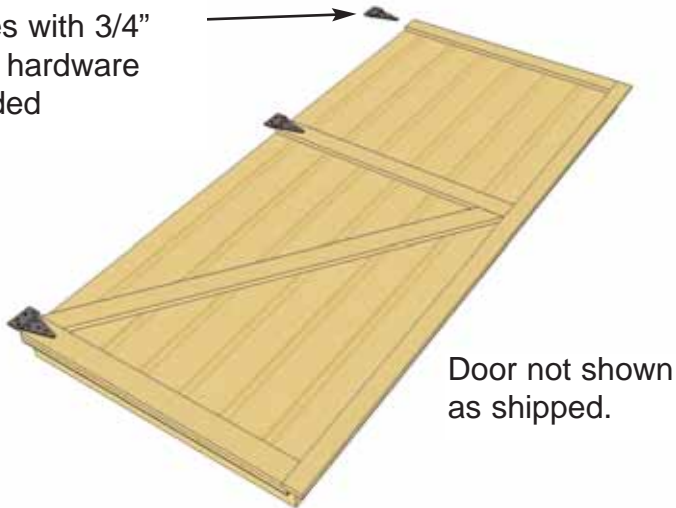


56. Attach **Facia/Trim Detail Plates** to cover seam where Facia pieces come together. Secure each with 4 - 1 1/2" finishing nails



57. On top of the roof, position the two **Roof Ridge Caps** on roof peak. Roofing felt on ridge cap overlaps at center. Attach to roof with 3 - 2.5" screws per ridge cap. **Note:** Ridge caps will overhang the roof shingles equally on both ends.

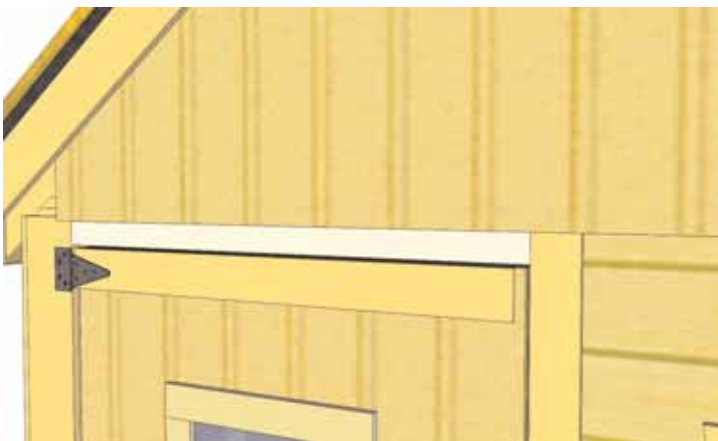
Attach Black Tee Hinges with 3/4" Black hardware provided



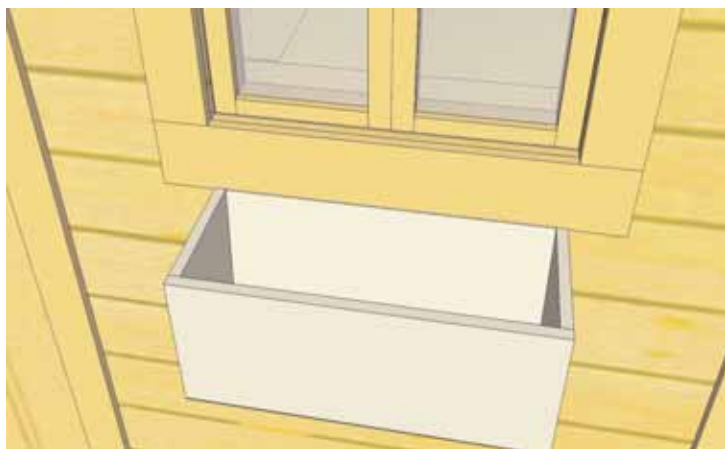
58. Attach Door Hinges to left side of door trim. Position Hinges equally on door trim as shown above and attach with Black 3/4" screws included in each hinge package.



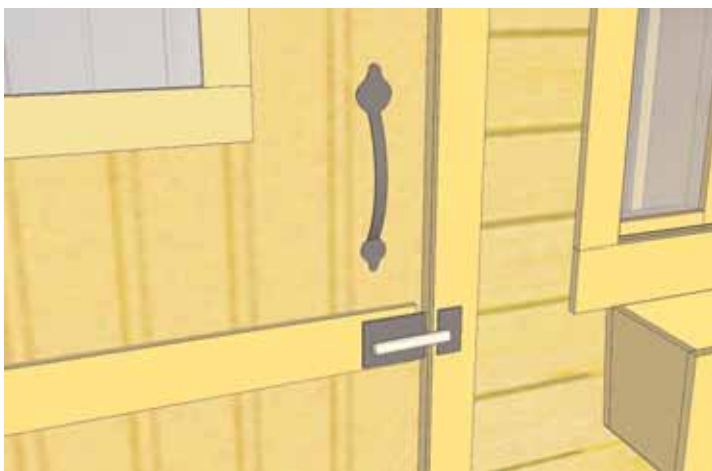
59. Place Door panel into position, gap 3/8" on bottom and evenly spaced on sides and attach hinge to Wide Wall Trim with 1 1/2" black screws. Use shim to help keep the door evenly spaced on bottom.



60. To complete the door, attach the Horizontal Door Trim (1/2" x 1 3/4"w x 32"l) above the door with 4 finishing nails.



61. Attach **Window Boxes** below bottom of window trim with 2 - 2.5" screws per box. Screw from inside of box into the center wall stud. Attach second screw 2" below top screw.



62. Attach **Door Pull Handle** and **Exterior Barrel Bolt** to door. Handle is positioned on top door, Barrel Bolt on bottom door. Use hardware provided in each kit.



74. Attach Horizontal and Vertical **Door Stops** to door jamb and wall framing. Use 4 - 2" screws to secure. Door Stop should overhang the door by approximately 1/2". Start with the Horizontal Stop first.



Congratulations and thanks for purchasing our 9x12 Pioneer Garden Shed

Note; The 9x12 Garden Shed is shipped as an unfinished product. If exposed to the elements, the western red cedar lumber will weather to a silvery-gray color. If you prefer to keep the cedar lumber looking closer to the original color, we suggest that you treat the wood with a good oil base wood stain. You may also wish to paint your new playhouse rather than stain it. In both cases we recommend that you consult with your local paint and stain dealer in your local area for their recommendations.

If you have any questions, comments or suggestions about the 9x12 Garden Shed, please contact our customer support line @ 1-888-658-1658 or email us at service@outdoorlivingtoday.com.

Thanks again!