8X4 SPACESAVER & 8X4 GARDENSAVER WITH DOUBLE DOORS ASSEMBLY MANUAL

Version #1.1
August 8, 2024

Stock Code:
84-D-BASE-BEV

Thank you for purchasing a 8x4 SpaceSaver / GardenSaver. Please take the time to identify all the parts prior to assembly.

Important Information:

- It is the sole responsibility of the customer to check with your local municipal or county by-laws before ordering this product to confirm it complies with building codes in your area.
- If the product is elevated, any structural and building code requirements are solely the customer's responsibility, and should be abided by.
- Snow load ratings vary by geographical location. If heavy or wet snowfall occurs, it is advisable to sweep snow off roof frequently.
- In areas with high or gusty wind conditions, it is advisable to install the structure securely to the ground.
- Have a regular maintenance plan to ensure screws, doors, windows and parts are tightly affixed.
- All structures purchased from Outdoor Living Today are covered for a period of one year for defects in manufacturing and workmanship. Costs incurred for customer installations are not included.
- Failure to use supplied parts included in this kit could result in poor product performance and may void your warranty. Please contact Outdoor Living Today's Customer Toll Free Line if you plan to deviate from our written instructions.

Customer agrees to hold Outdoor Living Today and any Authorized Dealers free of any liability for improper installation, maintenance and repair.

In the event of a missing or broken piece, simply call the Outdoor Living Today Customer Support Line @ 1-888-658-1658 within 30 days of the delivery of your purchase. It is our commitment to you to courier replacement parts, free of charge, within 10 business days of this notification. Replacement parts will not be provided free of charge after the 30 day grace period.

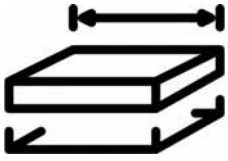
What to do before my Shed arrives?

- Become familiar with this assembly manual and determine if you can complete the project yourself or will require a professional contractor.

- One helper is recommended to assist in constructing your shed.
  It generally takes two people two days to assemble a shed. If you're hiring a contractor, their rate should be in line with that duration of work.

- Clear the construction area and ensure a clear pathway for delivery when the freight company arrives. Remove all debris: roots, grass, rocks, etc.

- Excavate the site. Contact your local utilities company to ensure there are no gas or electric lines buried in the area before digging.

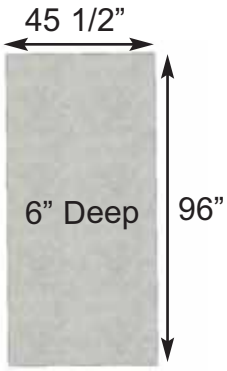


- Decide on the type of foundation you will be using:
  - Concrete slab, or
  - 4-6 inches of crushed gravel with paver stones or 4x4 stringers.

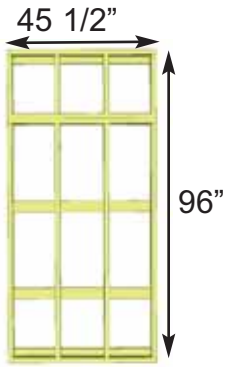
  You can find the footprint for your shed on Page 3 of your Assembly Manual.

- If doing the assembly yourself, have all the necessary tools ready to go and in working condition. A list of required tools can be found after the parts list.

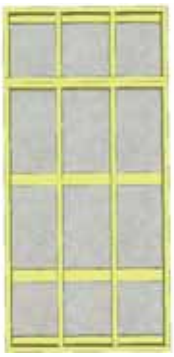
Foundation Types for 8x4 Garden Shed



Concrete Foundation



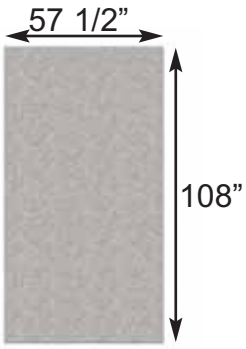
Floor Frame



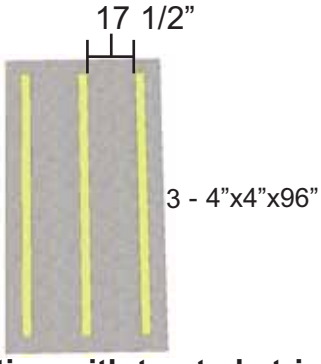
Completed Foundation

Concrete Slab Foundation:
- Slab must be at least the same size as assembled floor frame (45 1/2” x 96”) or larger.
- 6” Deep foundation.
- 0.6 Cubic Yards of concrete required.
- A concrete slab will have the longest durability out of your foundation options.

Once level, a concrete slab is the easiest surface to build on.



Gravel Foundation

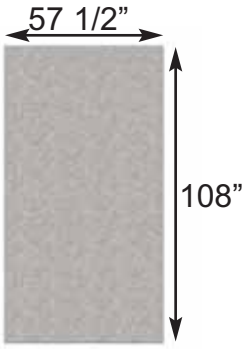


Gravel Foundation with treated stringers

Completed Foundation

Gravel with 4x4 Pressure Treated Stringers:
- Excavate at least 6” deep, and 6” wider than floor frame on each side.
- 1.0 Cubic Yards of gravel required, approximately 9 wheelbarrows.
- 3 - 4x4 Pressure Treated Stringers 8’ long required.
- Evenly spaced, with one at each end of floor frame.

Saves money on materials, easy to level and work with.



Gravel Foundation

Gravel Foundation with Patio Pavers

Completed Foundation

Gravel with Patio Paver Stones:
- Excavate at least 6” deep, and 6” wider than floor frame on each side.
- 1.0 Cubic Yards of gravel required, approximately 9 wheelbarrows.
- 15 patio pavers (8” x 8” or larger).
- Center patio paver stones underneath floor runners and underneath seams in floor joists.

Patio paver stones are widely available from most landscape stores.

Thank you for purchasing our 8x4 SpaceSaver with Double Door. Please take the time to identify all the parts prior to assembly.

Parts List

	Steps
A. Floor Section	
Floors	
1 - 45 ½" x 75" - **Large Floor Frame** (2 Joists unattached)	A1 - A8
1 - 45 ½" x 21" - **Small Floor Frame** (2 Joists ATTACHED)	
2 - 1 ½" x 3 ½" x 72" - **Floor Joists**	
5 - 1 ½" x 3 ½" x 45 ½" - **Floor Runners**	
1 - 5/8" x 45 ½" x 75" - **Plywood Flooring**	
1 - 5/8" x 45 ½" x 21" - **Plywood Flooring**	
B. Wall Section	
Main Wall Panels	B1 - B10
4 - 1 ½" x 2 ½" x 45 ½" - **Wall Plates**	
4 - 45 ½" x 75" - **Solid Wall Panels**	
2 - 12" x 73" - **Narrow Wall Panels**	
Header/Wall Extenders	B11 - B22
2 - 2" x 3 ½" x 6 ½" - **Door Header - (Dado top edge)**	
1 - 2" x 3 ½" x 78" - **Door Header - Long** Dado cut on edge- Aluminum Support Strip Attached	
2 - 1½ " x 3 ½" x 73" - **Door Jambs - Vertical**	
2 - **Top Triangular Siding Pc for Angle Wall Extenders (L/R)**	
2 - 45 ¼" - **Angle Wall Extenders (L/R)**	
2 - 9" x 45 ½" - **Wall Extenders**	
1 - ¾" x 3 ½" x 70" - **Horizontal Wall Cleat**	
1 - ¾" x 3 ½" x 21" - **Horizontal Wall Cleat**	
C. Rafters	
6 - 1 ½" x 2 ½" x 54" - **Rafters**	C1 - C6
2 - ½" x 3 ½" x 48" - **Front Soffits**	
2 - ½" x 3 ½" x 48" - **Rear Soffits**	
2 - ¾" x ¾" x 51" - **Rafter/Facia Nailing Strips** -	
D. Roof Section - CEDAR	
2 - **Roof Panels** - 51" w x 56" d (1 - Left 1- Right)	D1 - D11
4 - 5 ½" Wide x 16" to 18" long - **Filler Shingles**	
2 - ½" x 4 ½" x 51 5/8" - **Roof Ridge Boards**	

	Steps
D. Roof Section - METAL	
6 - ¾" x 3 ½" x 50" - **Roof Battens**	D1 - D13
4 - ¾" x 1 ½" x 21 1/2" - **Batten Spacers**	
2 - ¾" x ¾" x 51" - **Rafter/Facia Nailing Cleats**	
3 - 39" wide x 58 ½" long - **Metal Roof Panels**	
Several Pcs - **Foam Enclosures for Metal Roof**	
D. Roof Section - PLYWOOD	
1 - ⅝" x 4" x 53 ¾" - **Center Plywood for Roof**	D1 - D7
2 - ⅝" x 48" x 21 ¾" - **Small Plywood for Roof**	
2 - ⅝" x 48" x 32" - **Large Plywood for Roof**	
E. Misc. Section	
Skirting, Trim, Door, Facia & Misc. Parts	E1 - E41
6 - ½" x 4 ½" x 45 ¼" - **Bottom Skirting**	
8 - 7/8" x 2 ½" x 36" - **Corner Filler Trims**	
2 - 7/8" x 2 ½" x 10" - **Rear Center Corner Filler Trims**	
2 - ½" x 5 ½" x 79" - **Front Corner Trims**	
2 - ½" x 5 ½" x 88 ¾" - **Rear Corner Trims**	
2 - ½" x 2 ½" x 80" - **Side Front Corner Trims**	
2 - ½" x 2 ½" x 88 ¾" - **Side Rear Corner Trims**	
1 - ½" x 2 ½" x 88 ¾" - **Rear Middle Trim**	
2 - ½" x 3 ½" x 79" - **Vertical Door Trims**	
1 - ½" x 1 ¼" x 64" - **Horizontal Door Trim**	
2 - ½" x 2 ½" x 8 ½" - **Horizontal Narrow Wall Trims**	
1 - 31 ½" x 72" - **Full Door**	
2 - ½" x 4" x 54 1/8" - **Side Facia** (Angle Cut Ends) - reverse	
4 - ½" x 4" x 50 ½" - **Front and Rear Facia**	
2 - **Detail Facia Plates** (4" high)	
1 - ½" x ½" x 32" - **Upper Horizontal Door Stop**	
4 - ½" x ½" x 36 ¼" - **Vertical Door Stops**	
2 - ½" x ½" x 28 7/8" - **Upper Interior Door Trims**	
4 - ½" x ½" x 35 7/8" - **Side Interior Door Trims**	
1 - 1 ½" x 2 ½" x 6" - **Upper Door Stop**	
1 - ¾" x 2 ½" x 64" - **Lower Door Stop /Floor Threshold**	
1 - x 2 ½" x 70" - **Interior Vertical Door Flange**	
1 - 45 ¼" - Extra Piece of Bevel Wall Siding - Use if wall panel siding is damaged or to shim floor or door.	
For GardenSaver	
1 - ½" x 2 ½" x 88 ¼" - **Horizontal Door Trim**	
1 - ½" x 2 ½" x 8 ⅝" - **Front Middle Trim**	

Note: Trim and Skirting pieces are graded with the best face being rough sawn. Rough sawn cedar is much easier to paint and stain.

8x4 SPACESAVER - DOUBLE DOOR

Hardware Kit - BASE KIT (Provided)

3”  x 10

2 1/2”  x 140

1 1/4”  x 90

3/4”  x 4

2”  x 32

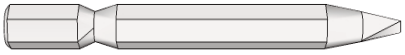
Black Headed

1 1/2”  x 250

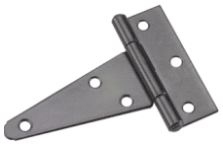
Finishing Nail

3/4”  x 30

Black Headed

 x 1

Square Drive Bit



T Hinge
x 6 pcs

Door
Handle

Drop Latch

90° Metal
Brackets
x 4 pcs

Cane Bolt

Hardware Kit - CEDAR ROOF (Provided)

2 1/2”  x 18

1 1/4”  x 26

1 1/2”  x 16

90° Metal
Brackets
x 4 pcs

Hardware Kit - METAL ROOF (Provided)

1 1/4”  x 34

1 1/2”  x 8

1/4” x 1 1/2”  x 14

Metal Roof Screw

 x 1

1/4” Nut Driver

Metal Roof Hanger x 3

Hardware Kit - PLYWOOD ROOF (Provided)

1 1/4”  x 60

1 1/2”  x 8

Tools Required (Not Provided)


Hammer


Screw Gun/Drill

Tape Measure


Wood Clamp


3/8” Wrench


Level


Pliers


Ladder


1/8” & 3/8” Drill Bits


Utility Knife

Safety Equipment Required (Not Provided)


Safety Glasses


Work Gloves

Assembly Manual shows instructions for the SpaceSaver (Low Front). Assembly instructions will diverge to note important differences between sheds. When following assembly steps keep your desired roof slope in mind relative to the doors.

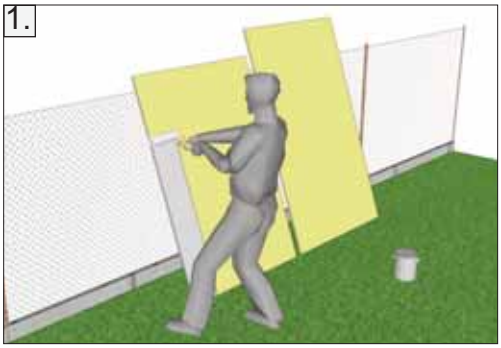
SpaceSaver

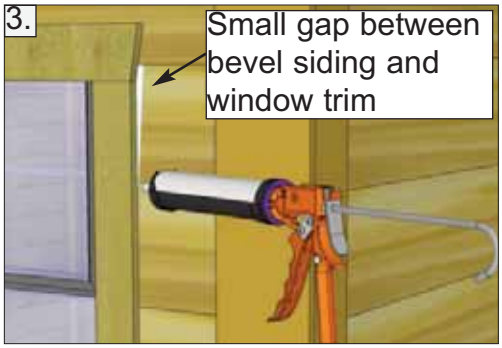
GardenSaver

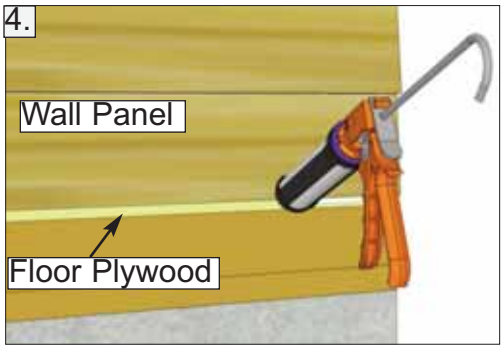
Regular Maintenance & Tips to prolong the life of your shed.

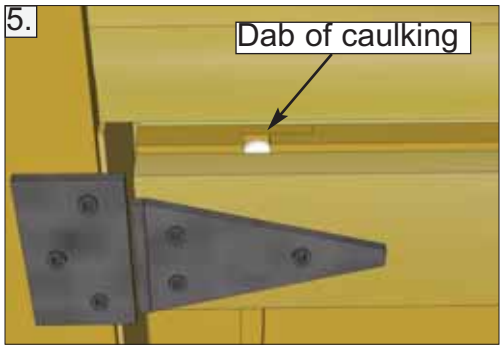
Before/During Assembly:

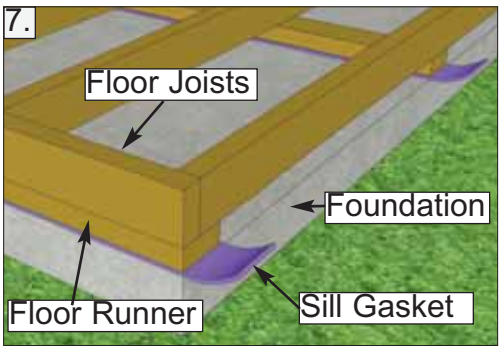
1.) Paint each face and edge of your plywood floor with a latex exterior paint.
2.) Caulk wall seams if gaps appear.
3.) Caulk around window framing (if applicable).
4.) Caulk perimeter between floor plywood and bottom wall plate.
5.) Caulk channels in lap siding at the top of your door above the trim, just a drop in each channel.
6.) Caulk edge of door threshold (if applicable).
7.) Optional: Install a Sill Gasket between floor runners and foundation.
8.) Optional: Install an 8” strip of roofing paper below Cedar Ridge Caps for Cedar Roof Sheds.

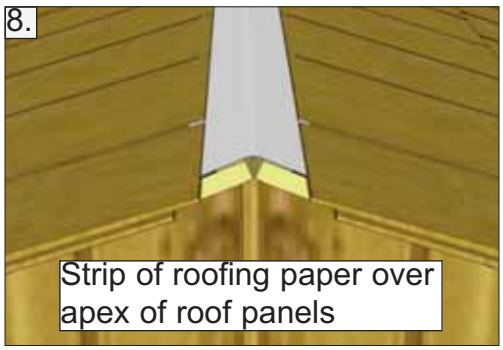












Routine Maintenance:

- Routinely check all fasteners are tight (ex. Door Hinges, Nails)
- Brush off dirt from walls.
- Brush off snow from roof regularly.
- Routinely remove needles and leaves from roof.

Painting/Staining

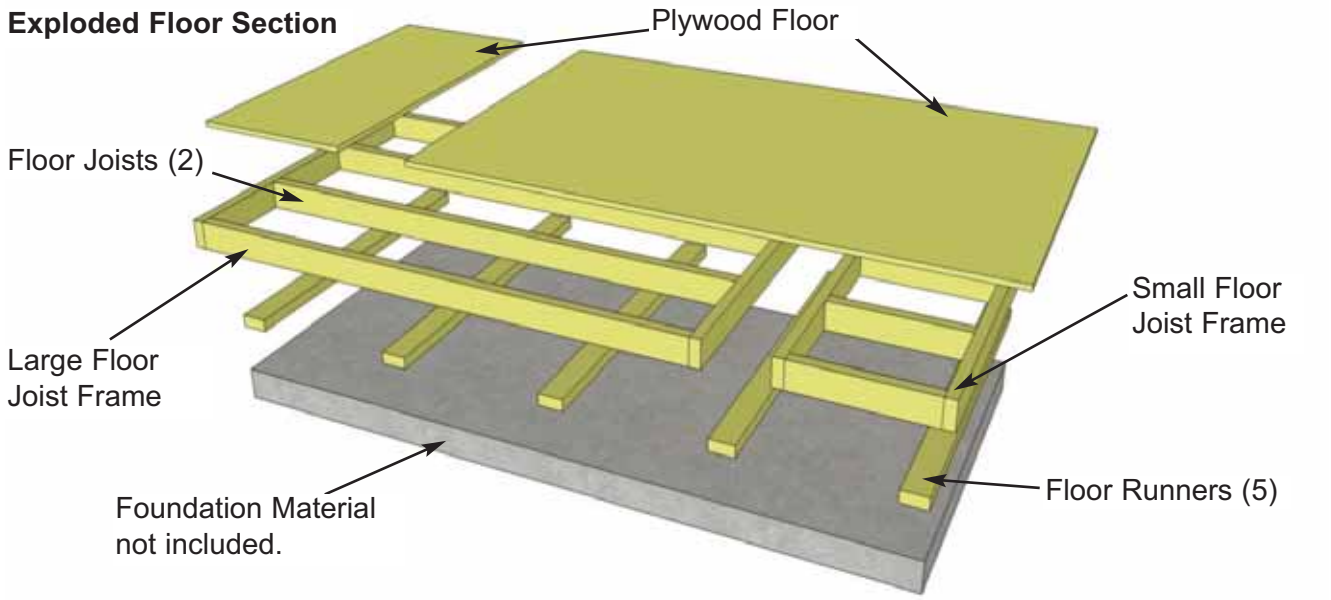
- Your cedar shed, if left untreated, will weather to a silvery grey colour.
- Painting or staining your structure is highly recommended and will prolong the life of your shed.
- You do not need to wait to paint or stain your shed, the wood in your kit has been dried and can be stained or painted immediately.
- Consult your local paint store for the best paint or stain for cedar.
- Optional: stain the inside of your shed. (Note: this will remove the fresh cedar smell.)

A. Floor Section

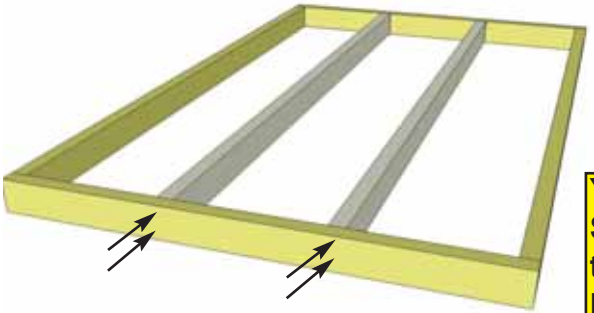
Exploded view of all parts necessary to complete Floor Section. Identify all parts prior to starting. Note: Floor Footprint is 96" wide x 45 1/2" deep.

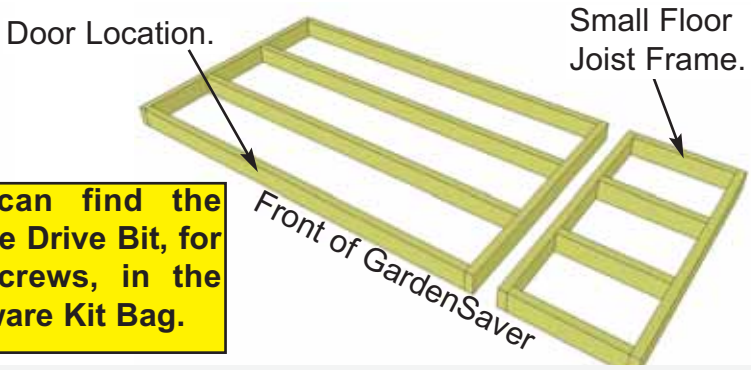
Floor Section will be installed the same way for both SpaceSaver and GardenSaver.

Exploded Floor Section



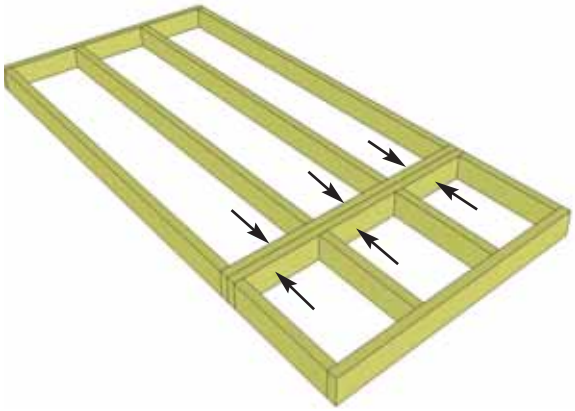
A1. Lay out **Large Floor Joist Frame** and **2 Floor Joists** (1 1/2" x 3 1/2" x 71 7/8") as illustrated above. Position Joists equally in Floor Joist Frame. Use **Small Floor Joist Frame** as a template to determine joist position. Position Joist so flush with framing.



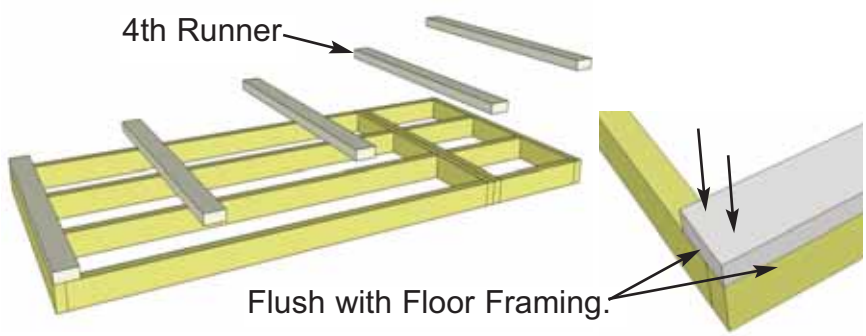


You can find the Square Drive Bit, for the screws, in the Hardware Kit Bag.

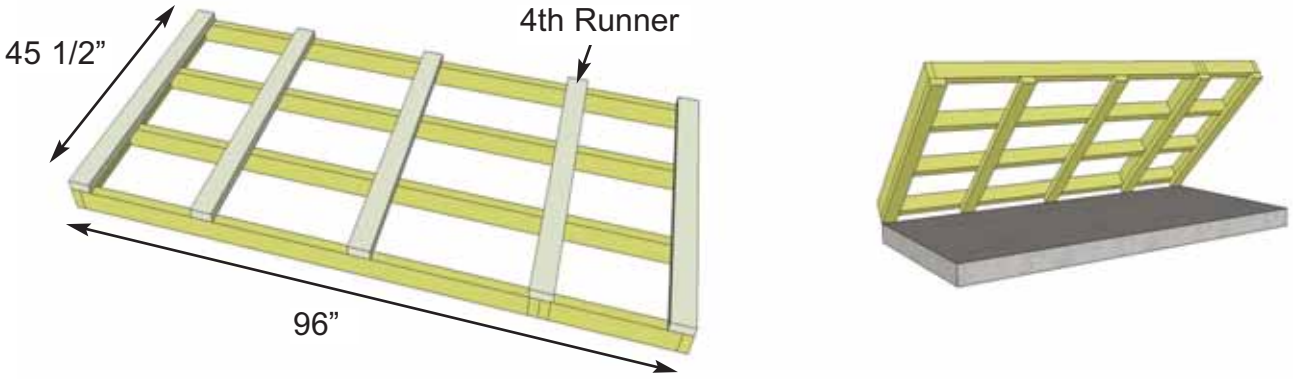
A2. When correctly positioned, attach each Joist with **4 - 2 1/2" Screws** (2 per end). **You can find the Square Drive Bit for the screws in with the Hardware Kit Bag.**



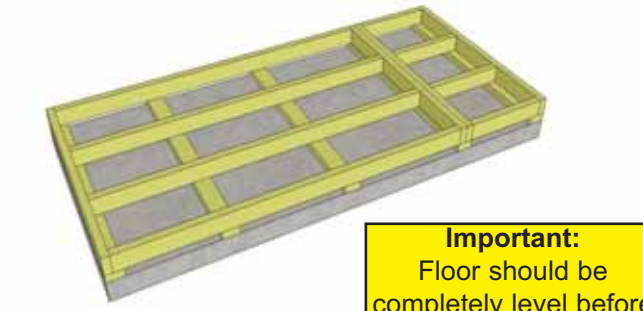
A3. With Floor Joist Frames positioned together flush, attach with **6 - 2 1/2" Screws**.



A4. Position and attach **Floor Runners** (1 1/2" x 3 1/2" x 45 1/2") to completed floor frames with **6 - 2 1/2" Screws** per Runner. Make sure Runners are flush with outside of floor framing but not overhanging. Make sure 4th Runner is placed equally over seam where floor frames meet.

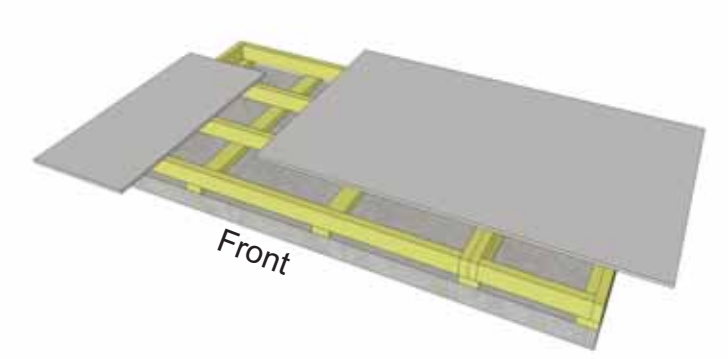


A5. With Floor Runners attached, carefully flip the floor over and place on your foundation. **Caution -** you may need 2 people to assist you. Be careful when laying floor down not to bend or twist floor. **Note:** The floor will be flipped over and floor runners will sit on your foundation. It is important to note that having a level foundation is critical. Choosing a foundation will vary between regions. Typical foundations can be concrete pads or patio stones positioned underneath the floor runners.

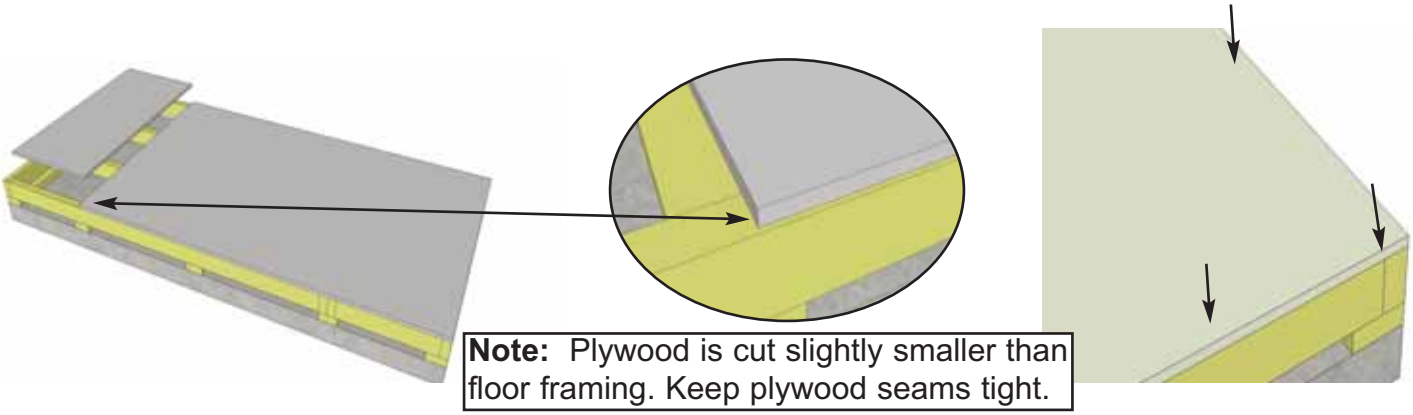


Important:
Floor should be completely level before moving to next step.

A6. When in place, level floor completely before proceeding.



A7. Position **Plywood Floor** pieces (2) on top of completed floor joists.



Note: Plywood is cut slightly smaller than floor framing. Keep plywood seams tight.

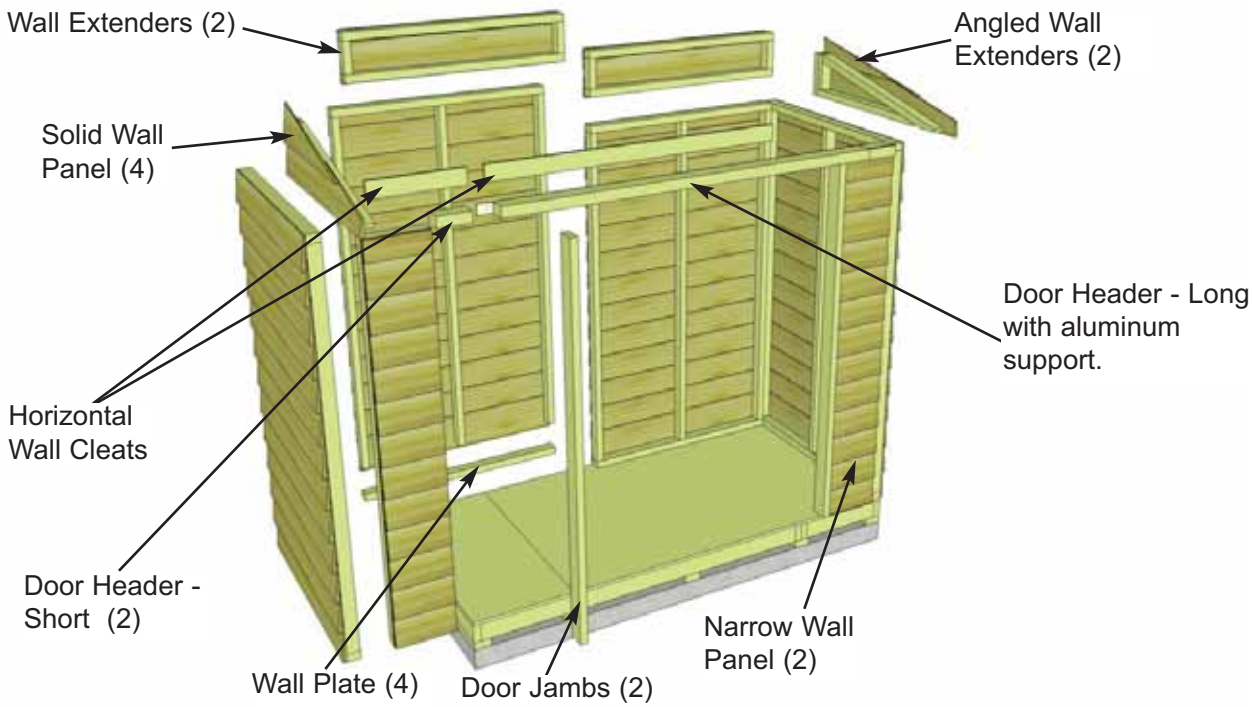
A8. Position Plywood so it sits almost flush with outside of floor joist framing (see **Note**). When correctly positioned, attach to all floor joists with approximately **24 - 1 1/4" Screws**. Use screws every 16".

B. Wall Section

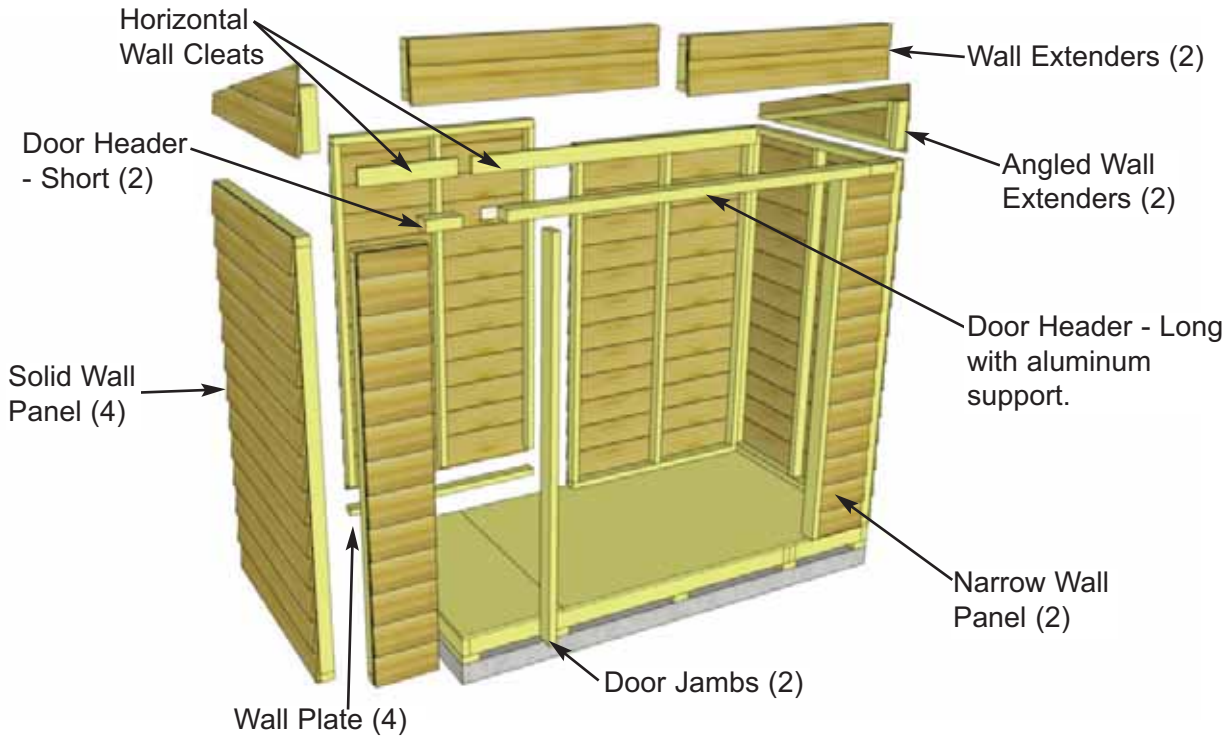
Exploded view of all parts necessary to complete the Wall Section. Identify all parts prior to starting.

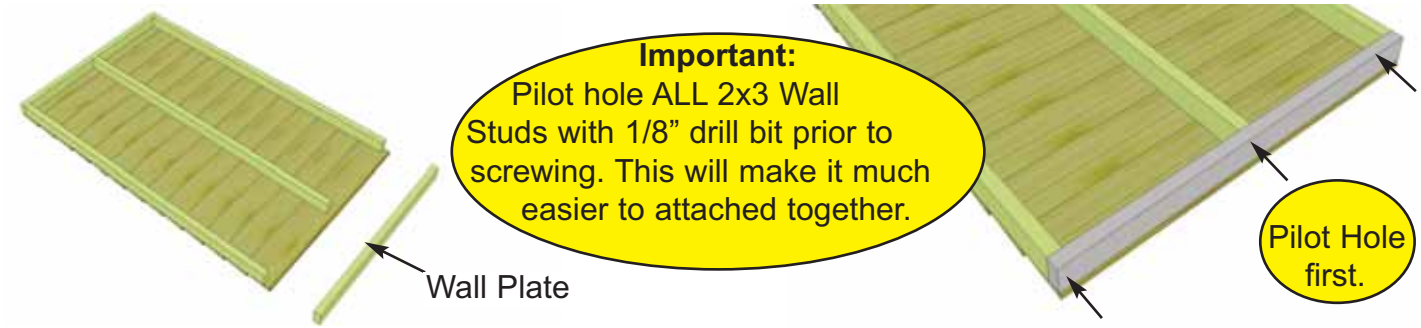
Wall Section will be installed the same way for both SpaceSaver and GardenSaver. When following assembly steps keep your desired roof slope in mind relative to the door.

SpaceSaver



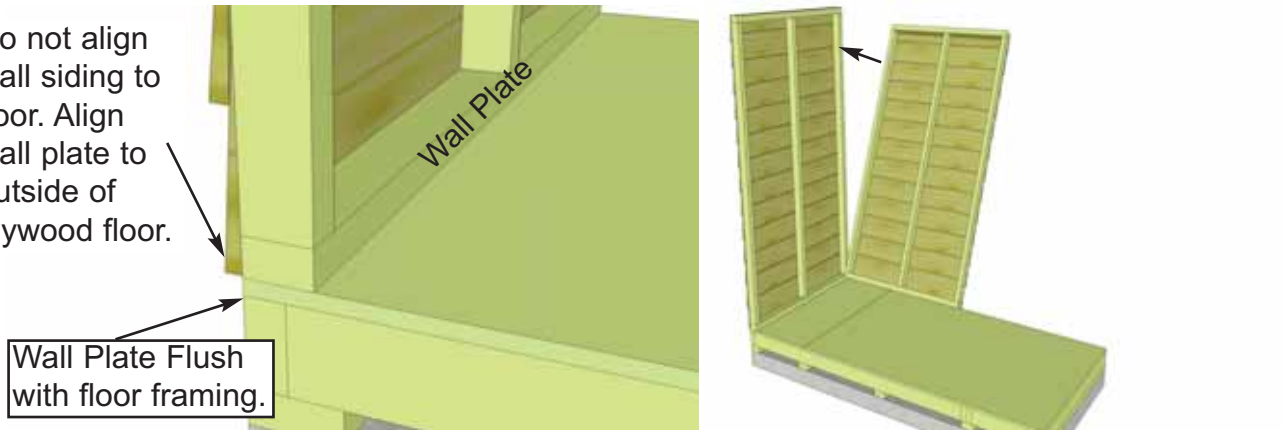
GardenSaver





B1. Locate 4 **Solid Wall Panels** and 4 **Wall Plates** (1 1/2” x 2 1/2” x 45 1/2”)**.** Attach Plates to bottom of studs of each wall panel with **3 - 2 1/2” Screws**. Position so plates are flush with framing.

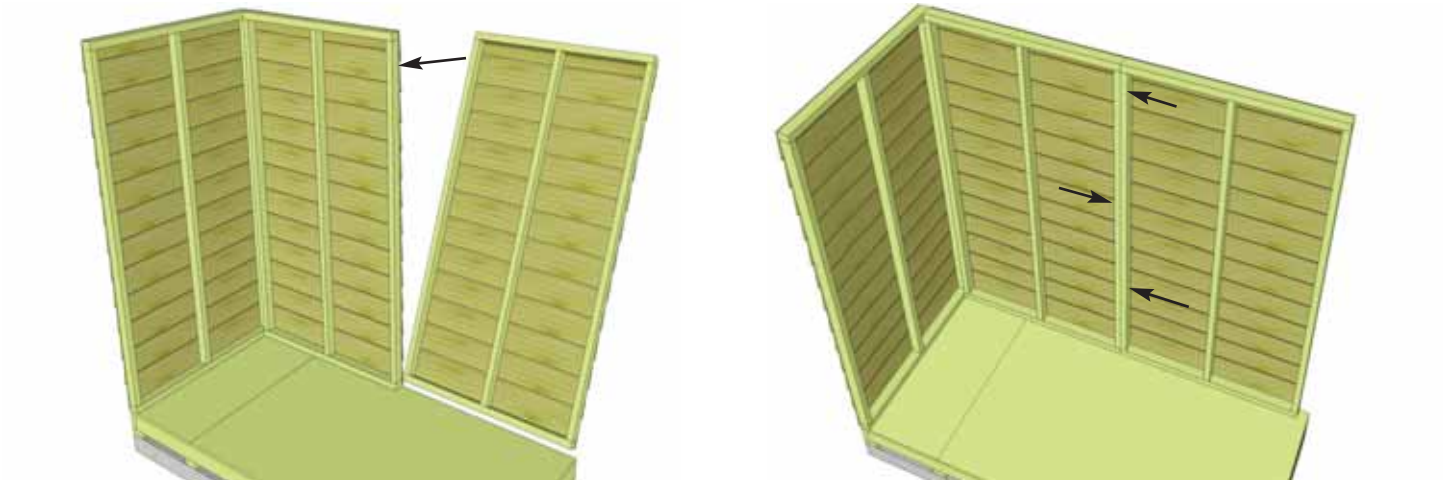
B2. Starting on side, position a **Solid Wall Panel** on top of plywood floor. The Wall Panel bottom framing will sit flush with floor framing. Wall siding will overhang the floor. **Important:** Make sure all walls are aligned in their upright position. If not, water may leak into your shed. Unsure if panel is facing up or down? Recently attached Bottom Plate is on bottom of panel.



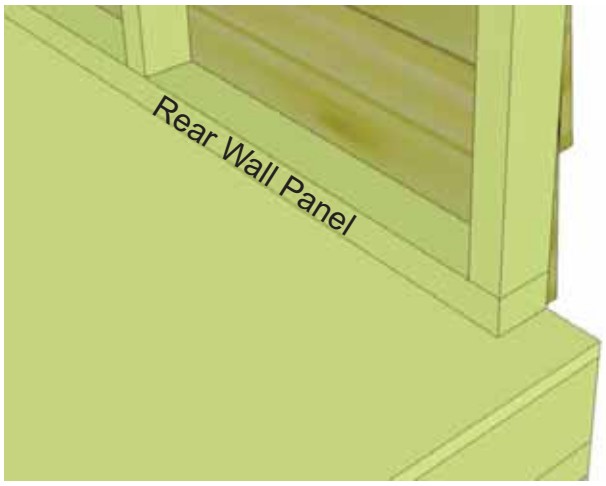
B3. Outside 2x3 framing of wall panel should be flush with outside of floor framing when properly aligned. **Note:** Do not align wall siding to floor. Align wall plate to outside of plywood floor. When positioned correctly, locate 2nd Solid Wall Panel and place in corner.

Do Not Attach Walls To Floor until B22.

B4. Butt both vertical wall studs of side and rear walls together and attach with **3 - 2 1/2" Screws**. Screw at the bottom, middle and top of stud to secure properly. Have helper push wall framing together while securing to ensure tight fit.



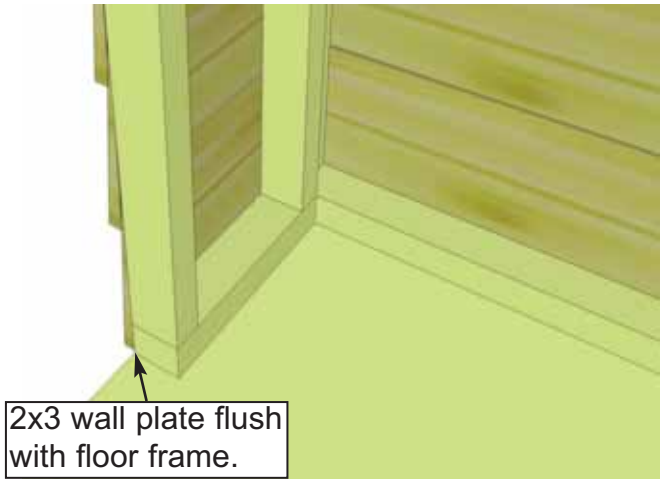
B5. With the corner wall attachment complete, position the second rear wall panel in place so bottom 2x3 wall framing is sitting flush with outside floor framing. Wall siding should overhang floor by approximately 3/4". When positioned correctly, attach both wall panel studs together as per **Step B4** with **3 - 2 1/2" Screws**.



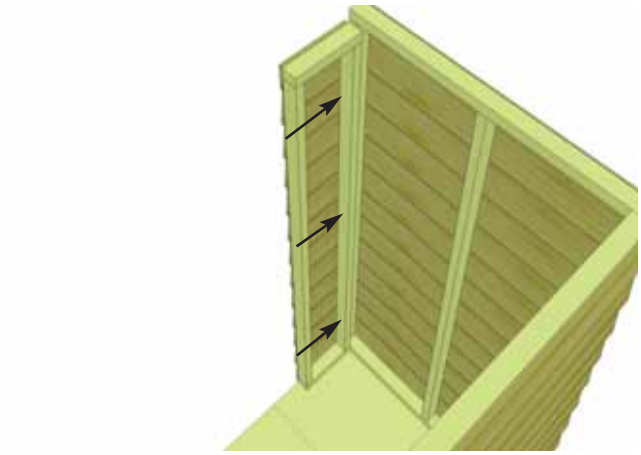
Do Not Attach Walls To Floor until Step B22.

B6. With Rear Wall Panel in place, position other side wall panel on floor as per **Step B4 & B5**.

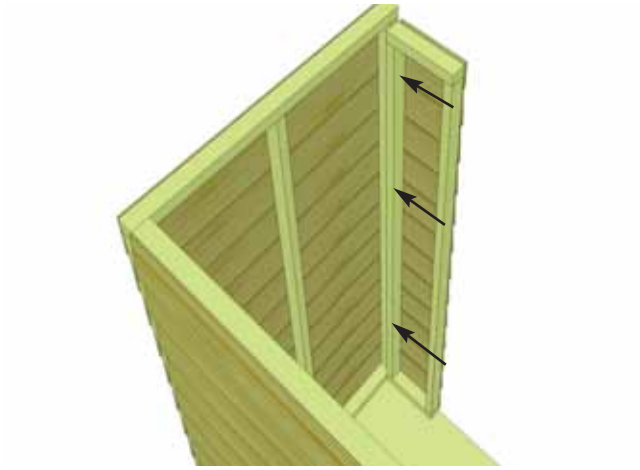
B7. Secure side wall panel to rear wall panel as per **Step B4**. Next, locate the **Narrow Wall Panel** and position in front.



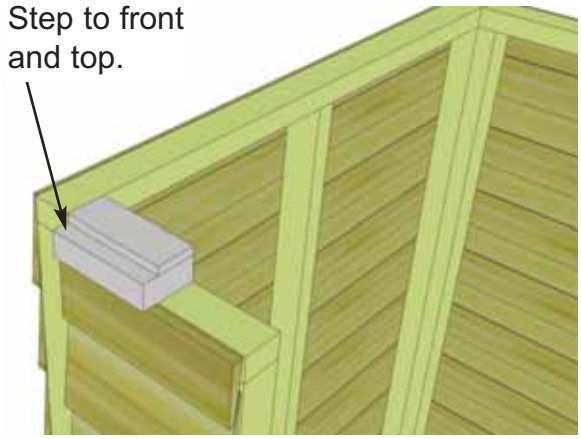
B8. Once again position the 2x3 wall plate so it sits flush with floor framing and siding overhangs. **Note:** Narrow Wall Panel is only 73" high.

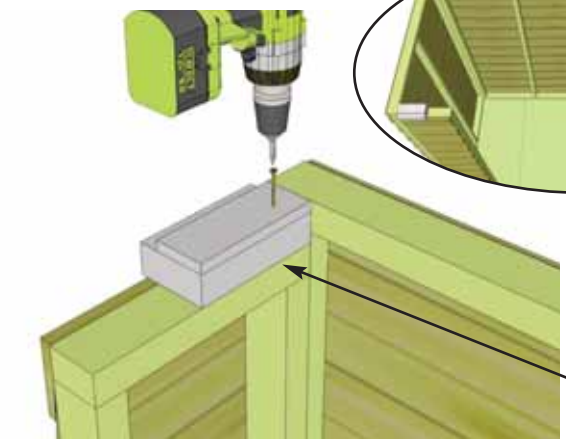


B9. When correctly positioned, secure Narrow Wall Stud to Side Wall Stud with **3 - 2 1/2" Screws**.

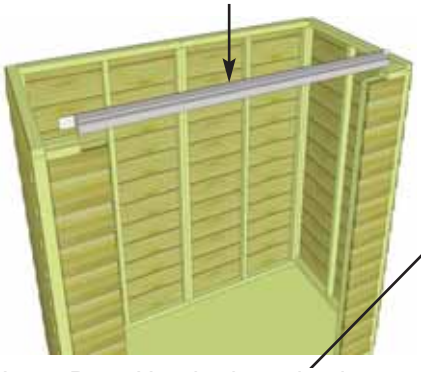


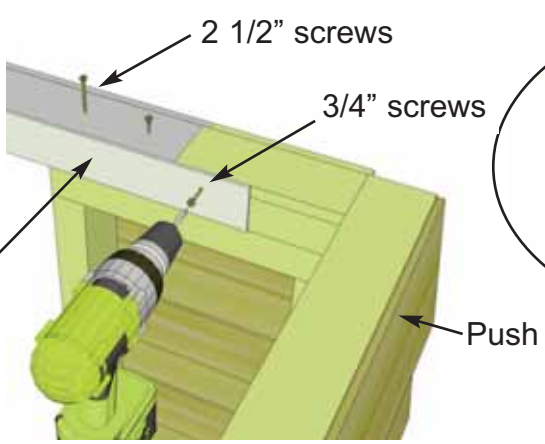
B10. Complete opposite Narrow Wall as per **Steps B8 & B9.**

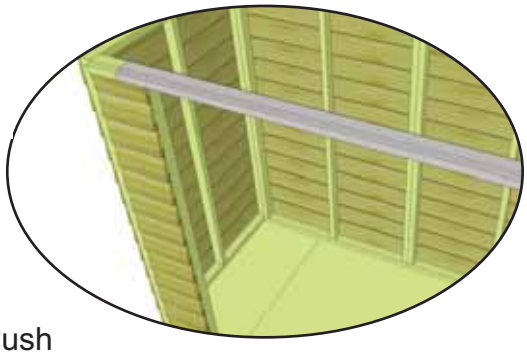




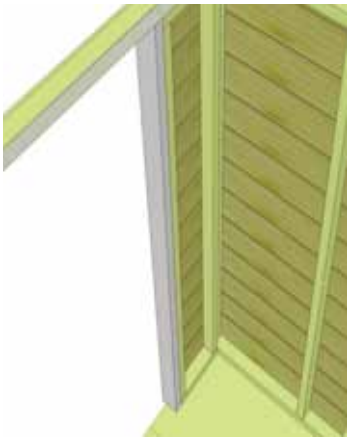
B11. Locate both **Door Headers - Short** (step facing up and out). Attach both short end pieces using **2 - 2 1/2" Screws** per piece. Screw from top down into wall framing. Align to inside of wall framing and tight against side wall.

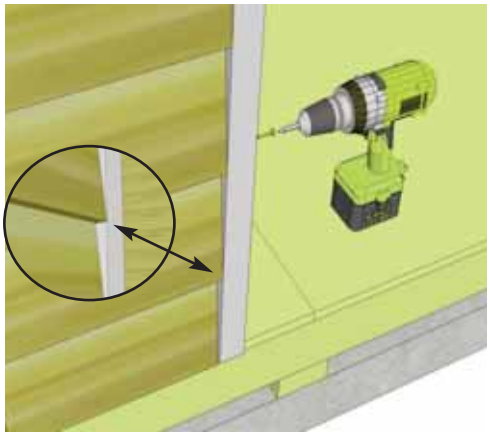


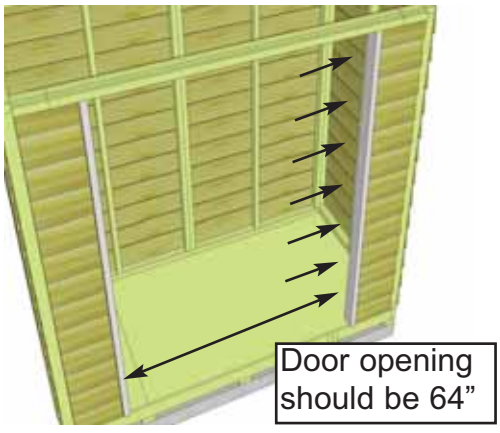




B12. Locate **Door Header - Long** (2" wide aluminum support attached already). Align step on header facing up and out and with support strip to the inside of shed. Attach using **2 - 2 1/2" Screws** per end as shown above. **Hint:** Have 2 helpers push Side Walls together to close any gaps between Headers. Complete both sides. Attach support strip to short headers with **2 - 3/4" Screws.**

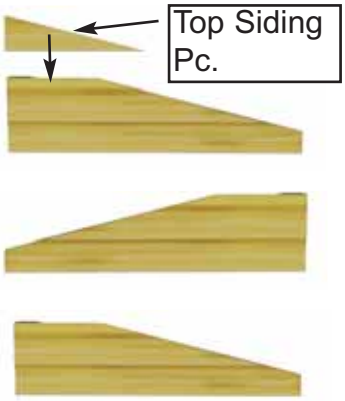


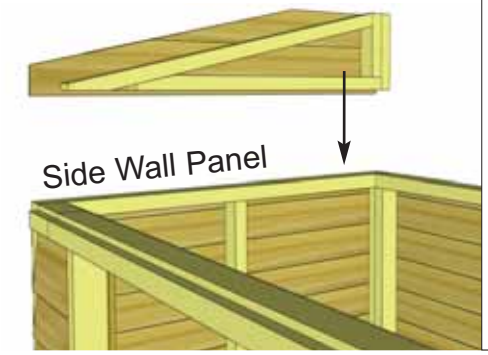


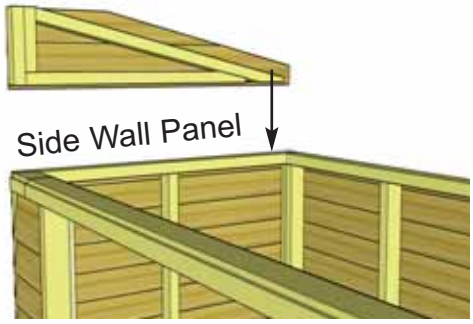


B13. Locate both **Vertical Door Jambs** (1 1/2" x 3 1/2" x 73") and position flush against front narrow wall stud. The Jamb will sit flush to outside of wall siding**.** When positioned correctly, secure Jamb using **6 - 2 1/2" Screws.** Complete both sides. With both door jambs secured, confirm 64" door opening.

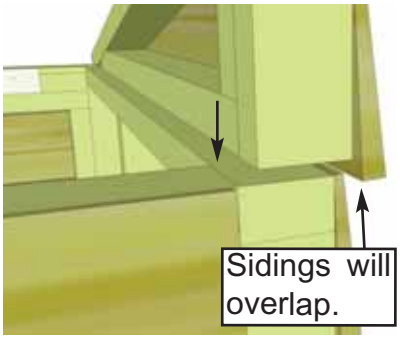
Top Siding Pc. for Angle Wall will be installed after Roof is attached.

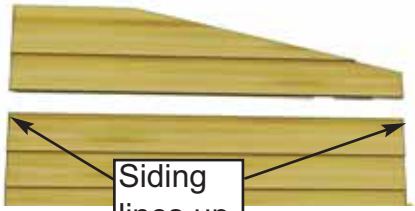


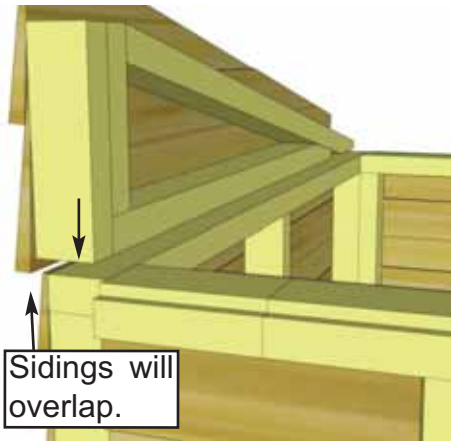


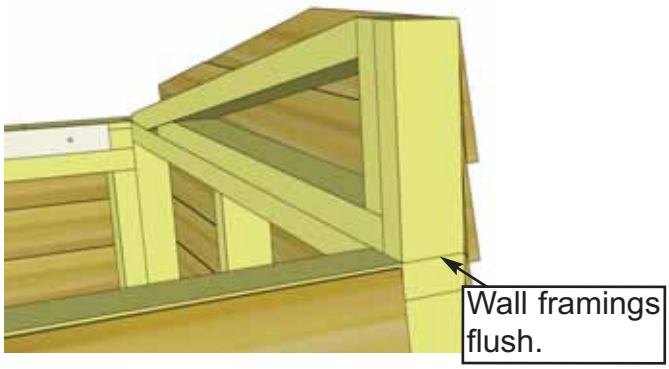


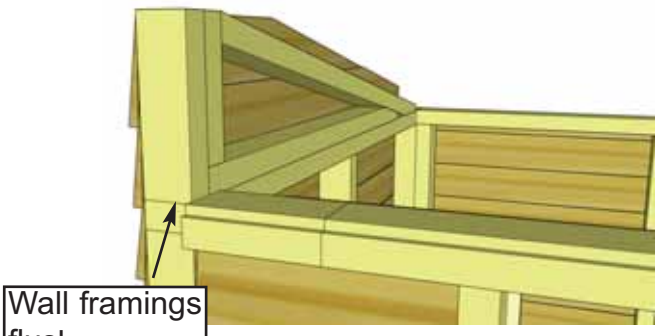
B14. Locate both **Angled Wall Extenders (L/R)**. Place first wall extender on side wall panel frame. **Note:** Bottom siding of wall extender will overhang and cover siding of side wall.





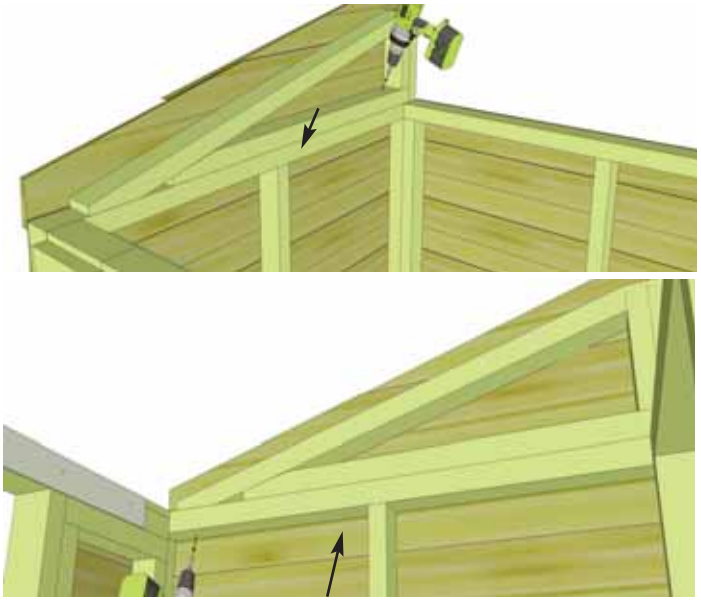




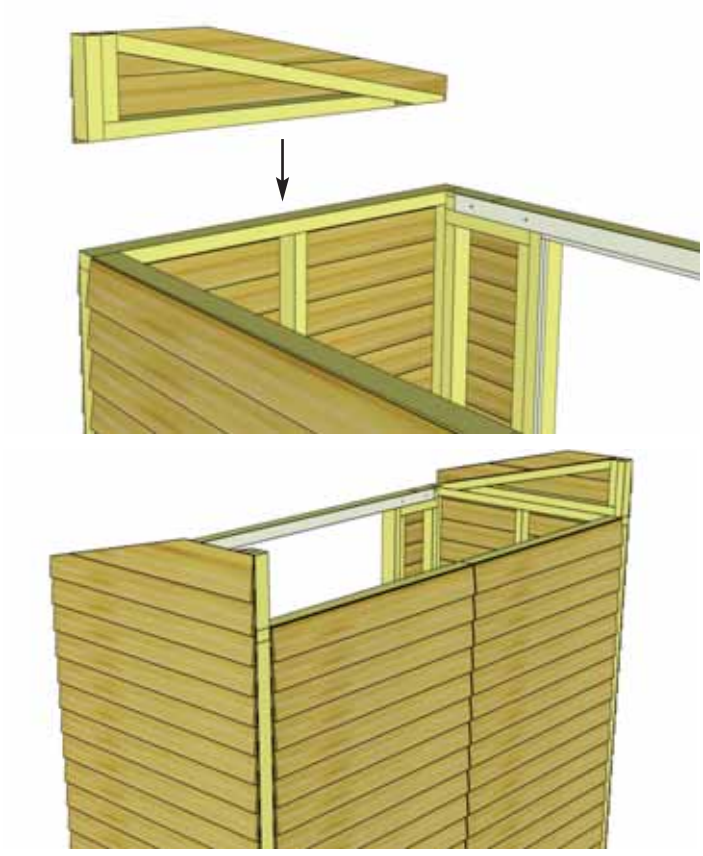


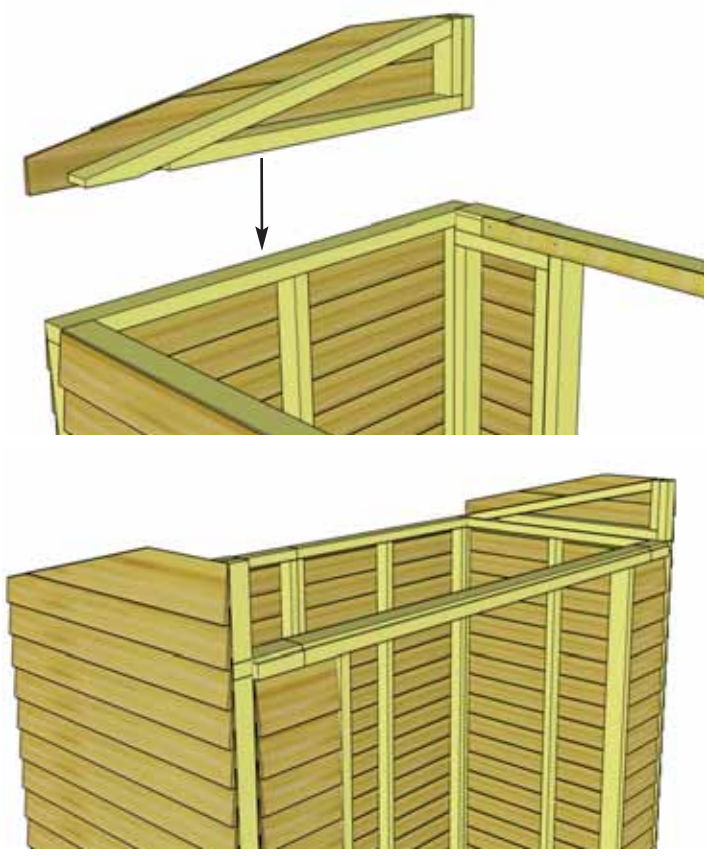
B15. Align wall framing of Angled Wall Extender and Side Wall so they are flush at the back. The siding for both walls should also align evenly from front to back.

B15. Align wall framing of Angled Wall Extender and Side Wall so they are flush at the front. The siding for both walls should also align evenly from front to back.

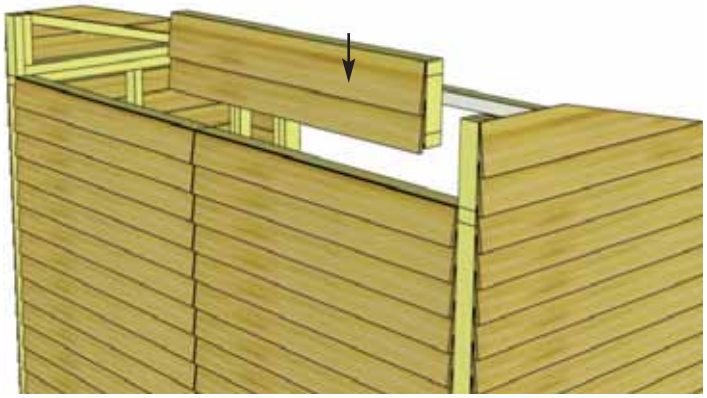


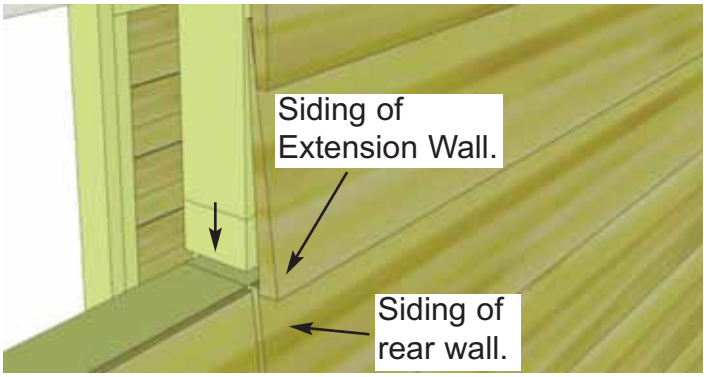
B16. With Angled Wall Extender and Side Wall aligned correctly, secure together from the inside with **4 - 2 1/2" Screws**.



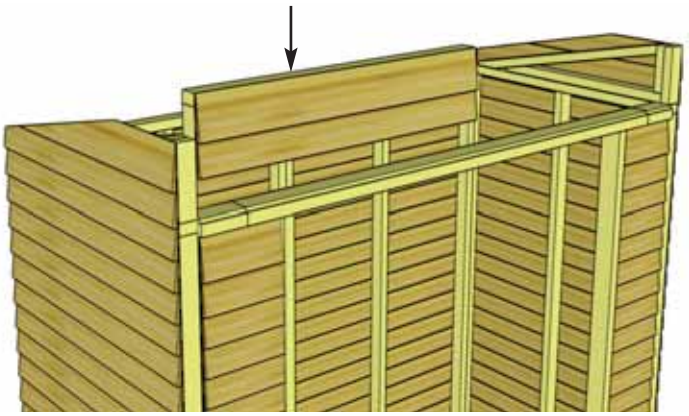


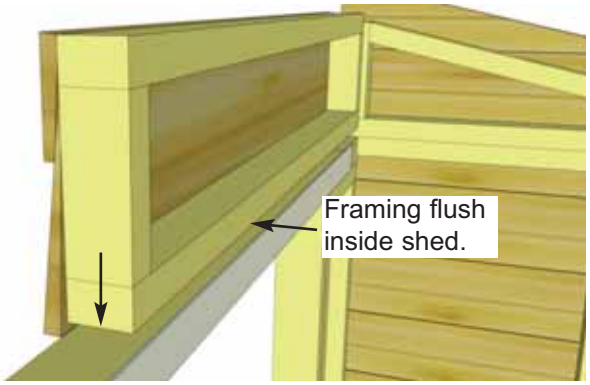
B17. Complete opposite Angled Wall Extender positioning and attachment as per **Steps B15 & B16.**



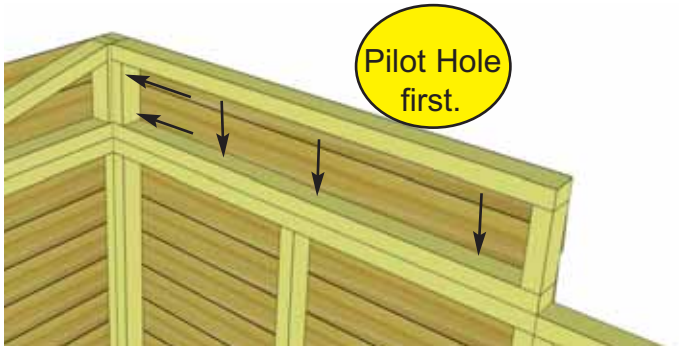


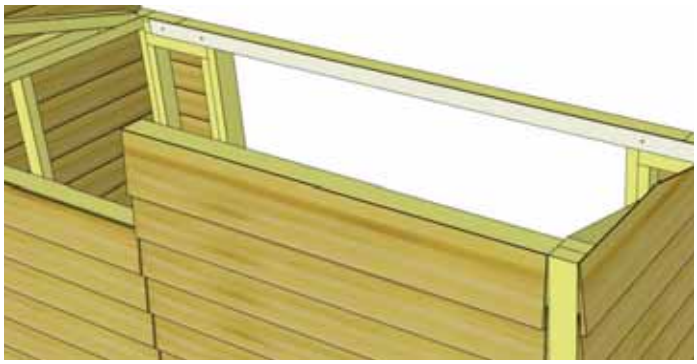
B18. Locate one **Wall Extender** and place on rear wall panel with siding of extender overlapping that of the rear wall.



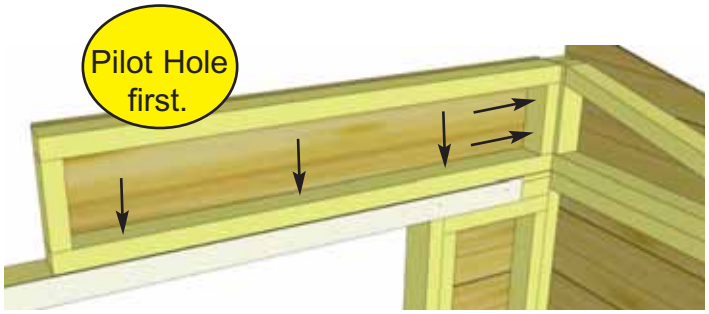


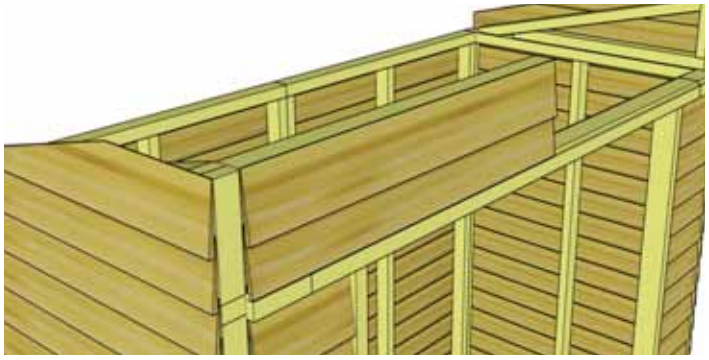
B18. Locate one **Wall Extender** and place on Door Header with extender framing flush with inside edge of Header. Overhanging siding on front of extender will rest in notch of Header.



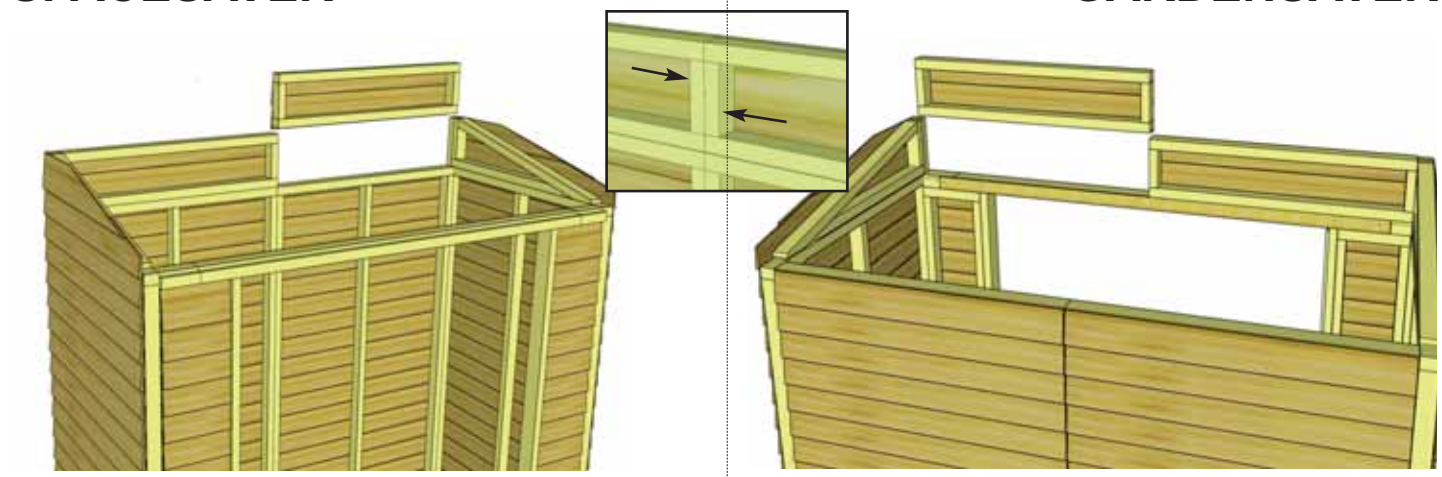


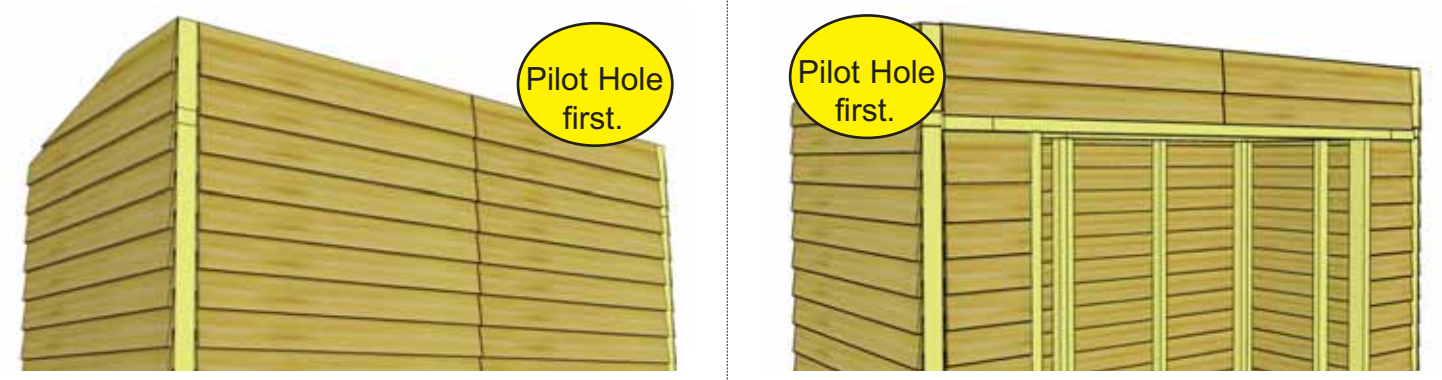
B19. With 2x3 wall framing aligned, attach Wall Extender to both the Angled Wall Extender framing and the rear wall framing with **5 - 2 1/2" Screws**.



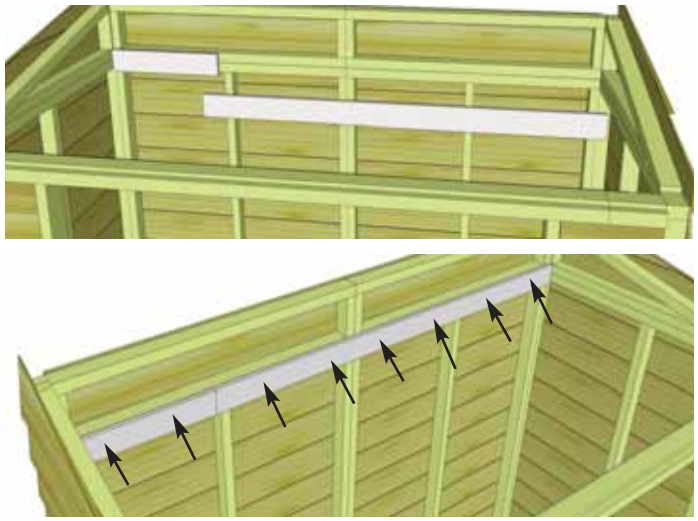


B19. With 2x3 wall framing aligned, attach Wall Extender to both the Angled Wall Extender framing and the Door Header with **5 - 2 1/2" Screws.**

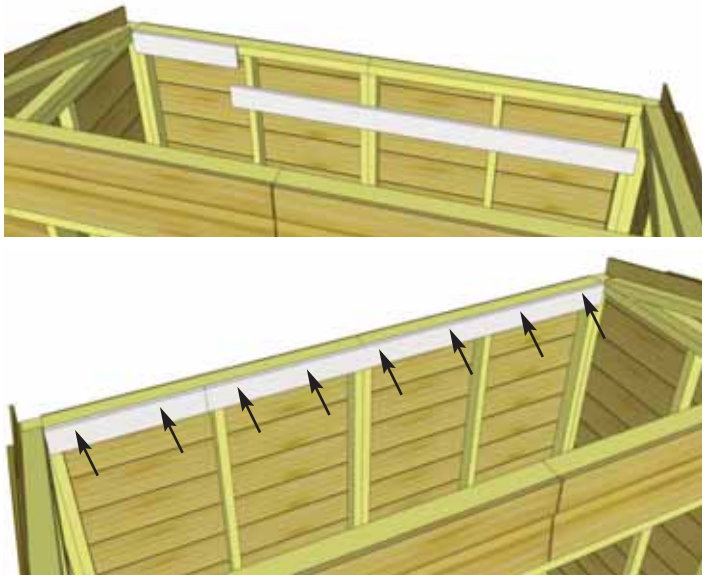




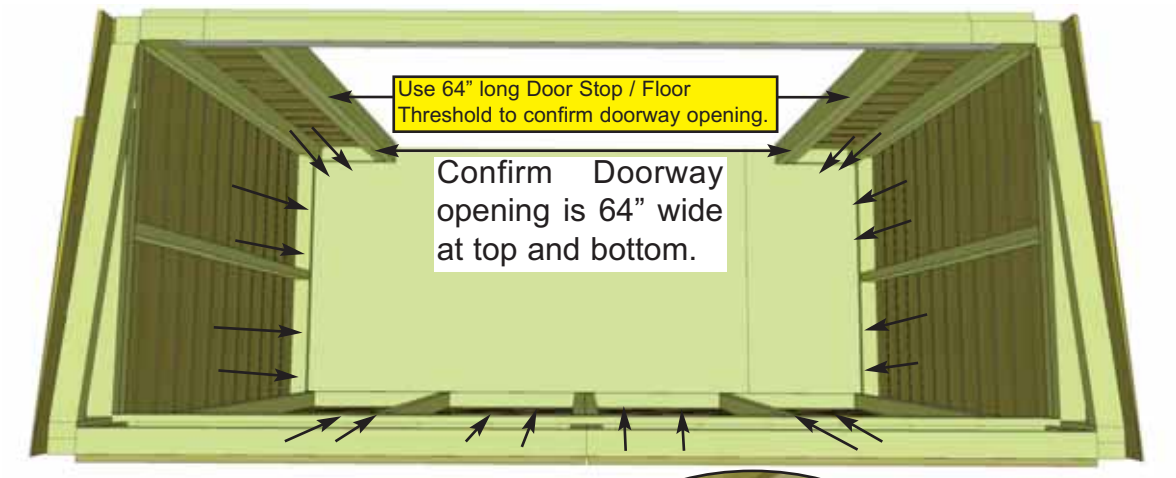
B20. Position and secure 2nd Wall Extender Panel as per **Steps B18 & B19**. Additionally, attach to first Extender with **2 - 2 1/2" Screws**.



B21. Attach **Horizontal Wall Cleats** (1 @ 3/4" x 3 1/2" x 70", 1 @ 3/4" x 3 1/2" x 21") to Wall Extender bottom framing and Rear Wall top framing, so that cleat is flush with extender framing. There is a short and a long wall cleat. Alternate alignment of screws, so half screw into Wall Extender Framing and half into Rear Wall Top Framing. Use **8 - 1 1/4" Screws**.



B21. Align **Horizontal Wall Cleats** (1 @ 3/4" x 3 1/2" x 70", 1 @ 3/4" x 3 1/2" x 21") flush with top of Rear Wall framing. To help strengthen the Rear Walls, there is a short and a long wall cleat which meet off-center from the seam between walls. Attach Cleats with **8 - 1 1/4" Screws**.



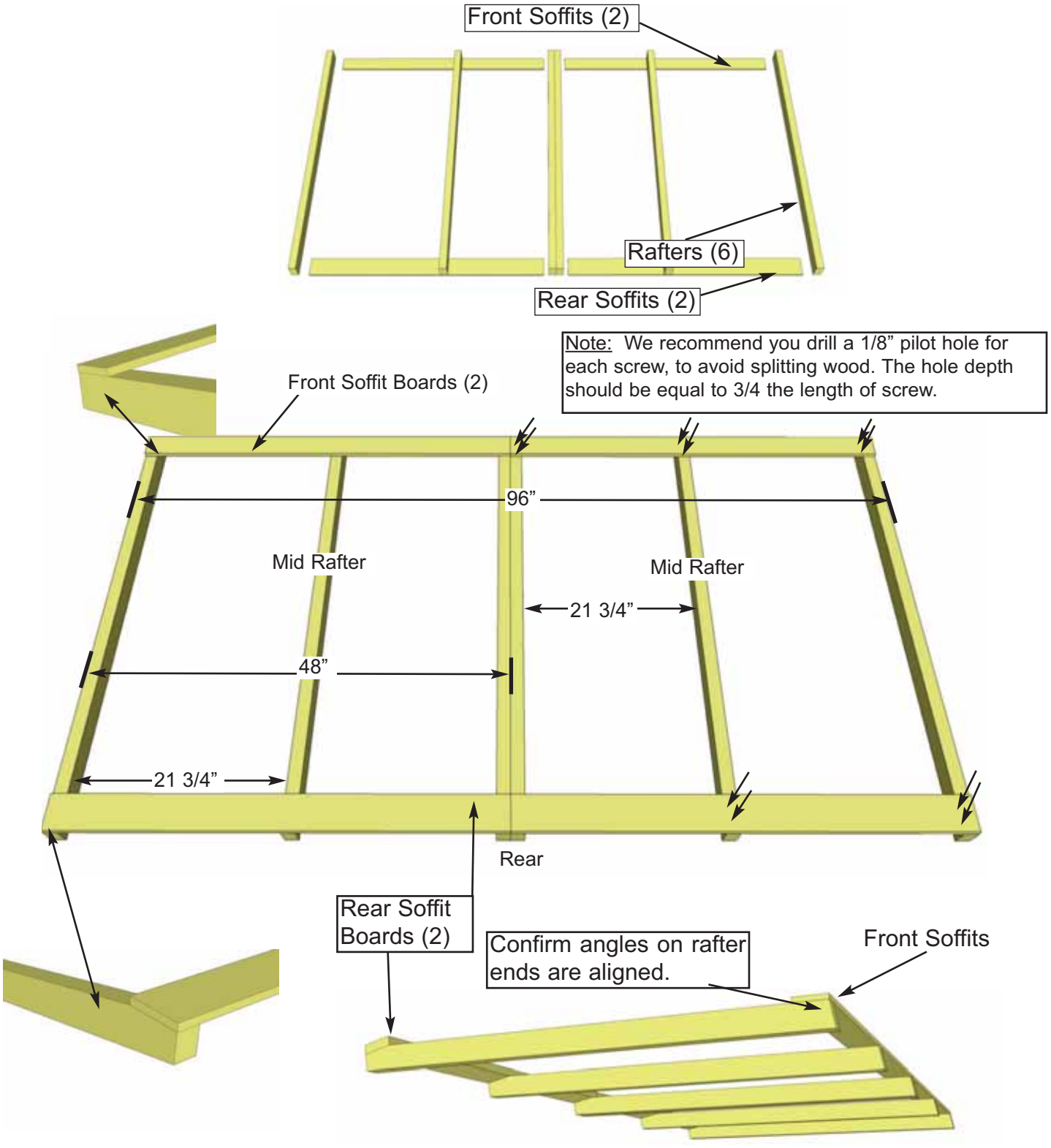
Optional - Caulking wall seams will help prevent moisture from entering at seam. Caulking not included in kit.

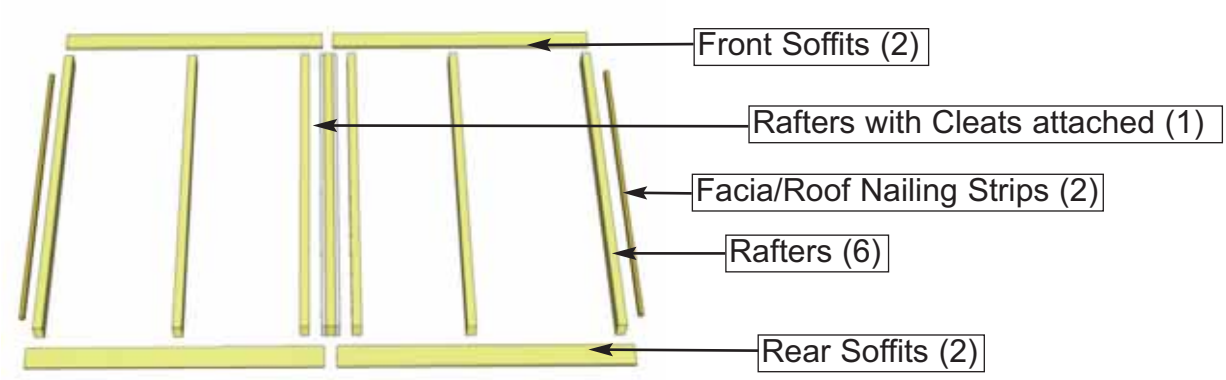
B22. To complete Wall Section, attach bottom 2x3 wall plates to plywood floor with **20 - 2 1/2” Screws**. Confirm Doorway opening is 64” wide. Prior to securing, make sure wall panels are aligned correctly on the floor. Wall siding should overhang floor while 2x3 wall plates should sit flush with floor.

C. Rafter Section

Exploded view of all parts necessary to complete the Rafter Section. Identify all parts prior to starting.

Rafter Section will be installed the same way for both GardenSaver and SpaceSaver. When following assembly steps keep your desired roof slope in mind relative to the door.





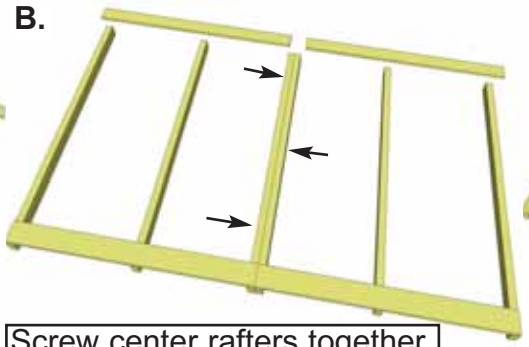
Note - Rafter Section for Plywood Roof with have an extra Rafter with Cleats attached.

C1. For Sheds with Cedar and Metal Roofs - Locate 6 **Rafters**, 2 **Rear Soffits** and 2 **Front Soffits**. Lay out on level ground and assemble as shown in Illustrations **A** through **C** below. Attach Soffit Boards flush to end of outside rafters with **2 - 1 1/4" Screws** per rafter end. **Important:** Drill pilot holes in Soffit ends to prevent splitting. Measure and attach interior Rafters as illustrated above. Measure and attach remaining Soffit/Rafter connections using **2 - 1 1/4" Screws** per rafter/soffit.

For Sheds with Plywood Rood - Locate 7 **Rafters**, 2 **Rear Soffits** and 2 **Front Soffits**. Center Rafter has 3/4" cleats attached on both sides making the width 3". Lay out on level ground and assemble as shown in Illustrations **A** through **C** below. Attach Soffit Boards flush to end of outside rafters with **2 - 1 1/4" Screws** per rafter end. **Important:** Drill pilot holes in Soffit ends to prevent splitting. Measure and attach interior Rafters as illustrated above. Measure and attach remaining Soffit/Rafter connections using **2 - 1 1/4" Screws** per rafter/soffit.

A.

B.

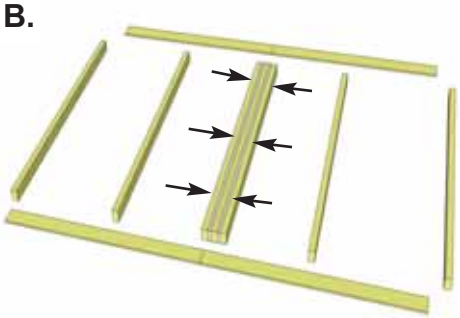


Screw center rafters together with 3 - 2 1/2" screws.

C.

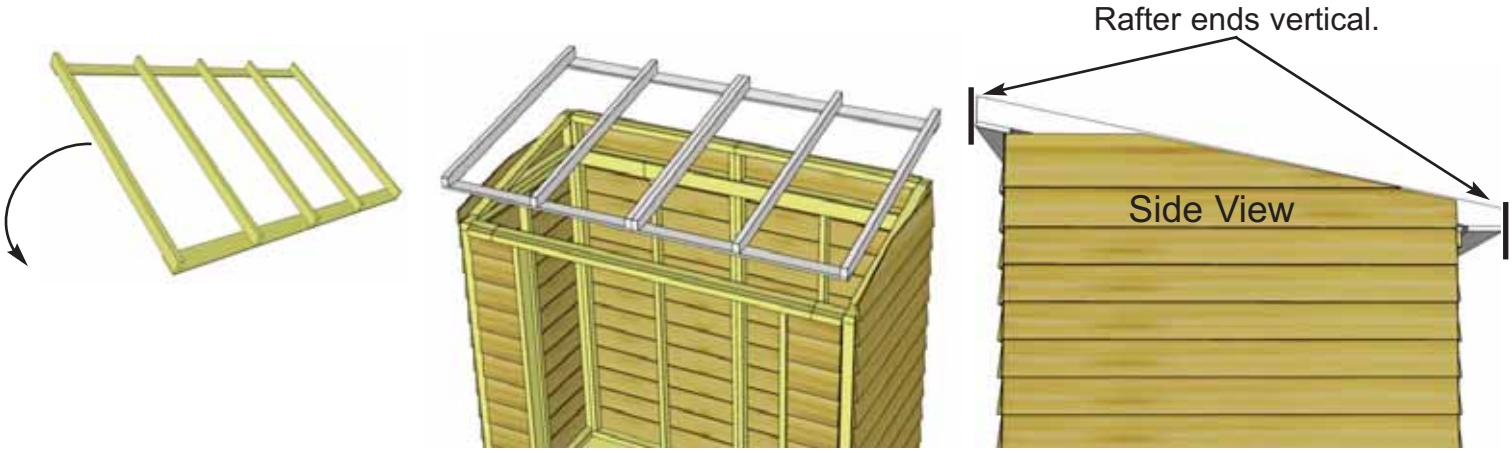
A.

B.



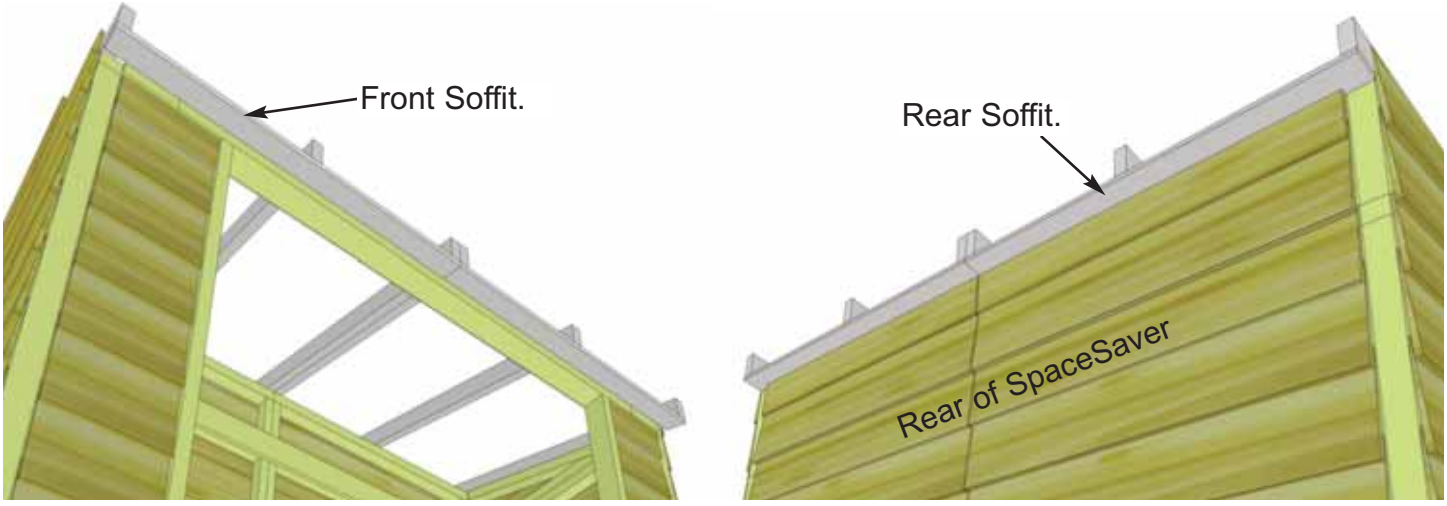
Screw center rafters together with 6 - 2 1/2" screws.

C.

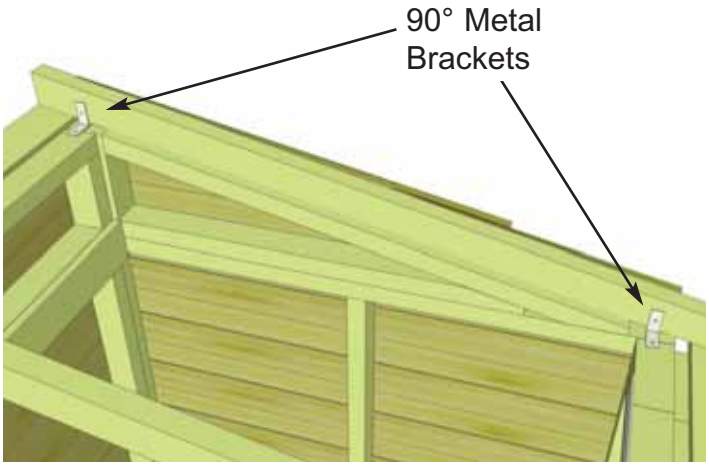


C2. Carefully flip completed Rafter Section over so Front Soffit is facing the front and place on SpaceSaver walls. **Note:** Double check that your Rafter Section is positioned correctly by ensuring the ends of the Rafters are sloped vertically as shown above.

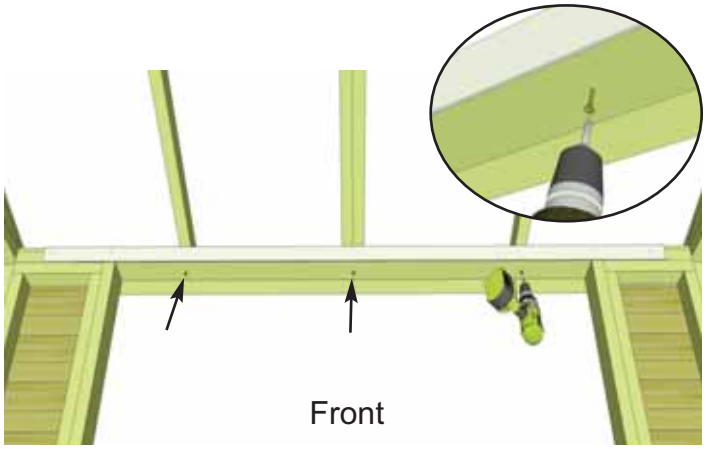
C3. Position completed Rafter Section on top of walls. Outside Rafters will sit on Extension Wall framing and be positioned equally from side to side.



C4. When Rafter Section is positioned correctly, both Front and Rear Soffits will sit approximately 1/8” away from wall siding. This can vary slightly.



C5. With Rafter Section correctly aligned, secure rafters to walls using **90° Metal Brackets**. Start with outside rafters and secure 2 - 90° Metal Brackets with **1 1/4" Screws**. Screw into Wall Extension Framing at the rear and Wall Panel top framing at the front. Complete both sides.



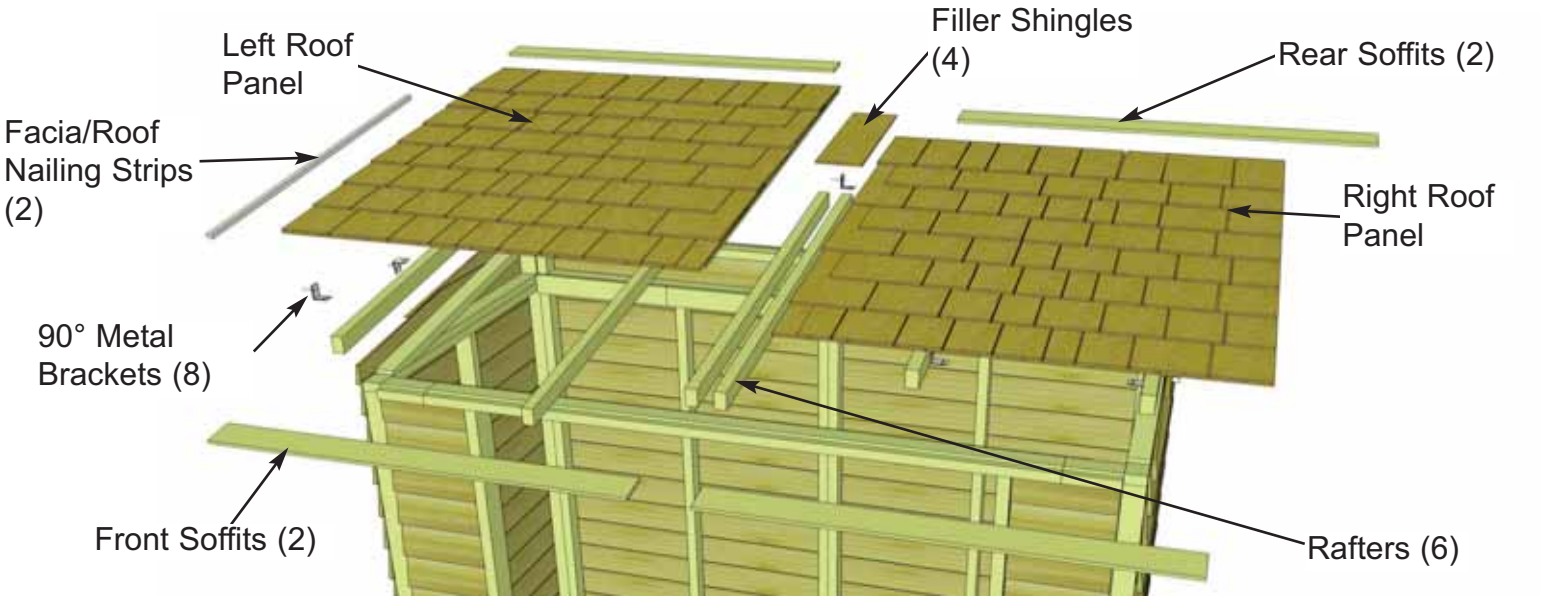
C6. With outside rafters properly secured, completely secure remaining interior rafters using **6 - 3" Screws**. Screw into rafters from inside of Header on an angle at front of shed, and from inside of Extension Wall Framing at rear of shed.

D. Roof Section - Cedar

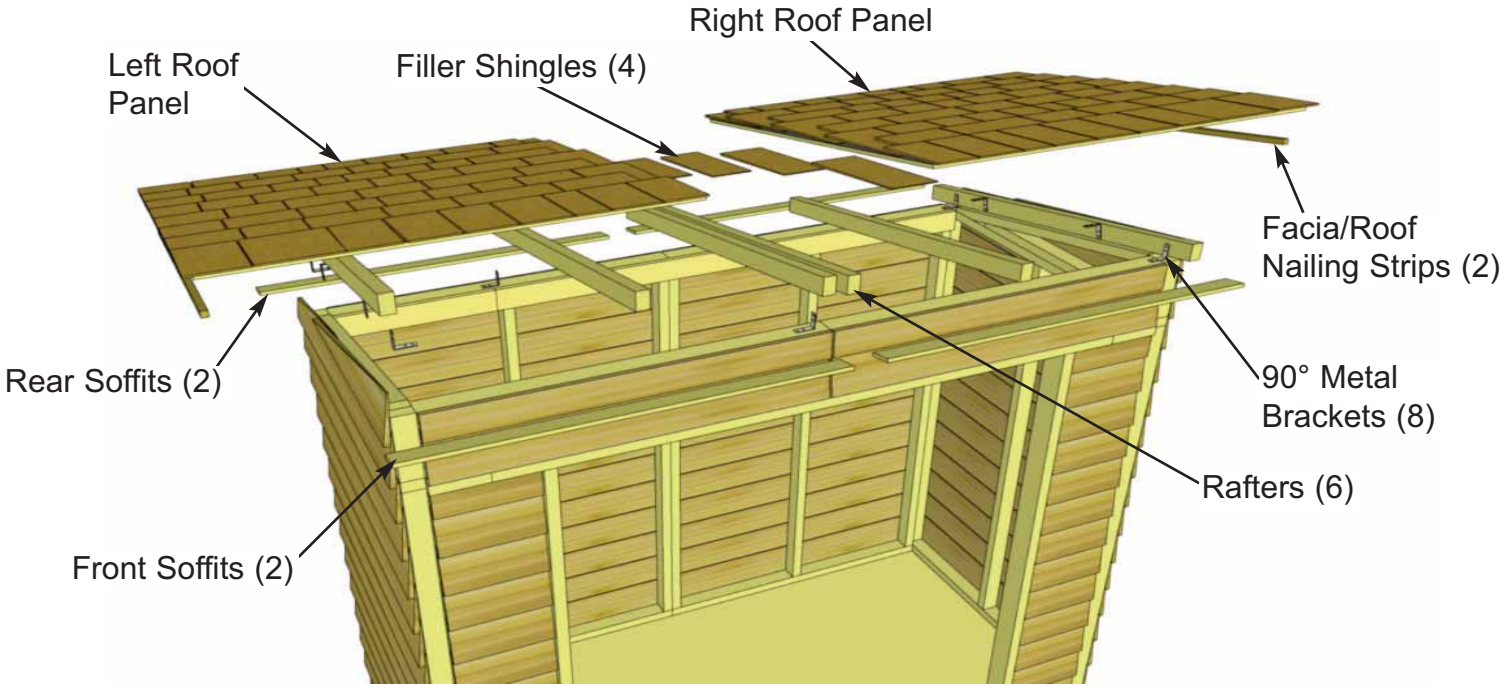
Exploded view of all parts necessary to complete the Rafter and Roof Section. Identify all parts prior to starting.

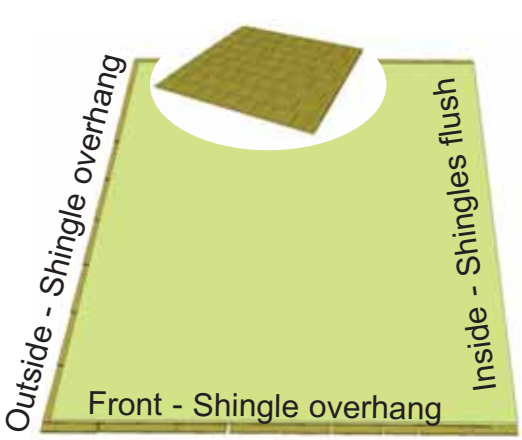
Roof Section will be installed the same way for both GardenSaver and SpaceSaver. When following assembly steps keep your desired roof slope in mind relative to the door.

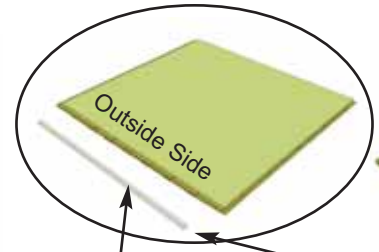
SpaceSaver

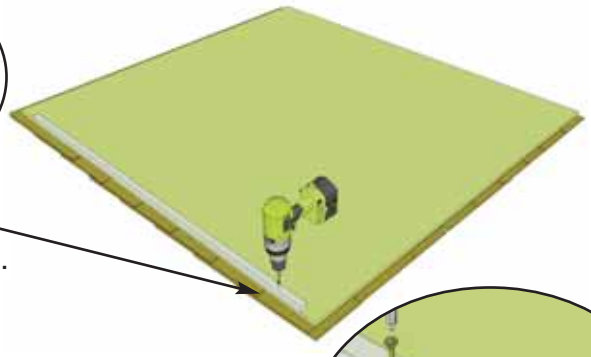


GardenSaver

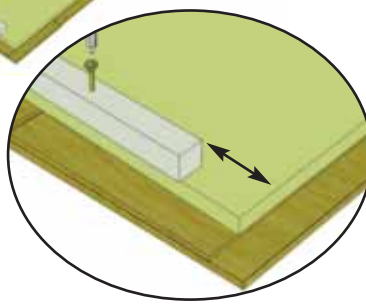




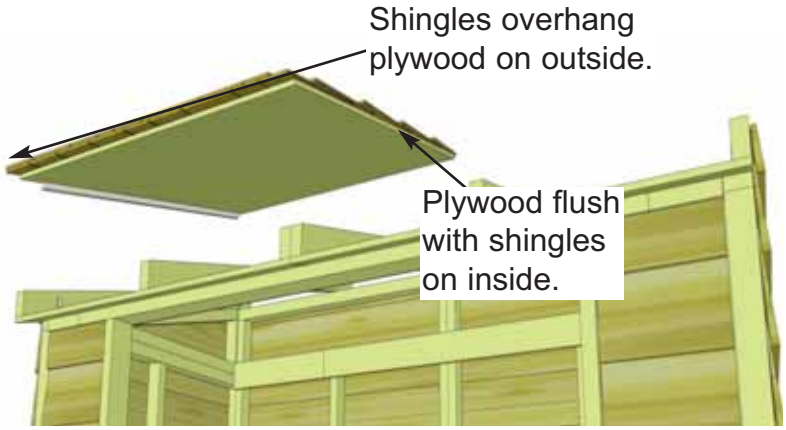


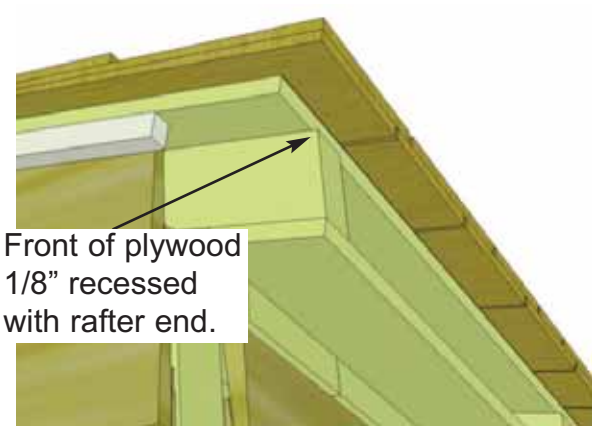


Rafter/Facia Nailing Plate.

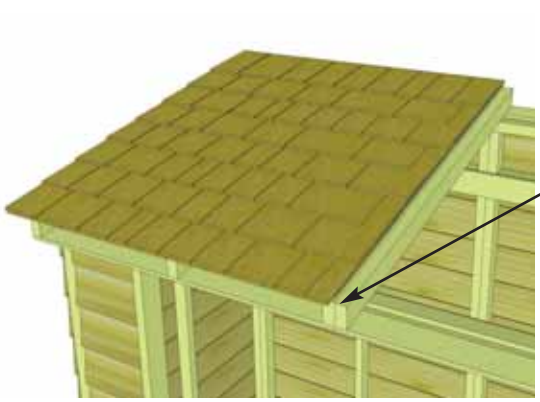


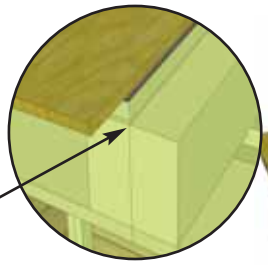
D1. Carefully flip Roof Panels over so plywood sheathing is facing up. **Center Rafter/Facia Nailing Plates** (2) (3/4" x 3/4" x 51") onto outside of each panel flush with plywood. Attach with **4 - 1 1/4" Screws** evenly spaced. The Rafter/Facia Nailing Plate provides for a greater nailing surface later when you attach side facia.



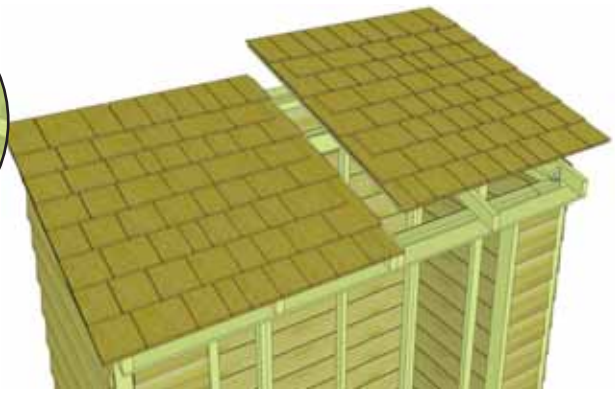


D2. Correctly orientate Left Side Roof Panel, with shingles overhanging plywood on the side of the shed and flush with plywood to the middle. Place on rafters with front of plywood just about flush with rafter ends but just slightly recessed. Doing so allows front facia to sit better.

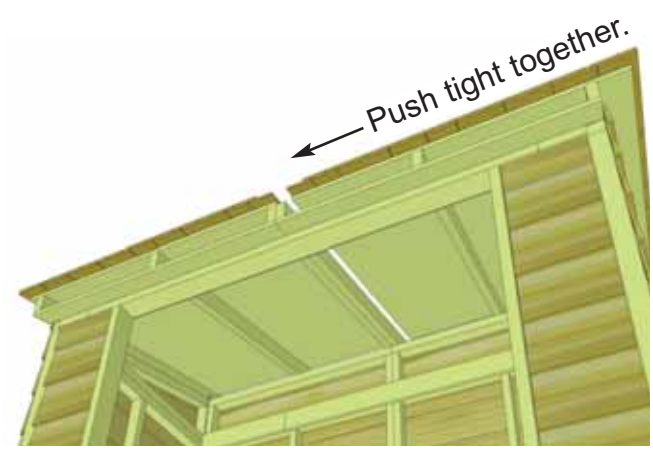


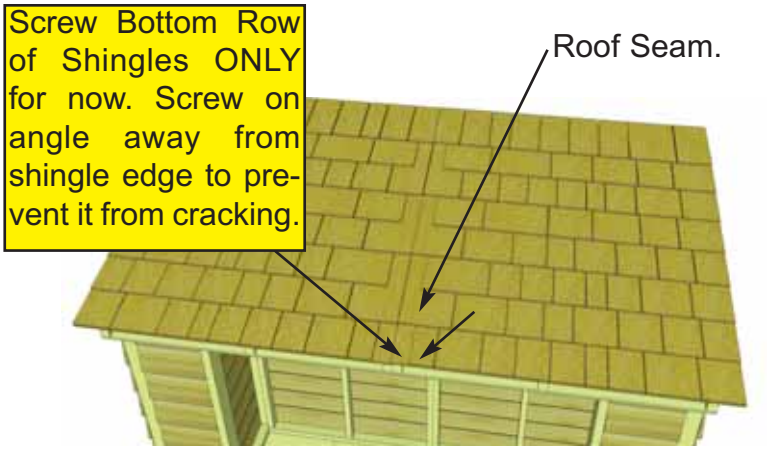


Roof Panel centered on rafter.

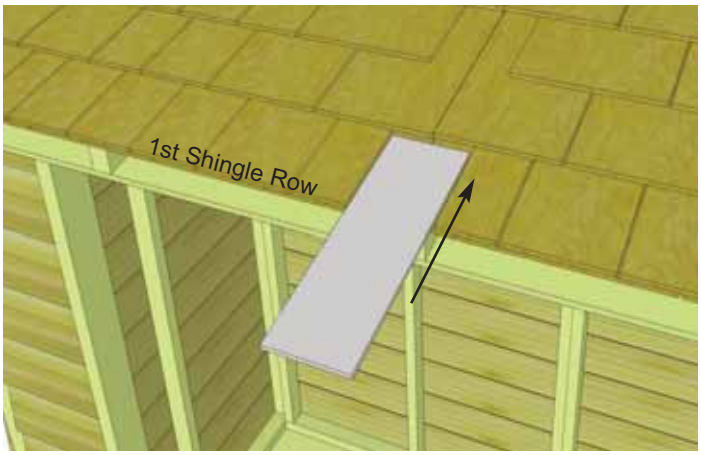


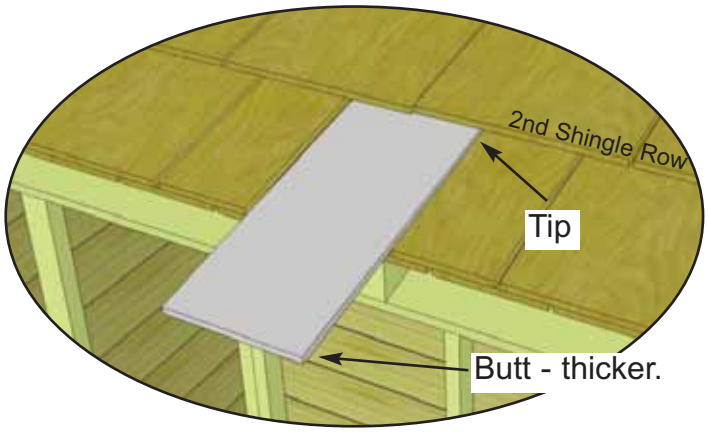
D3. For correct Roof Panel position, align panel so sheathing sits evenly on Center Rafters. Complete both roof Panels.



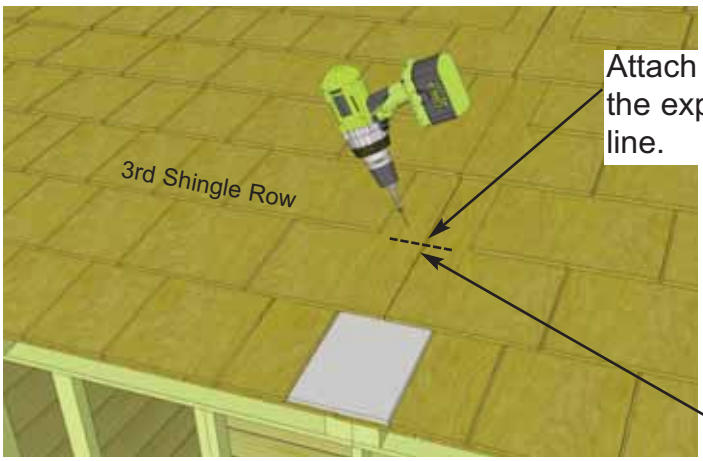


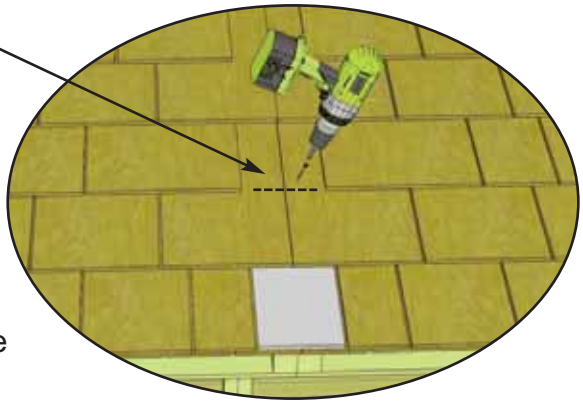
D4. With Roof Panels aligned, screw panels down to center rafters with **2 - 2 1/2" Screw**s in **Bottom Row of Shingles Only (1 screw per panel).**



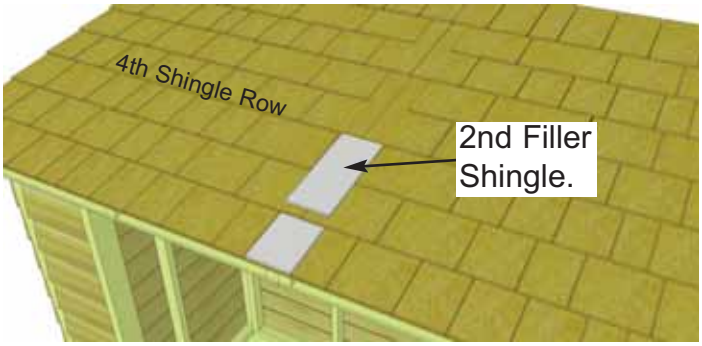


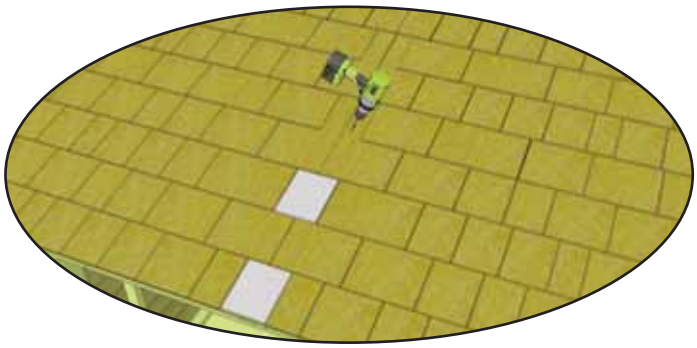
D5. To cover roof seam, slide one **Filler Shingle** (5 1/2" wide) up and underneath second shingle row. Push or bang filler carefully with a hammer until evenly spaced and butt is even with other 1st row of shingles.



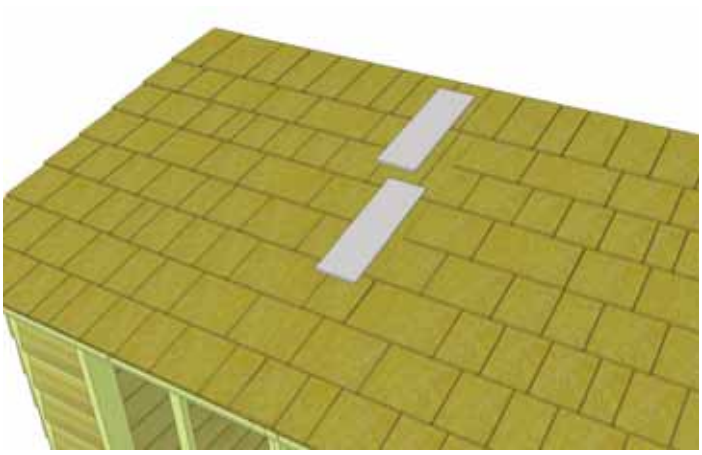


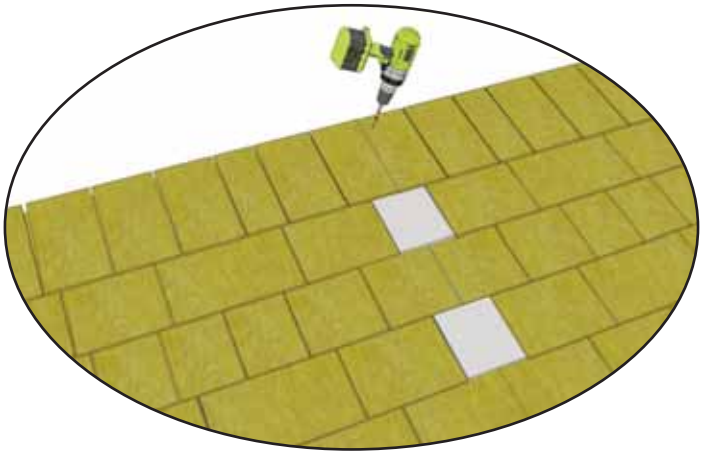
D6. Screw first filler shingle down to rafters using **1 - 2 1/2" Screw** per panel (2 in total). Screw on slight angle and make sure to screw into rafter. Screw slightly above 3rd row of shingles (exposure line).This way, the screw will get covered up when you install your 2nd Filler Shingle and will prevent leaking.



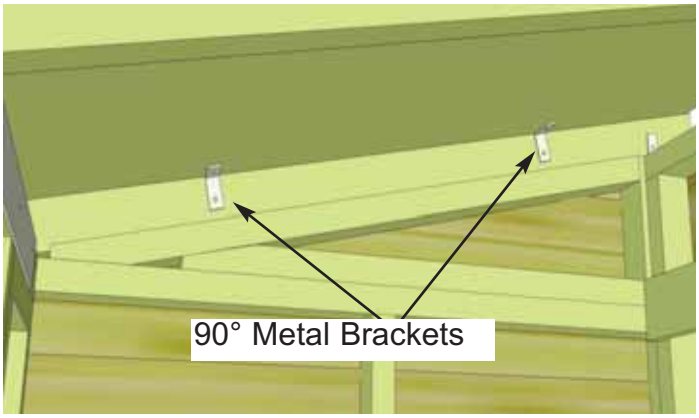


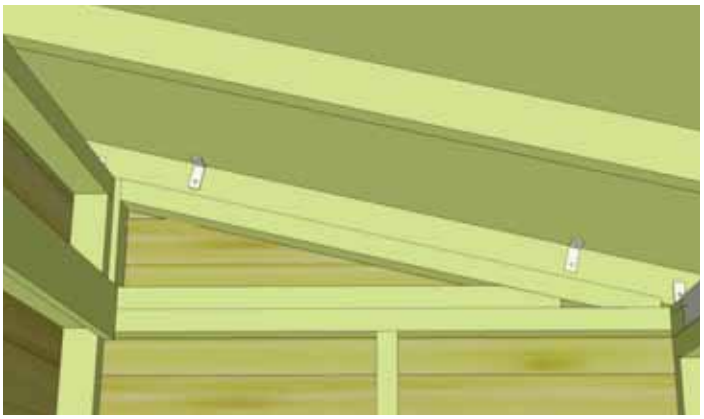
D7. Slide 2nd **Filler Shingle** up and underneath fourth shingle row. Follow **Steps D5 - D6** to align and attach.



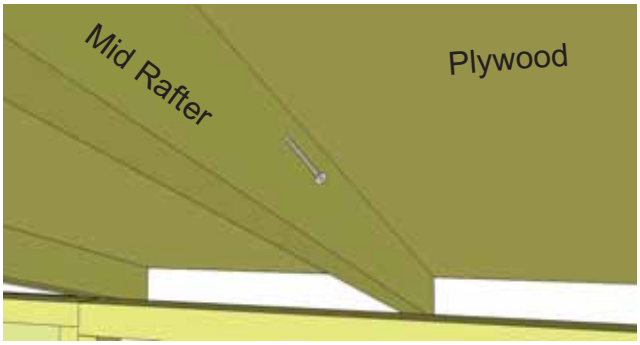


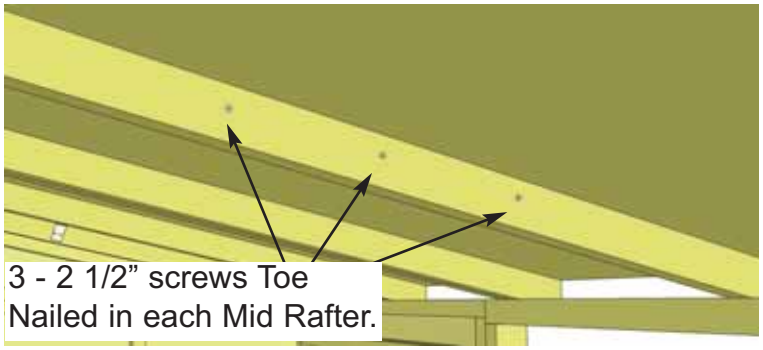
D8. Slide 3rd and 4th **Filler Shingles** up and underneath appropriate shingle rows and follow **Steps D5 - D6** to align and attach. On last filler, screws will get covered by Roof Ridge Board (4 1/2" wide).

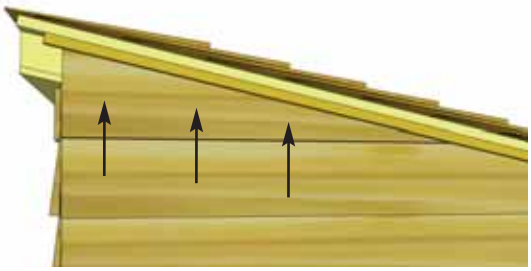


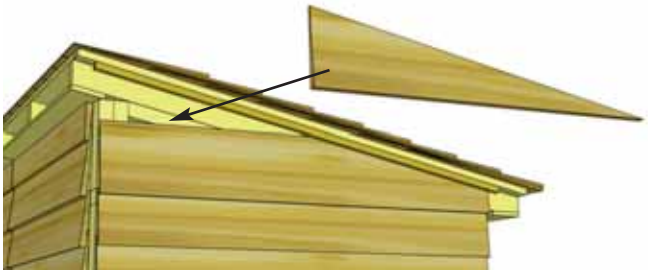


D9. Secure roof panels to walls at both ends by positioning **2 - 90° Metal Brackets** on plywood and outside rafters and securing with **2 - 1 1/4" Screws** per bracket. Complete both sides.

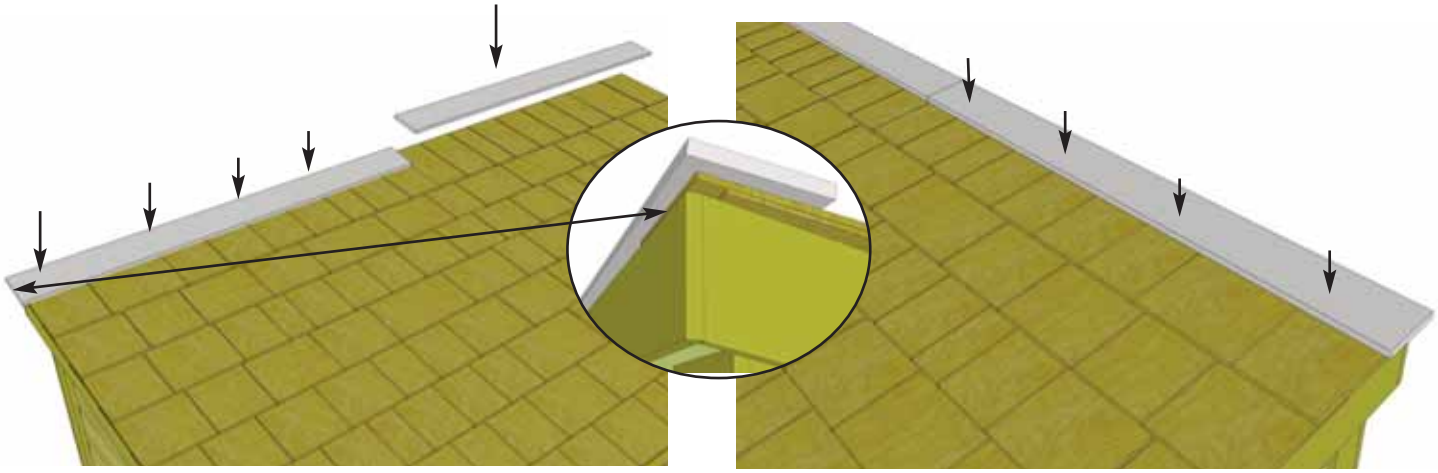








D10. To further secure roof panels from the inside, drill pilot holes on an angle in each panel’s Mid Rafter (3 per Rafter). **Using 3 - 2 1/2” Screws,** secure rafters to plywood. **Note:** from outside if possible, have a helper push roof panel down so plywood sits flush against rafter while securing. Locate **Top Siding Piece for Angled Wall Extender (L/R)**. Position top siding on wall extender and align as shown above. Attach with **3 - 1 1/2” Finishing Nails** to top wall framing. There are left/right top siding pieces. Use rough surface side out.

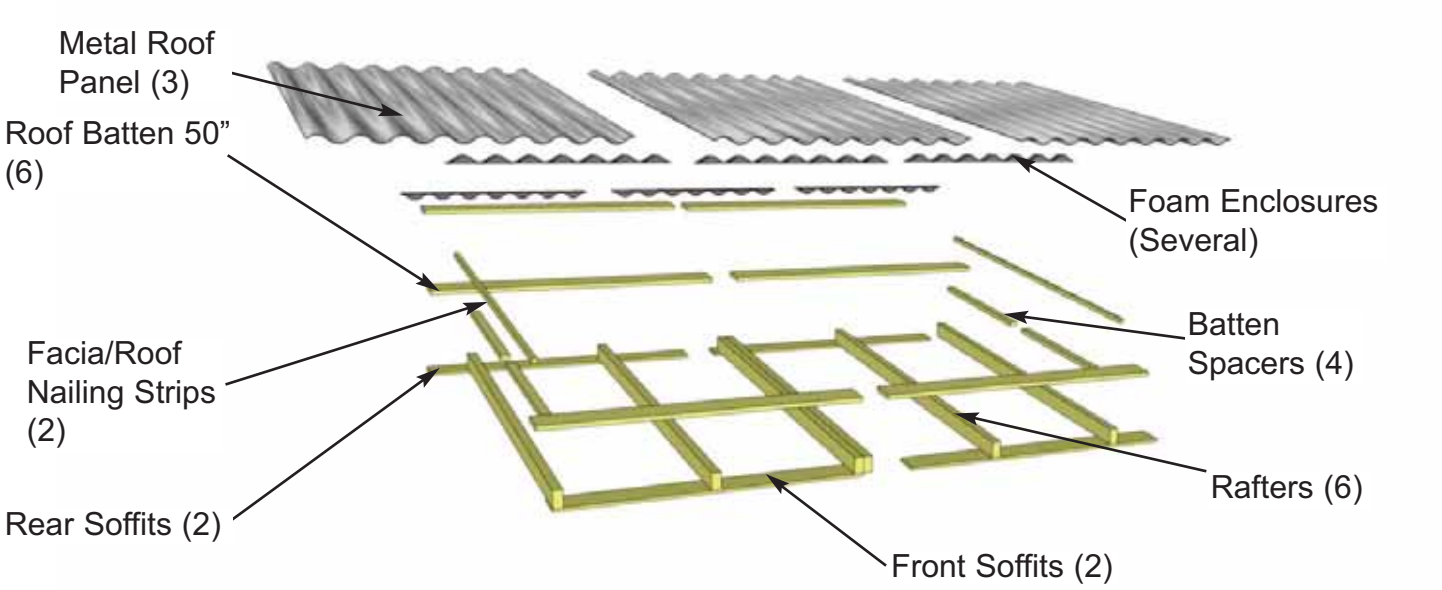


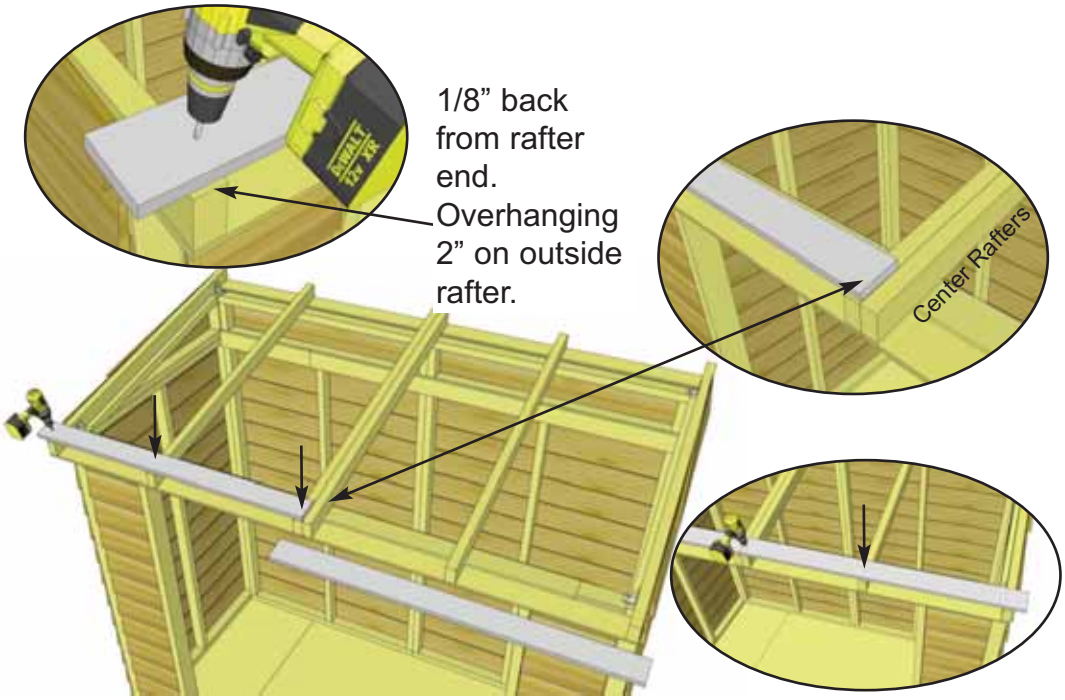
D11. Position first **Roof Ridge Board** (1/2” x 4 1/2” x 51 5/8”) at the rear of roof to cap off shingles and facia. Ridge Boards should meet on seam of roof panels. When aligned correctly, attach with **4 - 1 1/2” Finishing Nails** per piece.

D. Roof Section - Metal

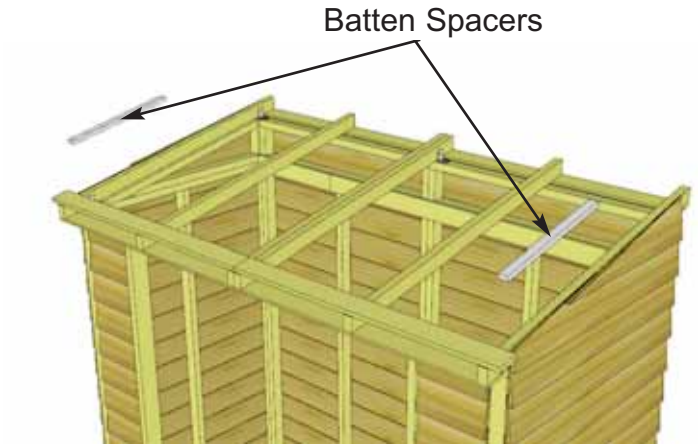
Exploded view of all parts necessary to complete the Rafter and Roof Section. Identify all parts prior to starting.

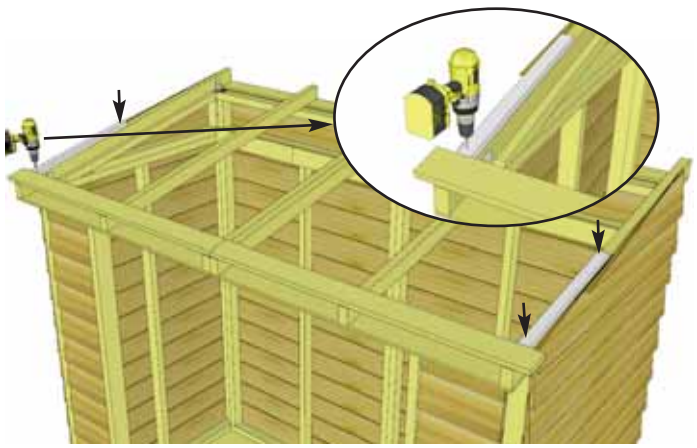
Roof Section will be installed the same way for both GardenSaver and SpaceSaver. When following assembly steps keep your desired roof slope in mind relative to the door.





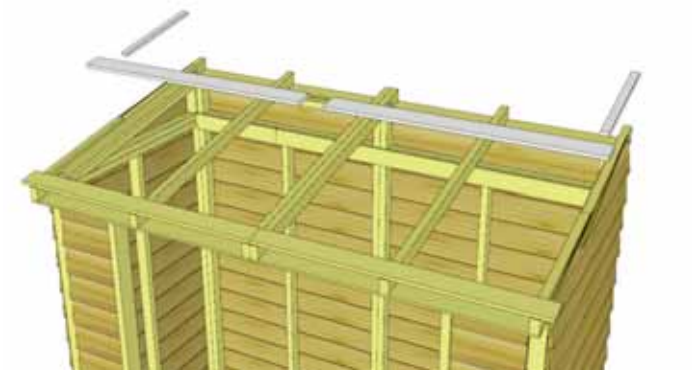
D1. Position first row of Roof Battens (3/4” thick x 3 1/2” wide x 50” long x 2) on front of roof rafters. Place 1/8” back from end of rafter. Batten will sit evenly on center rafters overhanging 2” on the outside rafters. Attach batten with **1 - 1 1/4” Screw** per each rafter. Pre-drill with 1/8” drill bit first to prevent end from splitting. Complete attachments of both 50” long roof battens.

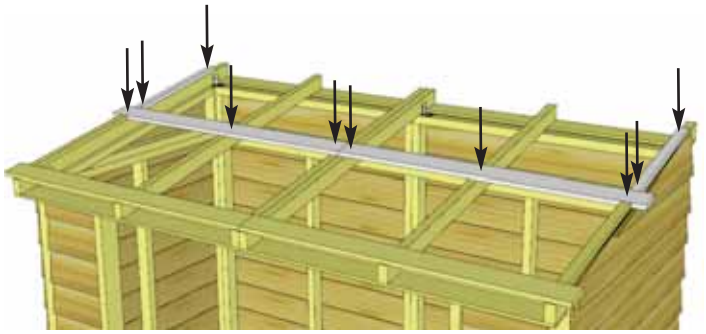




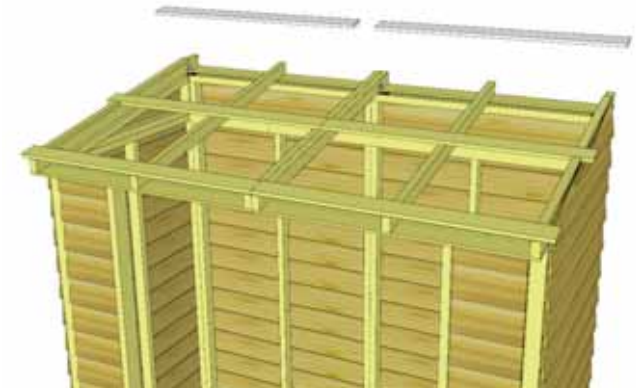
Important: Pre-drill pilot hole with 1/8” drill bit first to prevent Batten Spacer from splitting.

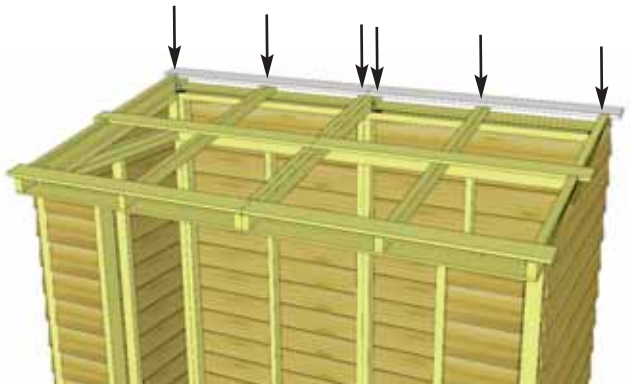
D2. Place **Batten Spacers** (2 pcs x 3/4” x 1 1/2” x 21 1/2”) above each end of the attached **Batten**, lengthwise along outside **Rafter**. Ensure **Batten Spacer** is tight with **Batten**. Attach **Batten Spacer** to **Rafter** using **2 - 1/4” Screws** (4 total)



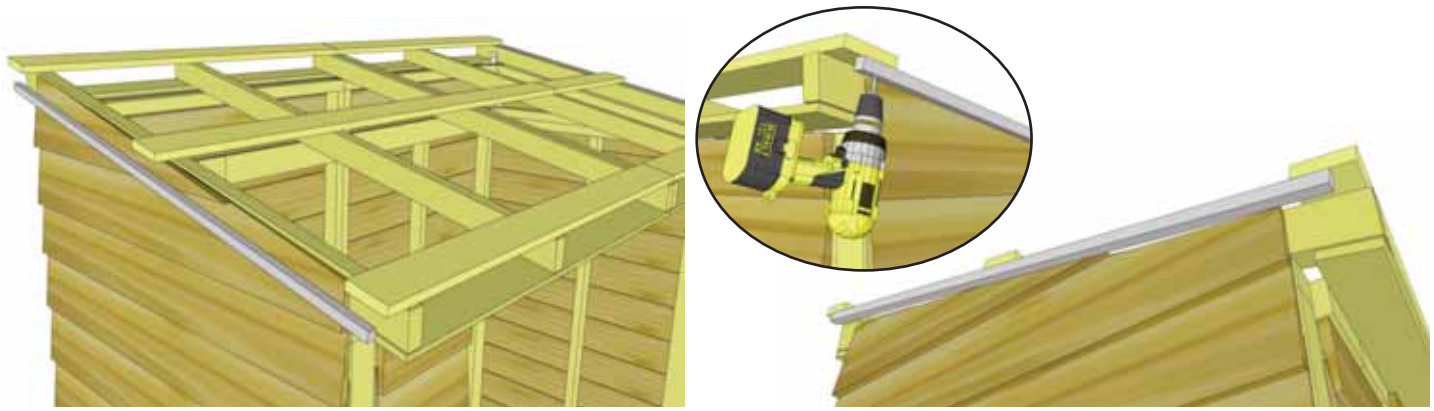


D3. Locate middle row of **Roof Battens** (2 pcs x 3/4” thick x 3 1/2” wide x 50” long) and attach flush with previously attached **Batten Spacers** via the same method as **Step D2**. Attach a second row of **Batten Spacers** flush with the top edge of this middle **Batten** row via the same method as **Step D1**.

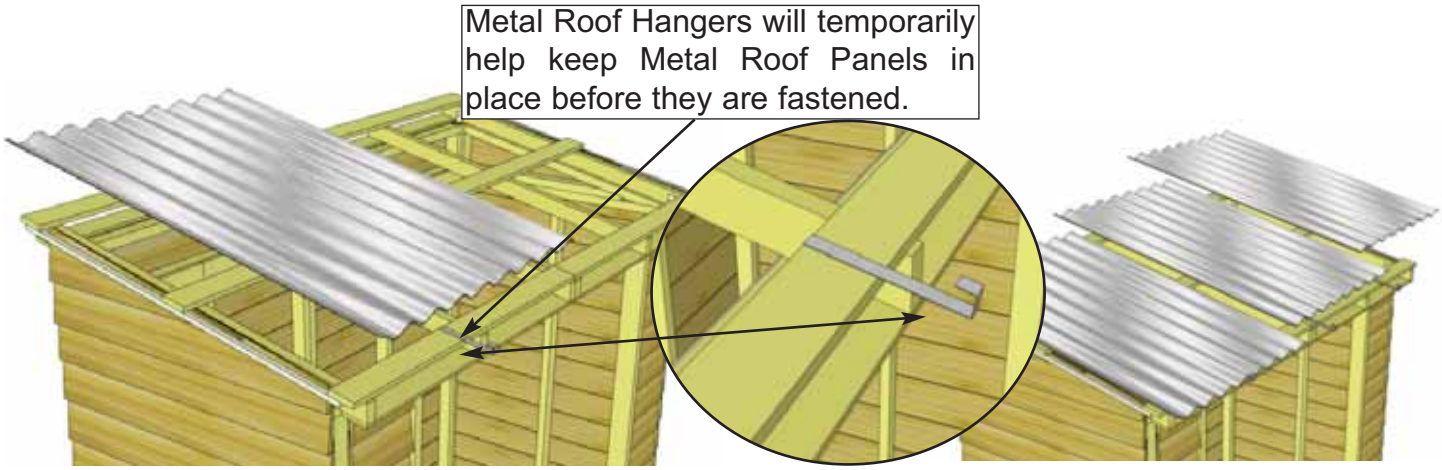




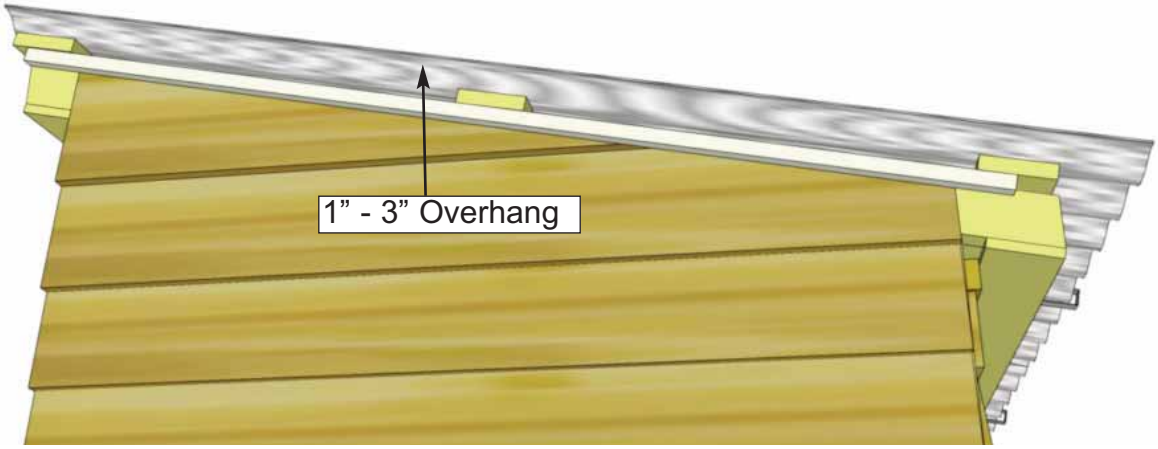
D4. Locate upper row of **Roof Battens** (2 pcs x 3/4” thick x 3 1/2” wide x 50” long) and attach flush with previously attached **Batten Spacers** via the same method as **Step D1**, using a total of **6 - 1 1/4” Screws**.



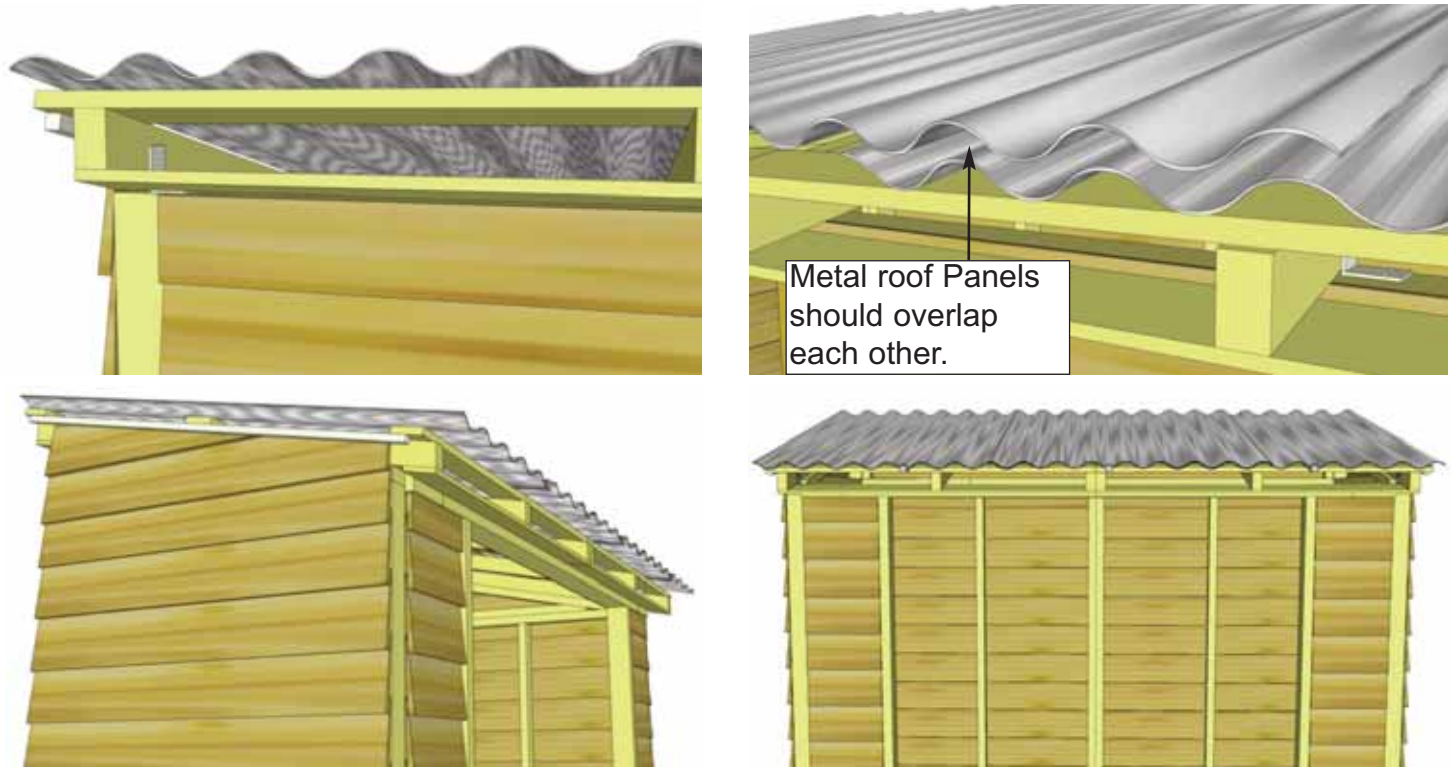
D5. Center **Rafter/Facia Nailing Plates** (2) (3/4" x 3/4" x 51") underneath outside of each batten. Attach with **3 - 1 1/4" Screws** evenly spaced into the batten. The Rafter/Facia Nailing Plate provides for a greater nailing surface later when you attach side facia.



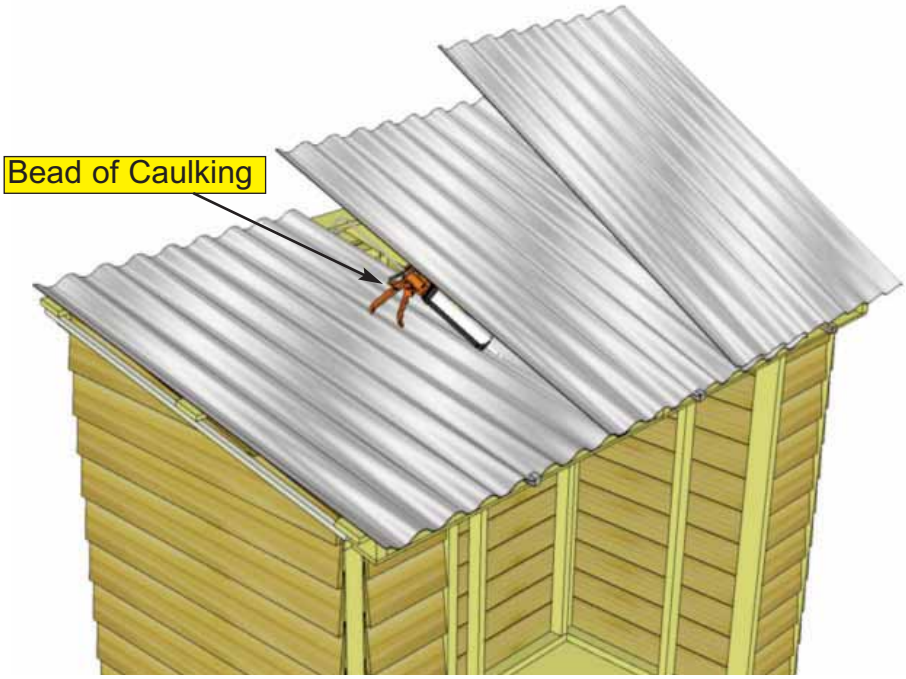
D6. Locate all **Metal Roof Hangers** (3pcs) and **Metal Roof Panels** (3pcs - 39" wide x 58 1/2" long - Identical). To temporarily help hold the **Metal Roof Panel** in place, hook a **Metal Roof Hanger** onto the lower **Batten** approximately where the center of the first Panel will be. Place the first **Metal Roof Panel** on **Battens**. Do not fasten Panels down until **Steps D10 & D12**. Place other two **Metal Roof Panels** with Hangers the same way.



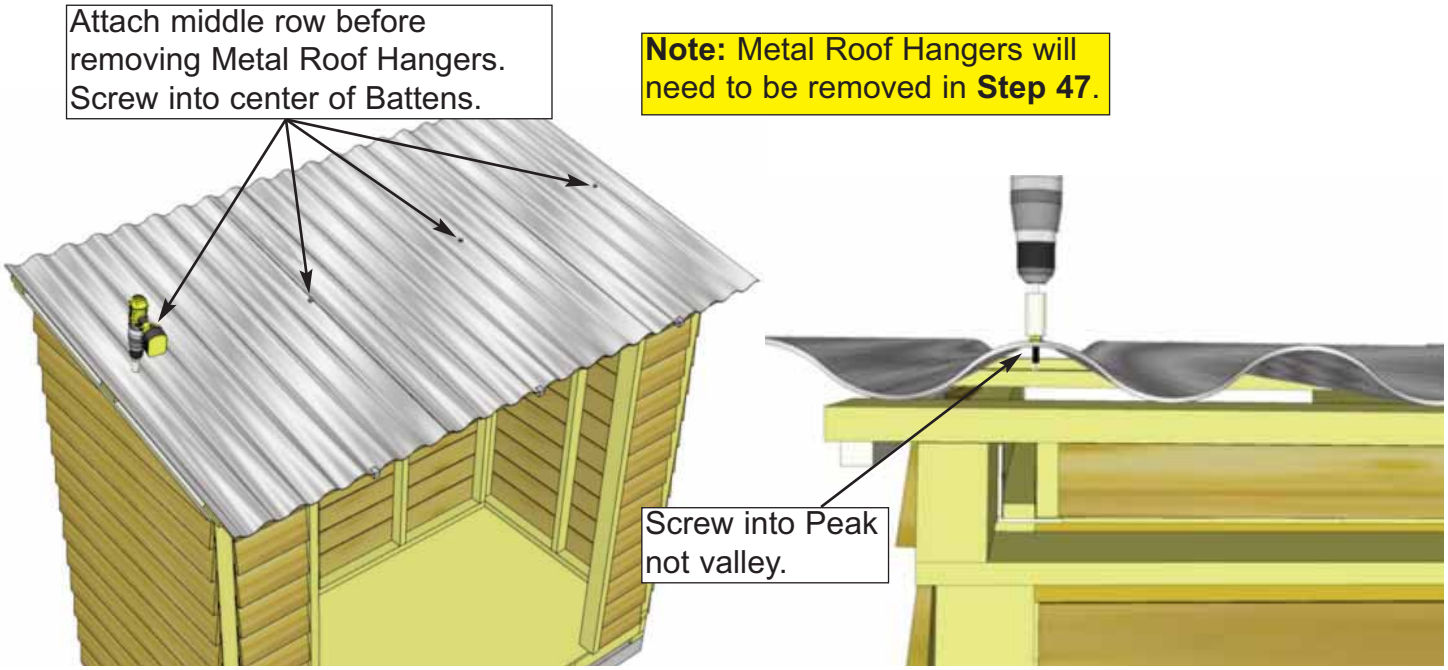
D7. Overhang the **Metal Roof Panels** past the **Battens** on the sides from 1" - 3", depending on your personal preference. The overhang on front and back will be set by the **Metal Roof Hangers**, but should be approximately 1" on the back and approximately 4" on the front.



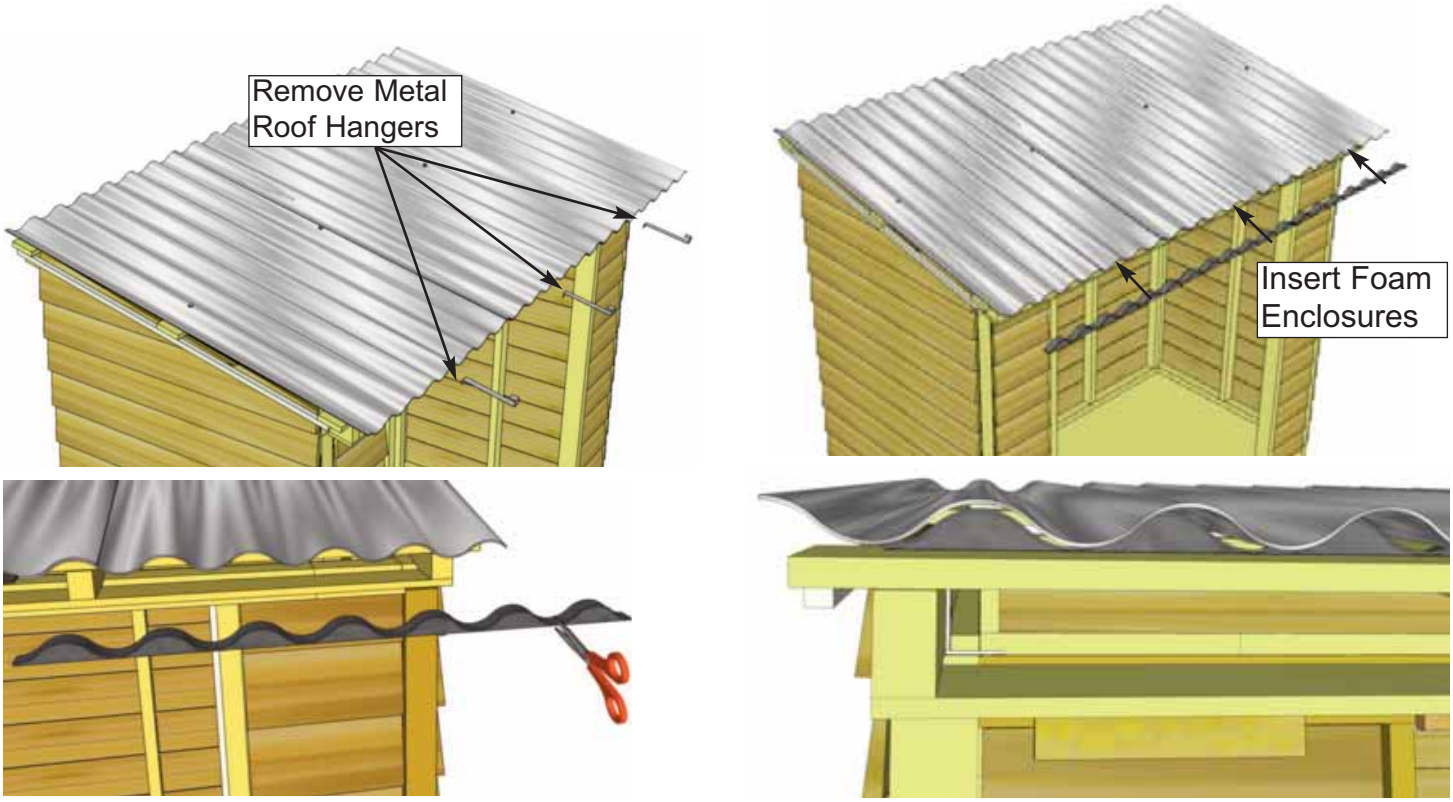
D8. Adjust the position of remaining **Metal Roof Panels** on **Battens** as per **Step D7**. Overlap **Metal Roof Panels** to achieve the desired overall width. Overall width past the end of **Battens** can vary from 1” - 3”, depending on your personal preference.



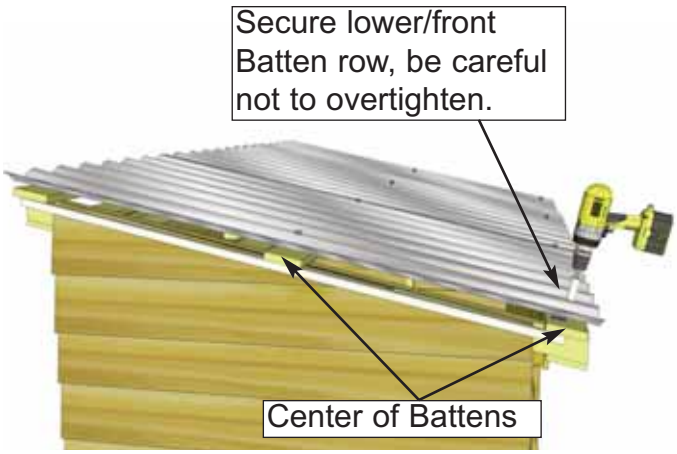
D9. Once Metal Roof is spaced correctly from side-to-side and top-to-bottom, lift panels up and run a bead of caulking down the overlapping seams of each panel to seal the joints. You will likely need assistance from a helper in this step.

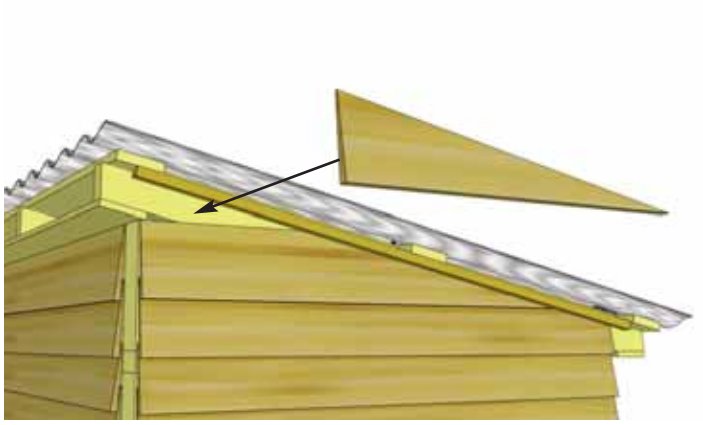


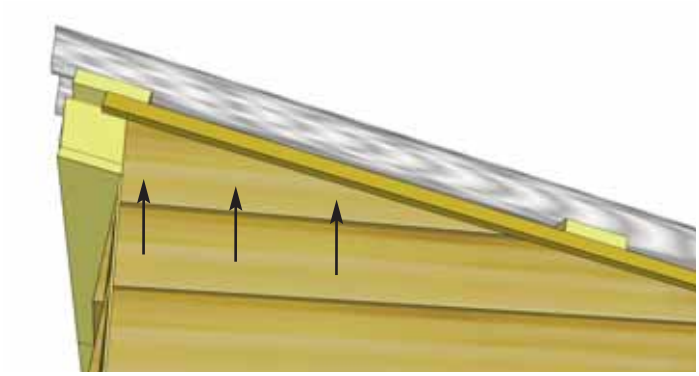
D10. Using **4 - 1 1/2" Metal Screws** and **1/4" Nut Driver** (included), secure **Metal Roof Panels** down to the middle **Batten** row. Metal screw is self-tapping, screw into the center of Battens. Eight more **1 1/2" Metal Screws** will be required to further secure **Metal Roof Panels** and to complete **Metal Ridge Caps** in later steps.



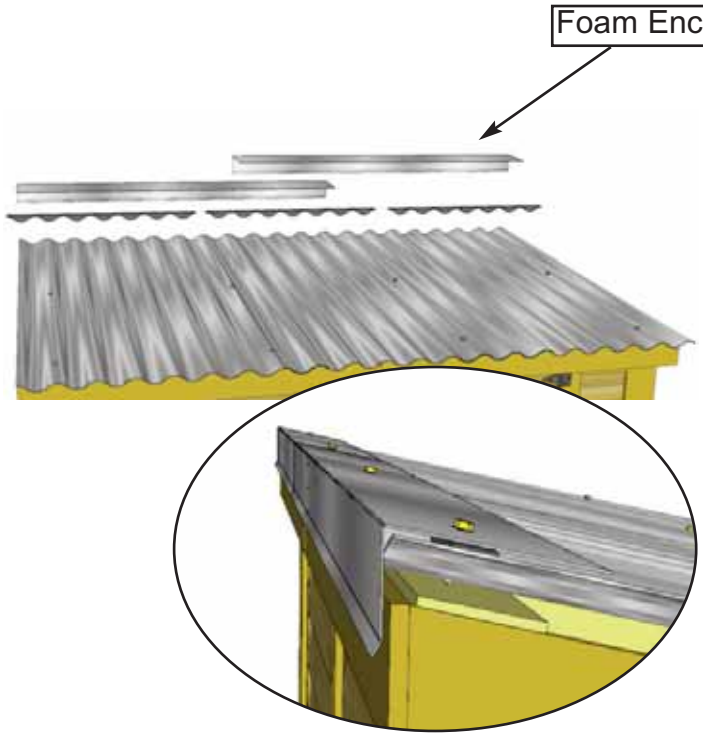
D11. Remove the **Metal Roof Hangers** and insert 3 pieces of **Foam Enclosures** between **Metal Roof Panels** and **Battens** at the front/bottom. Enclosures may need to be snipped down in length to fit. Enclosures will prevent moisture and unwanted bugs, etc from entering your shed from here.

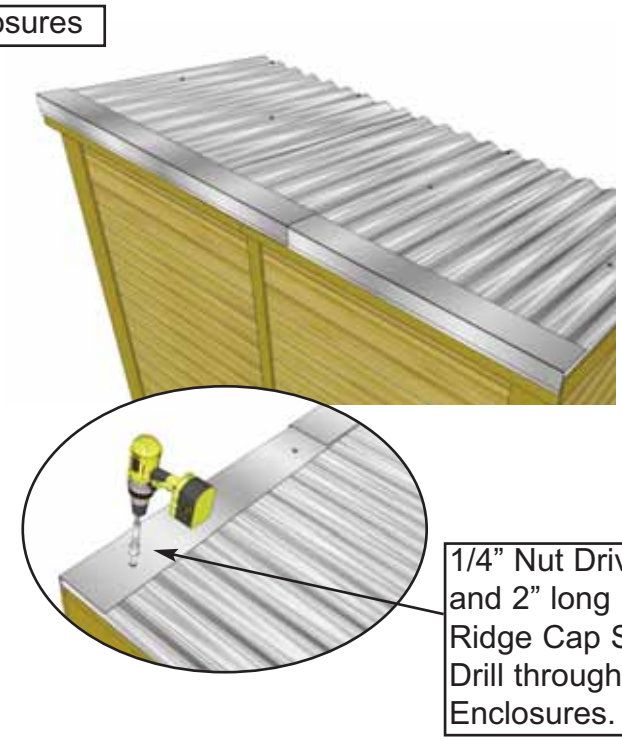






D12. Using **4 - 1 1/2" Metal Screws** and **1/4" Nut Driver**, secure **Metal Roof Panels** down to lower/front **Batten** row. Do not overtighten! Locate **Top Siding Piece for Angled Wall Extender (L/R)**. Position top siding on wall extender and align as shown above. Attach with **3 - 1 1/2" Finishing Nails** to top wall framing. There are left/right top siding pieces. Use rough surface side out.



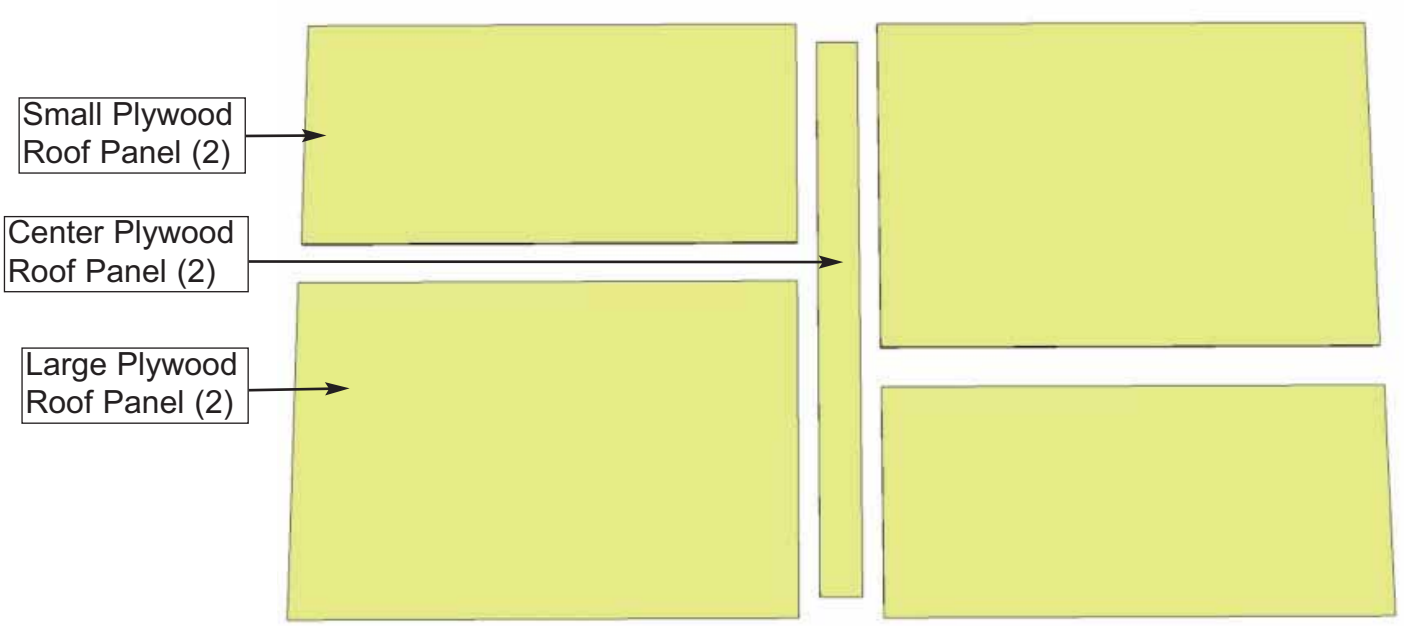


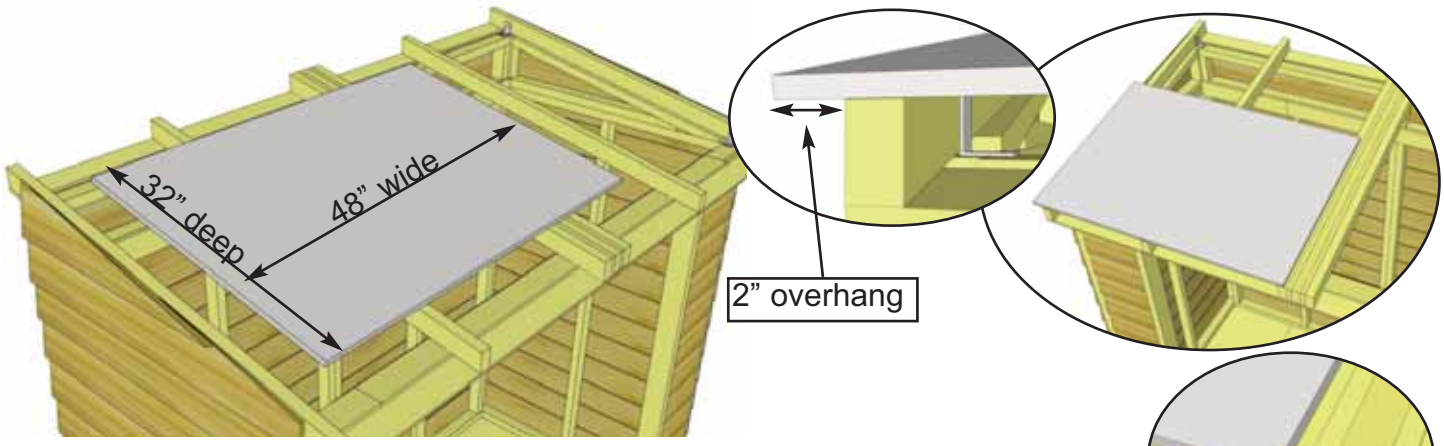
D13. Place **Metal Drip Caps (2 pieces - 60" long)** on top of metal roof at rear. Insert 3 pieces of **Foam Enclosures** underneath metal drip caps and on top of metals roof panels. Enclosures may need to be snipped down in length to fit. Evenly space from side-to-side allowing caps to overlap each other. Overhang the cap approximately 1" past each end. When ridge cap is correctly positioned, secure with **4 - 1 1/2" Self Tapping Metal Screws** using 1/4" Nut Driver as per **Step D10**. Screw into to top batten. Do not overtighten.

D. Roof Section - PLYWOOD

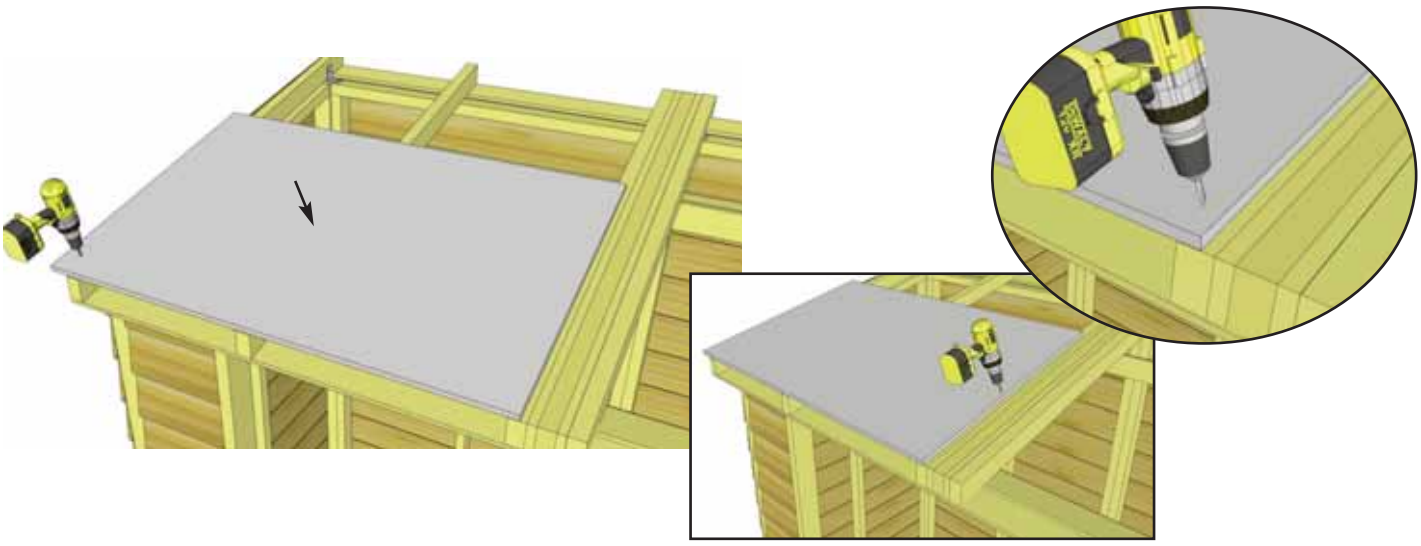
Exploded view of all parts necessary to complete the Rafter and Roof Section. Identify all parts prior to starting.

Roof Section will be installed the same way for both GardenSaver and SpaceSaver. When following assembly steps keep your desired roof slope in mind relative to the door.

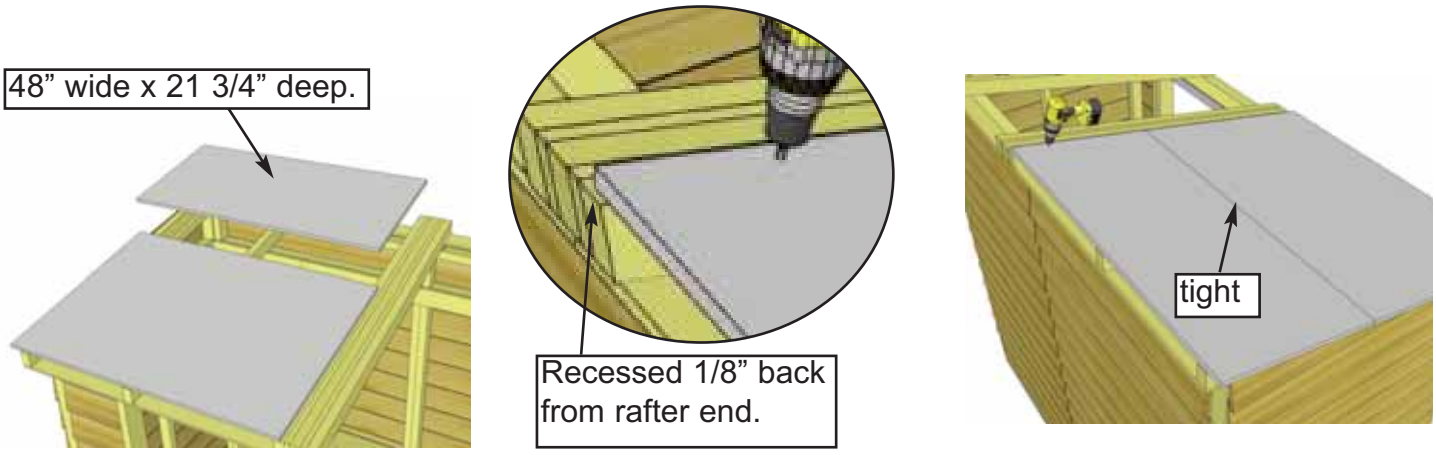




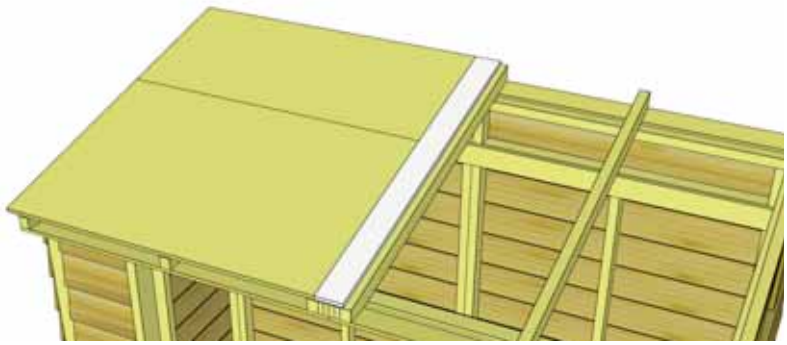
D1. There are 3 different plywood roof panel sizes required to complete roof.
48" wide x 32" deep x 2 pcs.
48" wide x 21 3/4" deep x 2 pcs.
4" wide x 53 3/4" deep x 1 pc.
Starting with front left, position a 48" wide x 32" deep panel on rafters. Plywood will overhang outside rafter by 2". In the front, plywood will be recessed 1/8" back from rafter end.



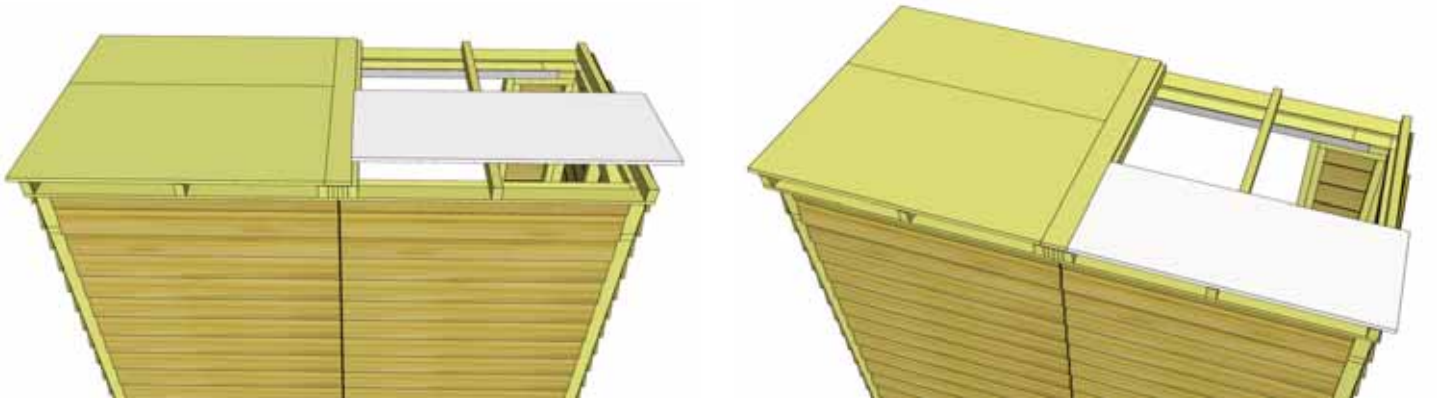
D2. With panels positioned correctly, attach to rafters with **12 - 1 1/4" Screws**. Before attaching screws pre-drill pilot hole with 1/8" bit to prevent rafters from splitting. Start screws 1" away from edge of roof panel, then space screws approximately 10" apart. Be sure to attach screws into center of rafters as shown above.



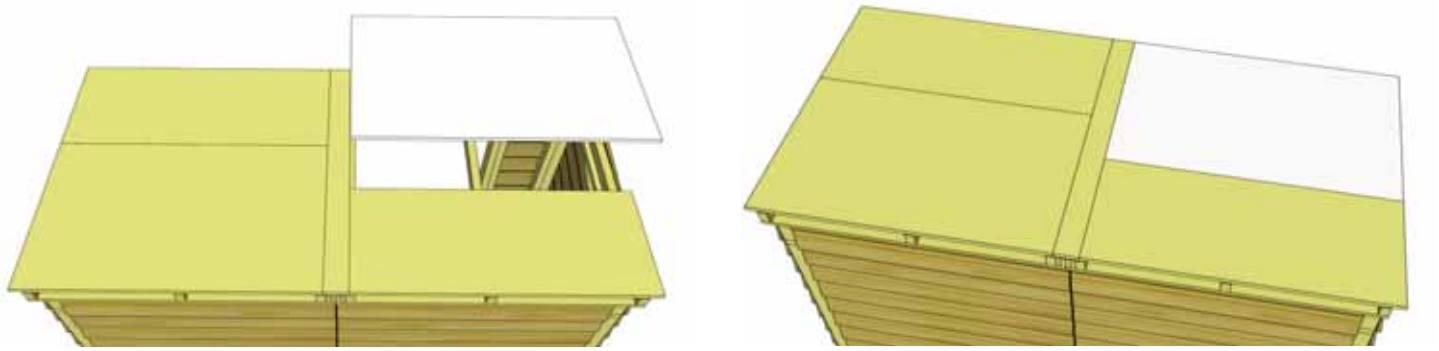
D3. Locate **Short Plywood Roof Panel** (48" wide x 21 3/4" long) and position on rafters tight against large roof panel. Position with same side overhang. Once positioned attach with **9 - 1 1/4" Screws**. Pre-drill pilot holes and drill into center of rafter. Start screws 1" from edge of roof panel and space approximately 10" apart.



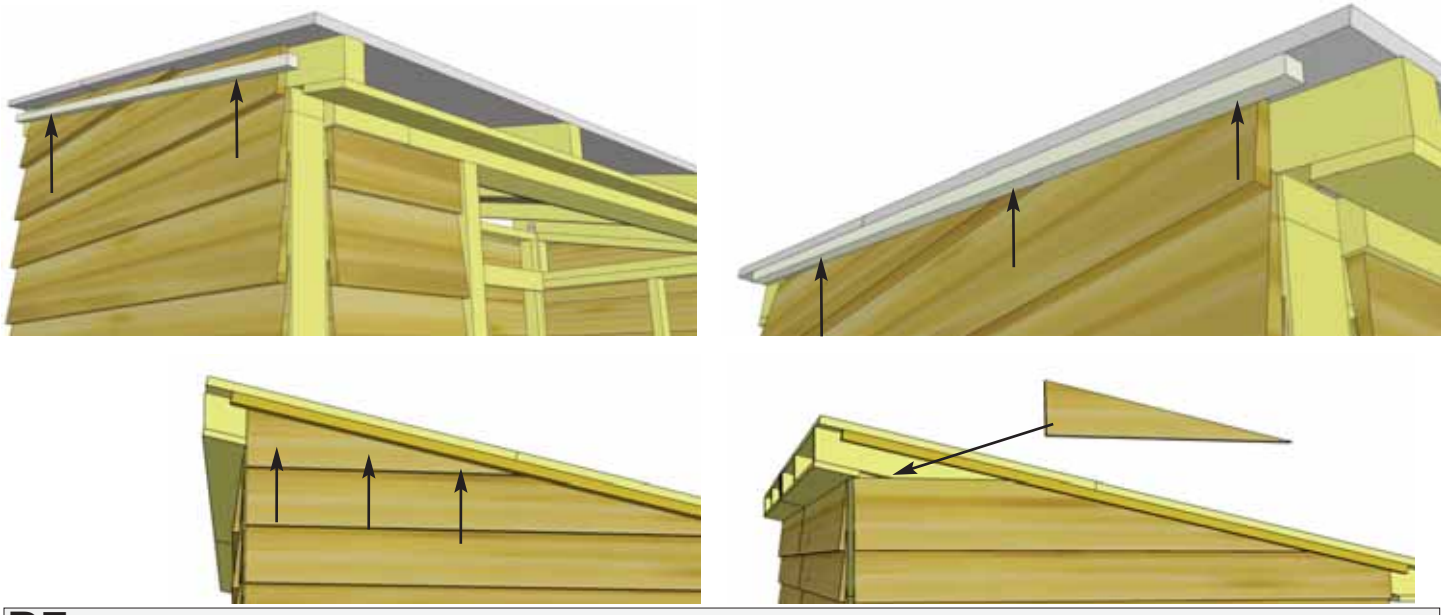
D4. Locate **Center Plywood Roof Panel**. Place Center Roof Panel on rafters tight to previous two panels. Secure center roof panel with **6 - 1 1/4" Screws** into center rafter as per **Steps D2 - D3**.



D5. Locate second **Small Plywood Roof Panel**. Position on rafters on rear of shed. Attach to rafters with **9 - 1 1/4" Screws** as per **Step D3**.



D6. Locate second **Large Plywood Roof Panel**. Position on rafters on rear of shed. Attach to rafters with **12 - 1 1/4" Screws** as per **Step D2**.



D7. Center **Rafter/Facia Nailing Plates** (2) (3/4" x 3/4" x 51") onto outside of each plywood panel flush on edge. Attach with **4 - 1 1/4" Screws** evenly spaced. The Rafter/Facia Nailing Plate provides for a greater nailing surface later when you attach side facia. Locate **Top Siding Piece for Angled Wall Extender (L/R)**. Position top siding on wall extender and align as shown above. Attach with **3 - 1 1/2" Finishing Nails** to top wall framing. There are left/right top siding pieces. Use rough surface side out.

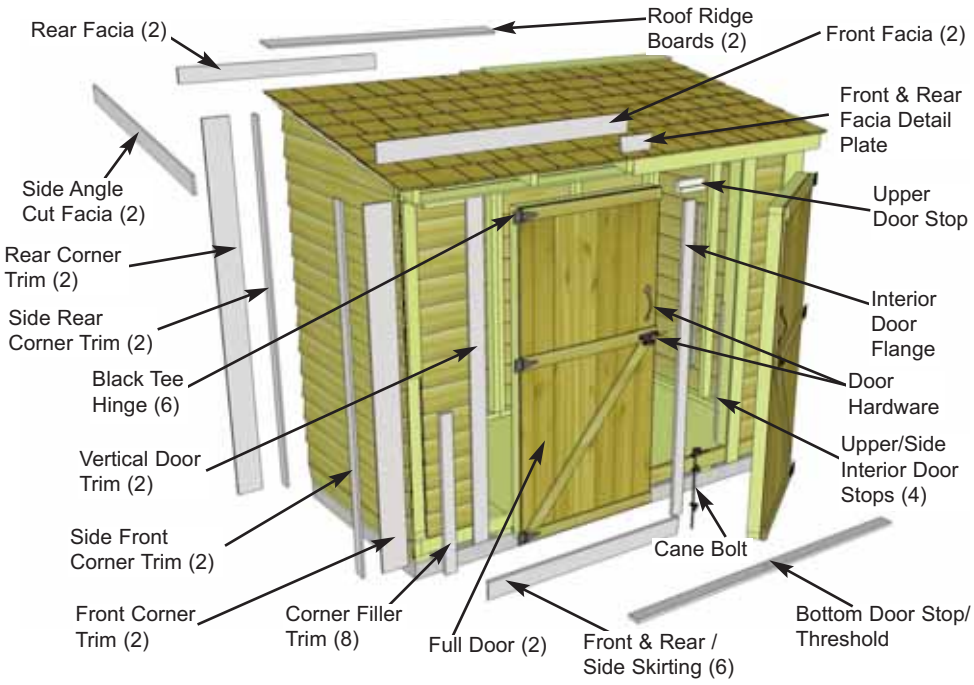
E. Miscellaneous Section

Exploded view of all parts necessary to complete the Skirting, Trim, Facia and Miscellaneous Pieces. Identify all parts prior to starting.

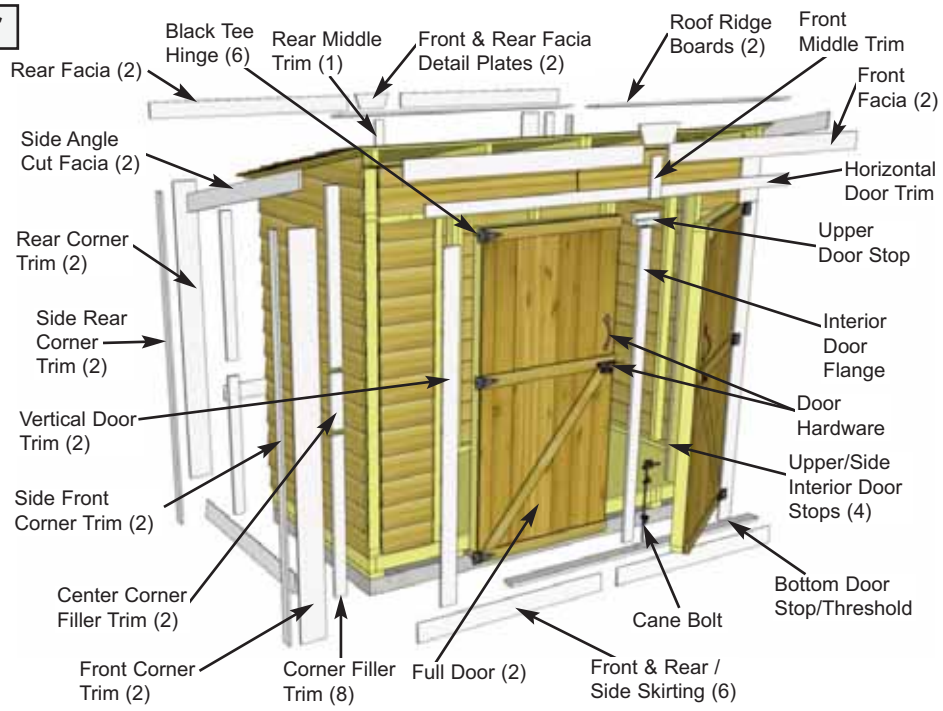
(Not Shown: Door Stops, Flange, Threshold, Rear Trim, Horizontal Door Trim and Roofing Felt)

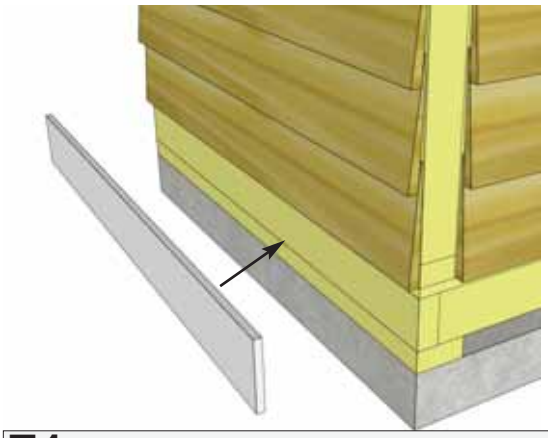
Misc. Section will be installed the same way for both GardenSaver and SpaceSaver. When following assembly steps keep your desired roof slope in mind relative to the door.

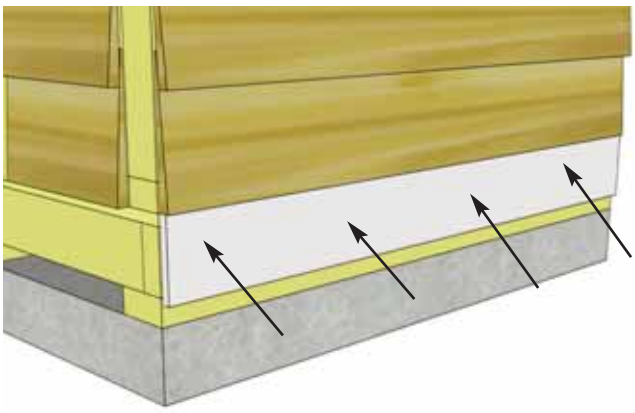
SpaceSaver



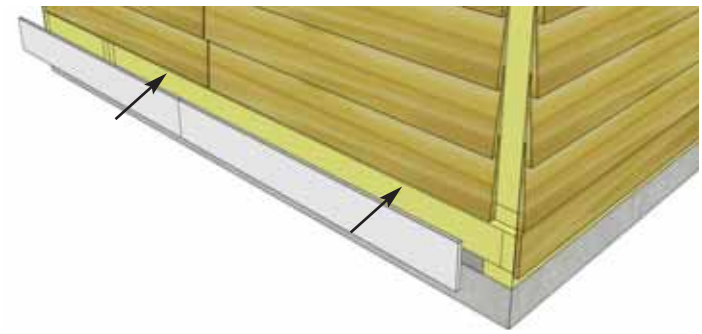
GardenSaver

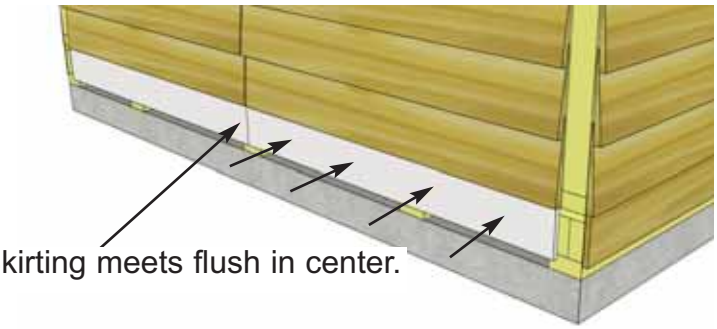




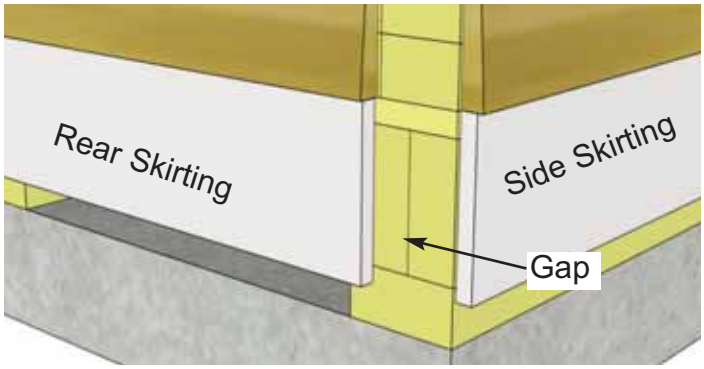


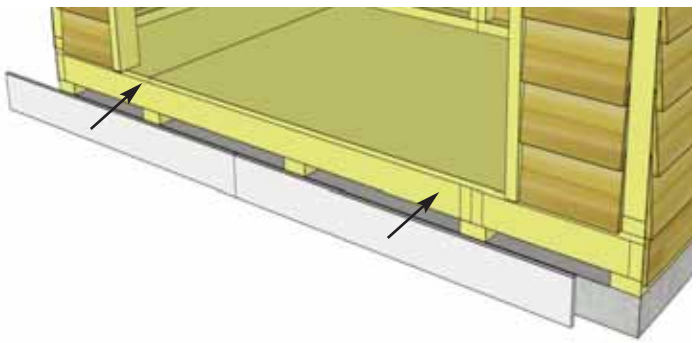
E1. Attach **Bottom Skirting** (1/2" x 4 1/2" x 45 1/4") around the base of the shed. Skirting will hide floor framing. Start with side skirting pieces first and attach with **4 - 1 1/2" Finishing Nails** per piece.



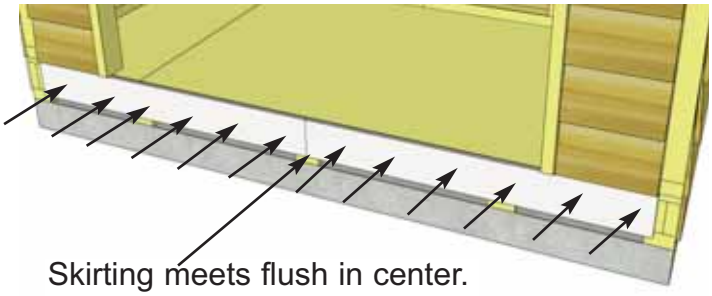


E2. Rear skirting pieces will meet together in the center. Secure with **4 - 1 1/2" Finishing Nails** per piece.



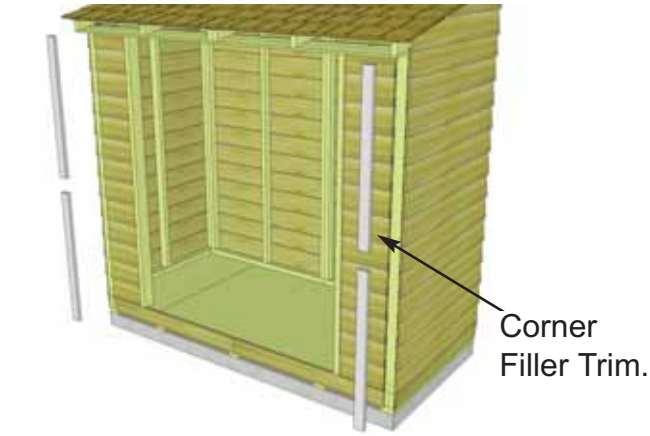


E3. Gaps on outside will be covered by Corner Trim pieces later. Complete front skirting attachments.

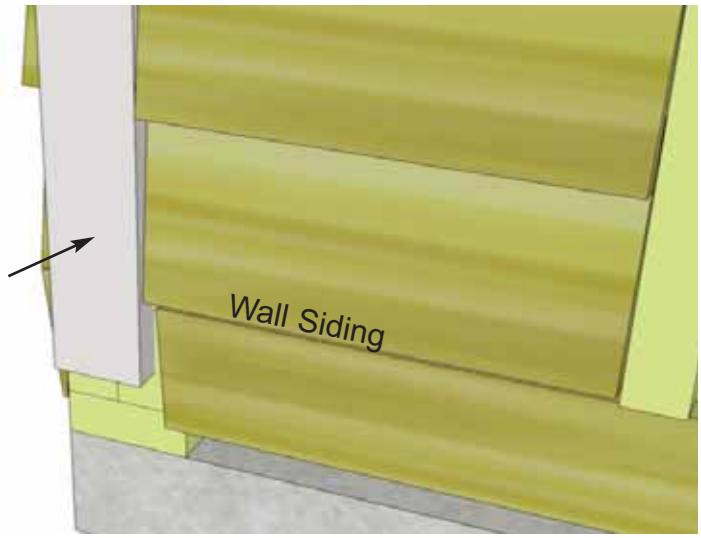


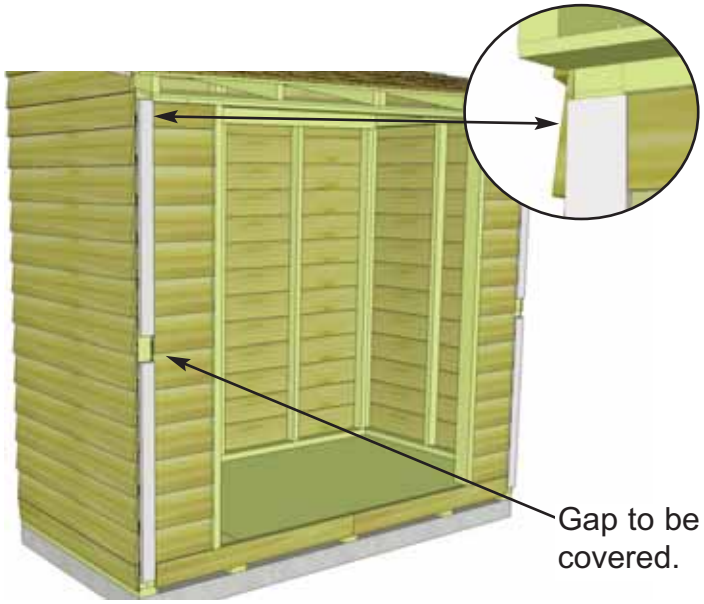
E4. Use **6 - 1 1/2" Finishing Nails** on front skirting piece where doors will be installed. This ads extra support to a high traffic area.

E5. Check the wall seams for visible gaps prior to attaching filler trim and apply caulk where needed. Caulking gaps will help prevent moisture from entering and will help the longevity of your shed. **Caulking not included in kit.**

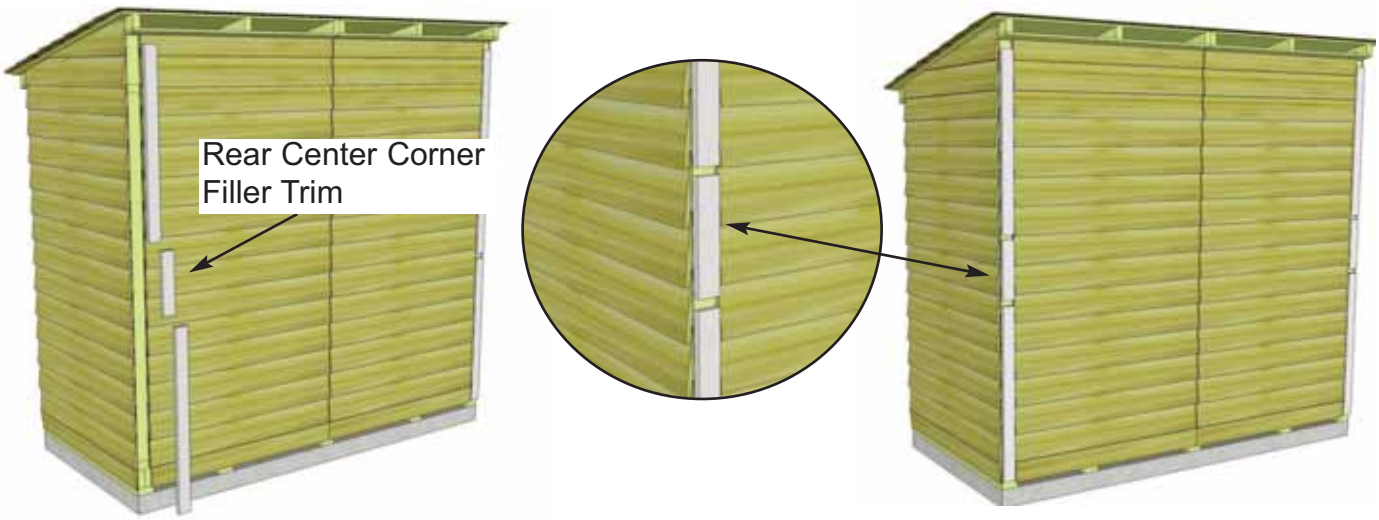


E6. Locate **Corner Filler Trims** (8 - 7/8" x 2 1/2" x 36") Fillers are essentially nailing strips and will not be visible once additional corner trims are attached later.

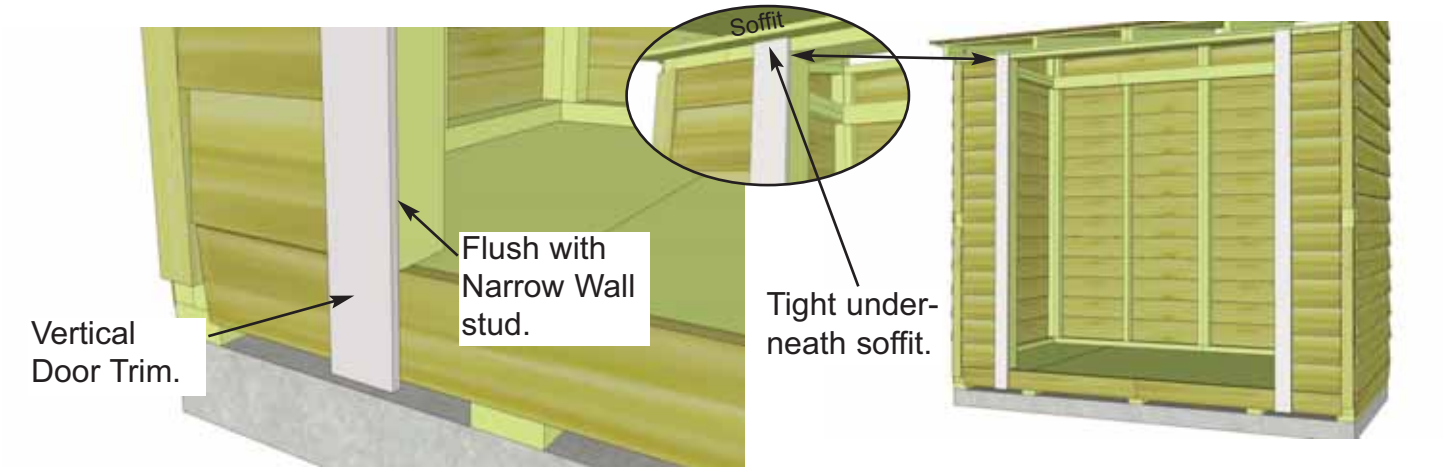




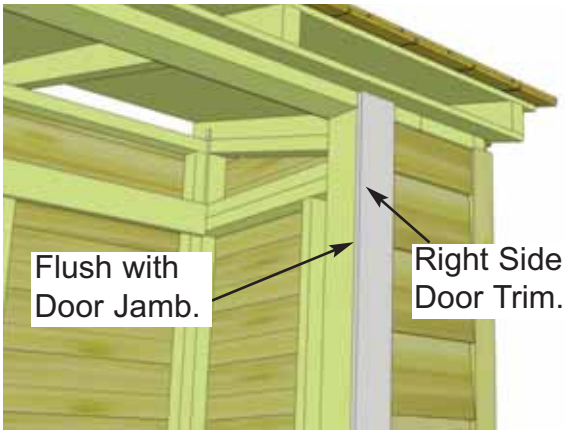
E7. Attach **Corner Filler Trims** where gaps exist in front corners (2 per side). Hammer with **8 - 1 1/2" Finishing Nails.** Position bottom filler just below wall siding. Top filler just below soffit. Gap in middle.



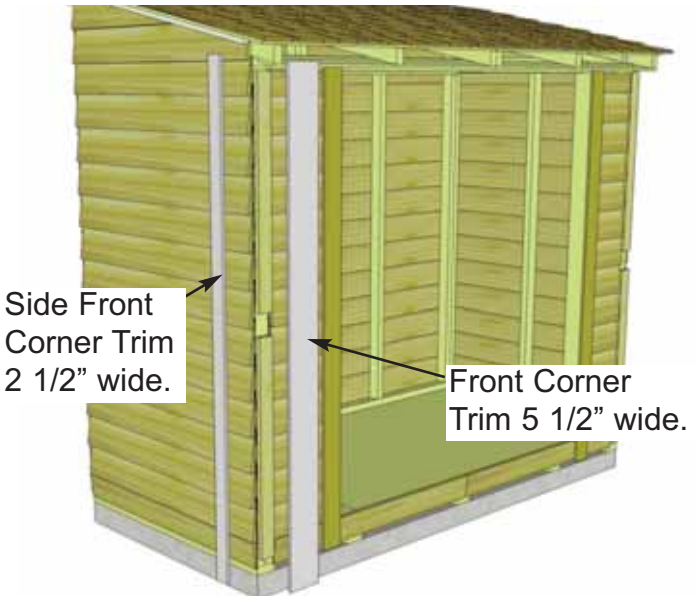
E8. Position and attach Corner Filler Trims in the rear as per **Step E7.** There is an additional 10" long **Rear Center Corner Filler Trim** that you will need to center and attach as well using **2 - 1 1/2" Nails.**

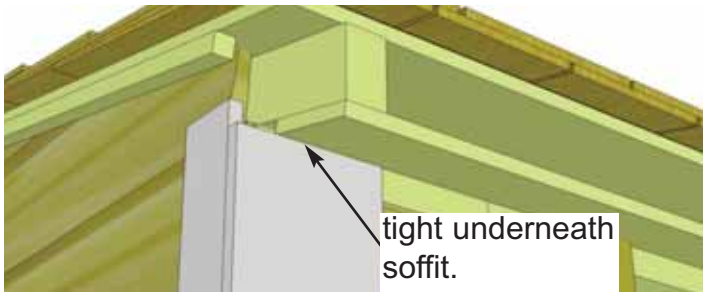


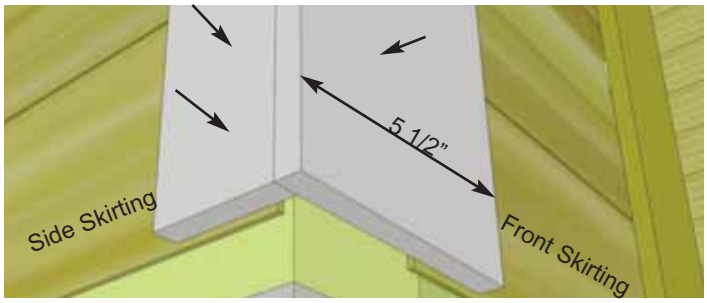
E9. Locate **Vertical Door Trim** (2 - 1/2" x 3 1/2" x 79"). Position Door Trim flush with outside of narrow wall stud. Trim should be aligned tight underneath Soffit. Attach with **8 - 1 1/2" Finishing Nails.**



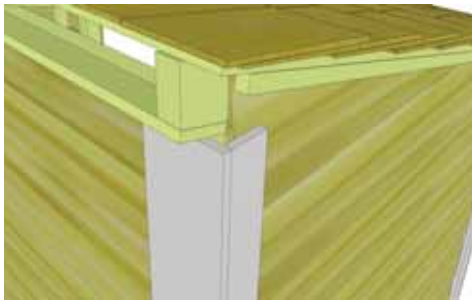
E10. Position and attach opposite side Door Trim as per **Step E9.**







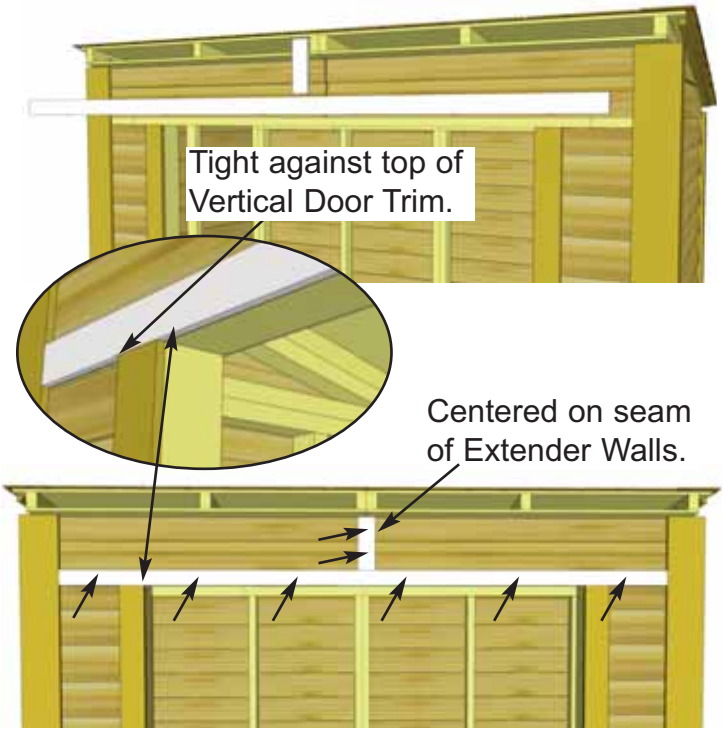
E11. To completely trim out front corners, locate a **Side Front Corner Trim** (1/2" x 2 1/2" x 80") and a **Front Corner Trim** (1/2" x 5 1/2" x 79"). Refer to Horizontal Door Trim in **Step E14** as a guide for positioning the Vertical Corner Trim. Place both trims in front corner and align as illustrated above. Do a dry run prior to attaching to achieve best fit. Start with 5 1/2" wide Front Corner Trim and align tight underneath soffit to determine vertical height. Attach with **8 - 1 1/2" Finishing Nails** per piece. Position and attach Side Front Corner Trim (2 1/2" wide) using **8 - 1 1/2" Finishing Nails**, aligning at bottom with wide trim.



E12. To completely trim out rear corners, locate **Side Rear Corner Trims** (1/2" x 2 1/2" x 88 3/4") and **Rear Corner Trims** (1/2" x 5 1/2" x 88 3/4"). Align and attach as per **Step E11**.

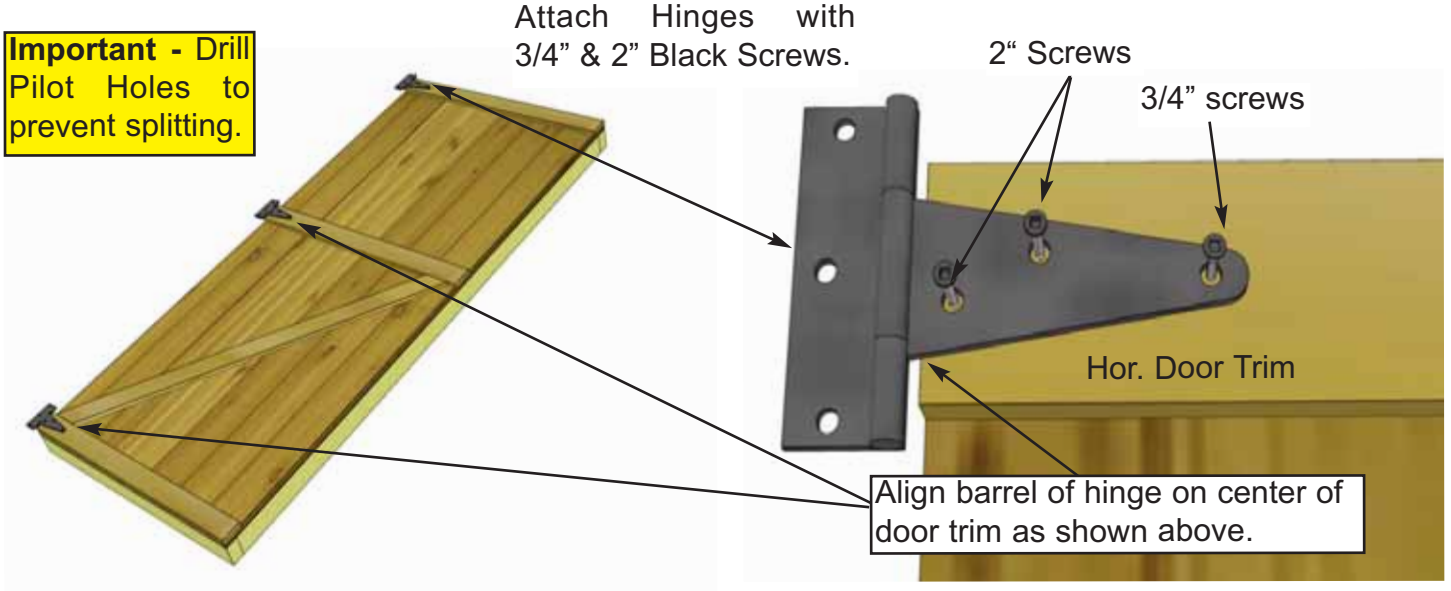
E13. Attach **Rear Middle Trim** (1/2" x 2 1/2" x 88 3/4") where wall panels come together at rear seam. Attach with **8 - 1 1/2" Finishing Nails** aligning tight underneath soffit and center on seam.

E14. To trim out door, locate **Horizontal Door Trim** (1/2" x 1 1/4" x 64") and both **Horizontal Narrow Wall Trims** (1/2" x 2 1/2" x 8 1/2"). Position as shown above and attach with **1 1/2" Finishing Nails.**



E14. Locate **Horizontal Door Trim** (1/2" x 2 1/2" x 88 1/4") and **Front Middle Trim** (1/2" x 2 1/2" x 8 5/8"). Position as shown above and attach with **1 1/2" Finishing Nails.**

Important - Drill Pilot Holes to prevent splitting.

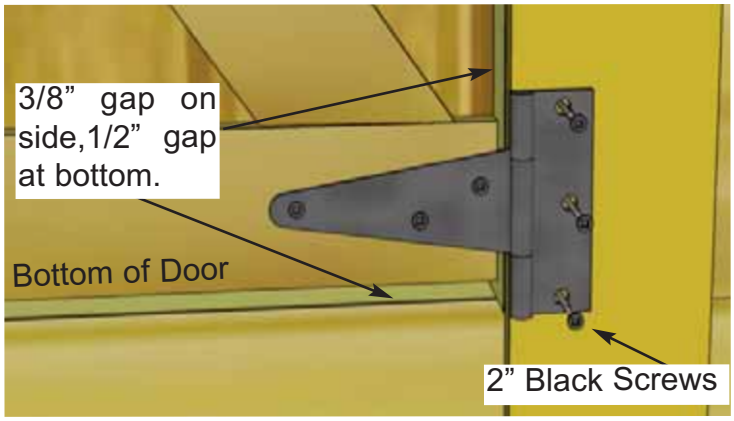


E15. Attach Door Hinges to both **Left** and **Right Side Double Doors**. Position Hinges equally on door trim as shown above and attach with Black **3/4" and 2" Screws.**

Hint: Use Shim Shingle or extra piece of siding to help space Doors at top and bottom.

E16. With Hinges attached, position doors in opening. You will need some assistance to hold doors in place.

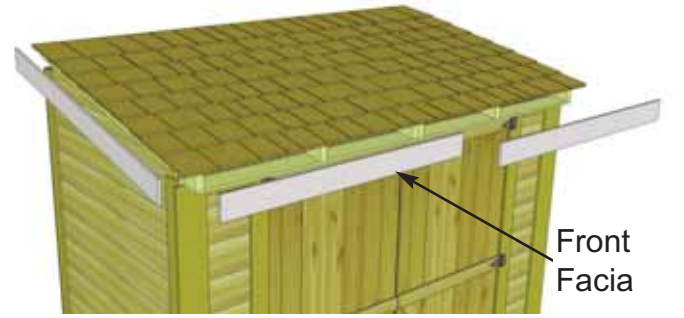
Important - Drill Pilot holes to prevent splitting.

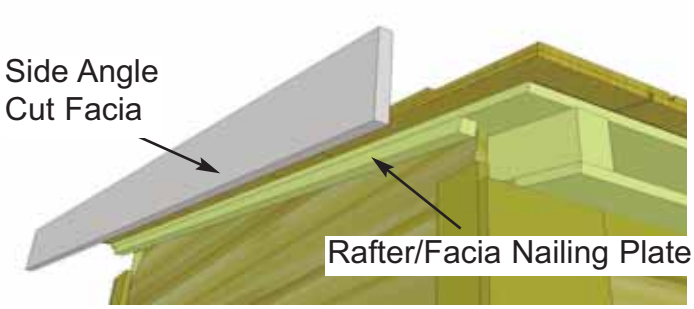


E17. Now secure the Double Doors. Starting with **Right Side Door**, position so there is a 1/2” gap on bottom, and approximately 3/8” on the side. Use a spare piece of siding or shingle to shim door in place at the bottom. Using **2” Black Screws**, secure bottom hinge to Door Trim. **Hint:** Do not attach all the 2” screws until both doors are positioned correctly. You can use a Screw Driver to tighten screws completely so you don’t over tighten.

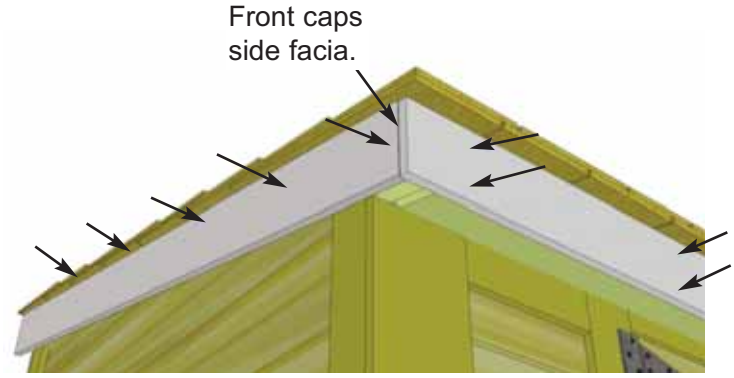
E18. Make sure Door Panel is aligned evenly at top and edge. When aligned correctly, attach top and middle hinges to narrow trim with **2” Black Screws.**

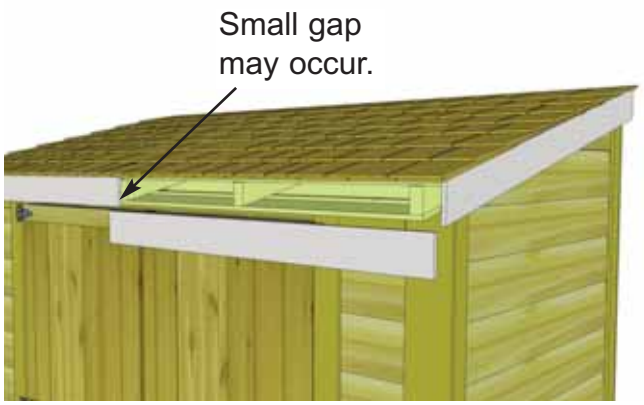
E19. Place second Door into position and attach as per **Step E17**. Make sure Doors can open and shut correctly prior to completely securing all hinge screws.



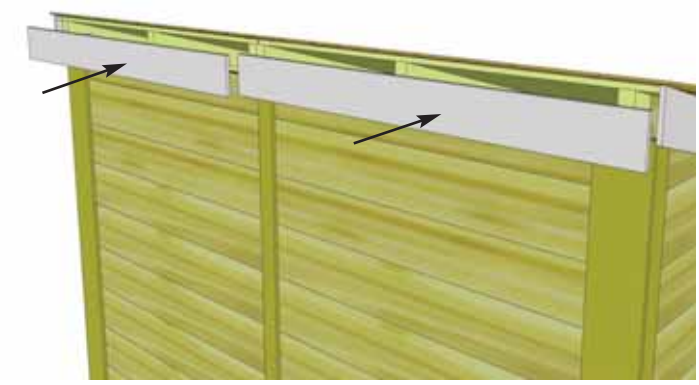


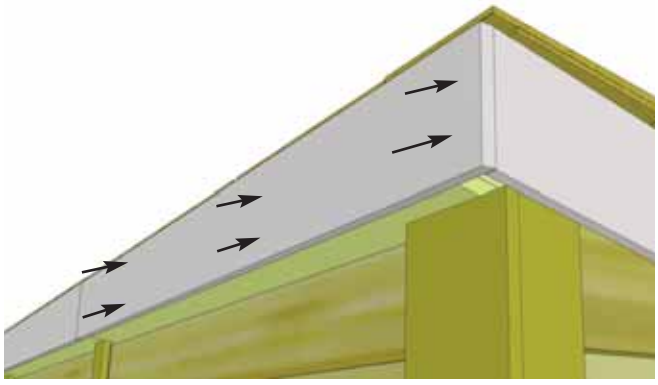
E20. Locate and identify all Facia pieces: **Front & Rear Facia (4)** (1/2" x 4" x 50 1/2"). **Side Angle Cut Facia (2)** (1/2" x 4" x 54 1/8"). In front corner**,** align side and front Facia together**.** Front facia will cap side facia**.**



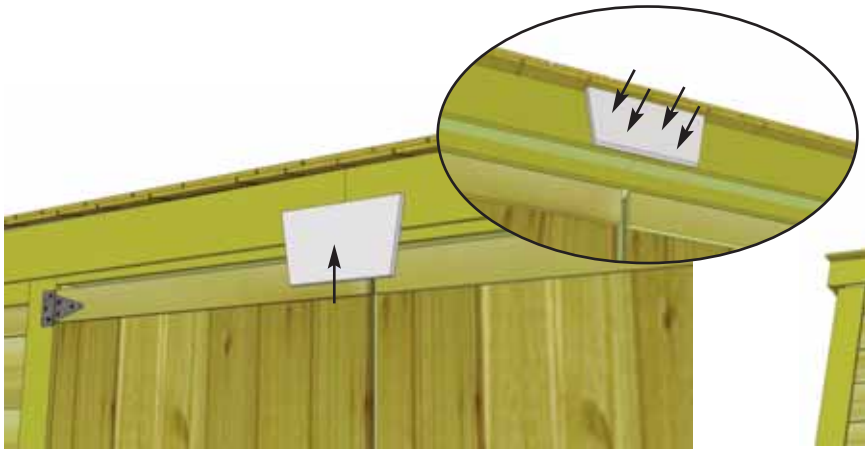


E21. Do a dry run first before securing. Position Front Facia up underneath roof panel and against rafter ends. Have your helper hold in position. Place angle cut Side Facia underneath roof panel against Rafter/Facia Nailing Plate. Align so Front Facia caps Side Facia and then attach the front with **6 - 1 1/2" Finishing Nails.** Attach side with **5 - 1 1/2" Nails** securing them into the nailing plate (closer to the top of the side facia board). Attach next piece of Front Facia. **Note:** With Front Facia correctly aligned at corners, a small gap may occur at center seam. This will be covered by Facia Detail Plate in **Step E23.**

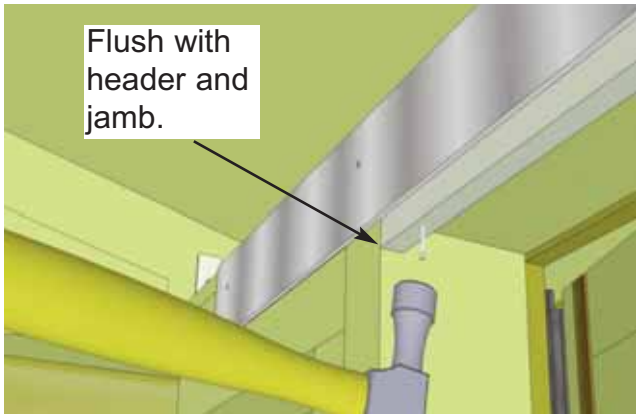




E22. Place and align rear and side facia for best possible fit with rear caping side facia. Attach facia to rafter ends with **6 - 1 1/2" Finishing Nails** per piece. Complete both rear facia pieces.

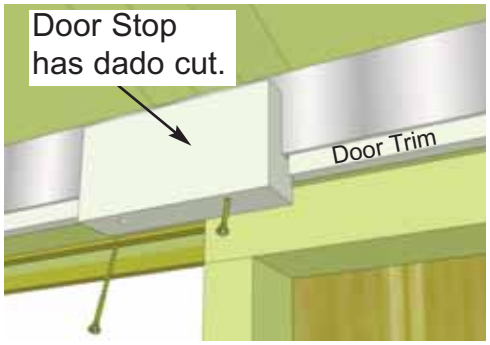


E23. Attach **Facia / Detail Plates** to cover seams where Front and Rear Facia pieces come together. Secure with **4 - 1 1/2" Finishing Nails** per piece.

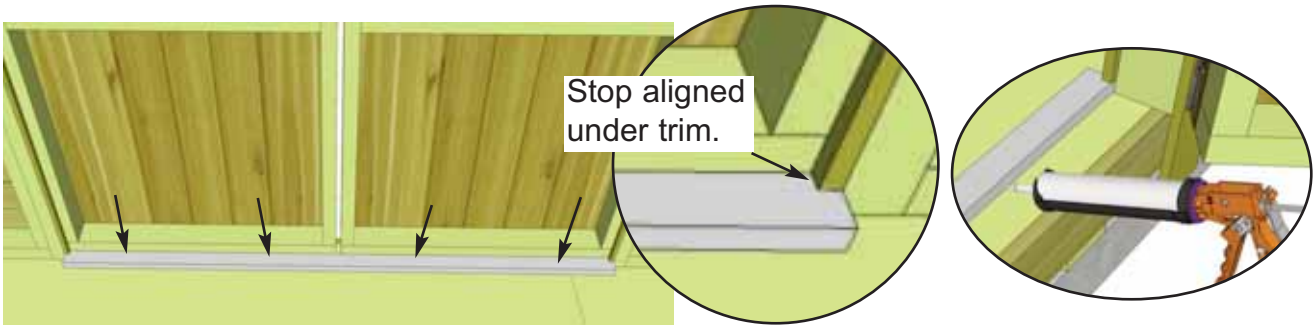


E24. Attach **Upper Interior Door Trim (2)** (1/2" x 1/2" x 28 7/8") positioning 1st trim against door jamb and underneath door header flush to edges on inside as shown to the right. Attach with **4 - 1 1/2" Finishing Nails.**

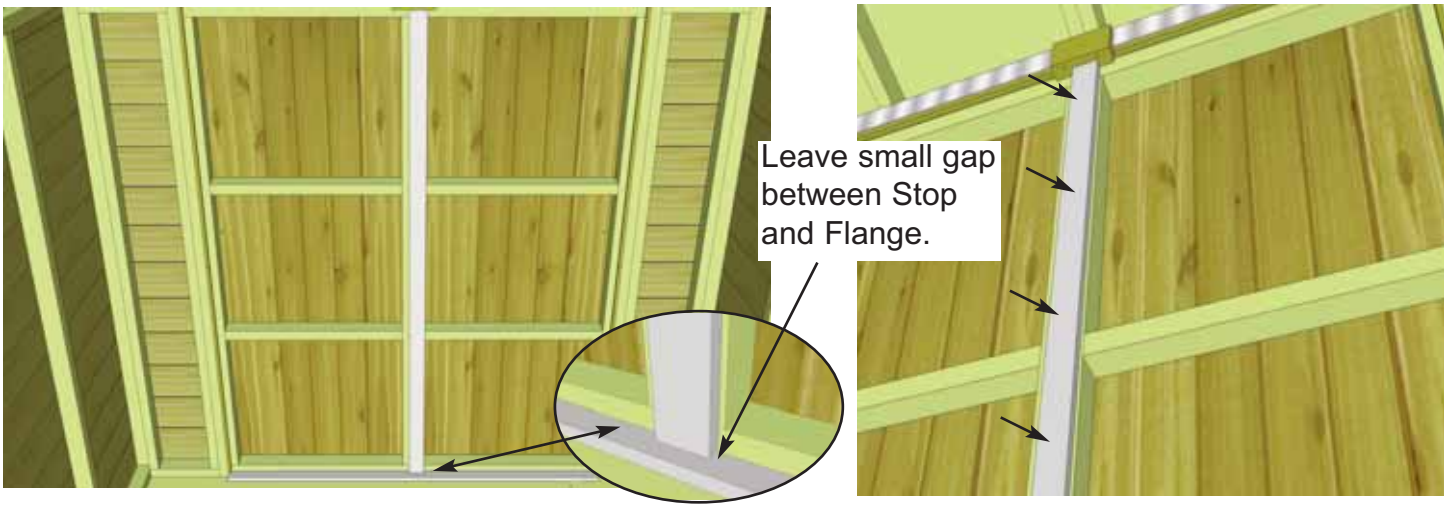
E25. Attach 2nd upper interior door trim as per **Step E24**. Position and attach all **Side Interior Door Trim (4)** (1/2" x 1/2" x 35 7/8") 2 per/side. Position against door jamb and underneath upper door trim. Attach with **4 - 1 1/2" Finishing Nails.** Complete lower interior door trim and both side interior trims on other side.



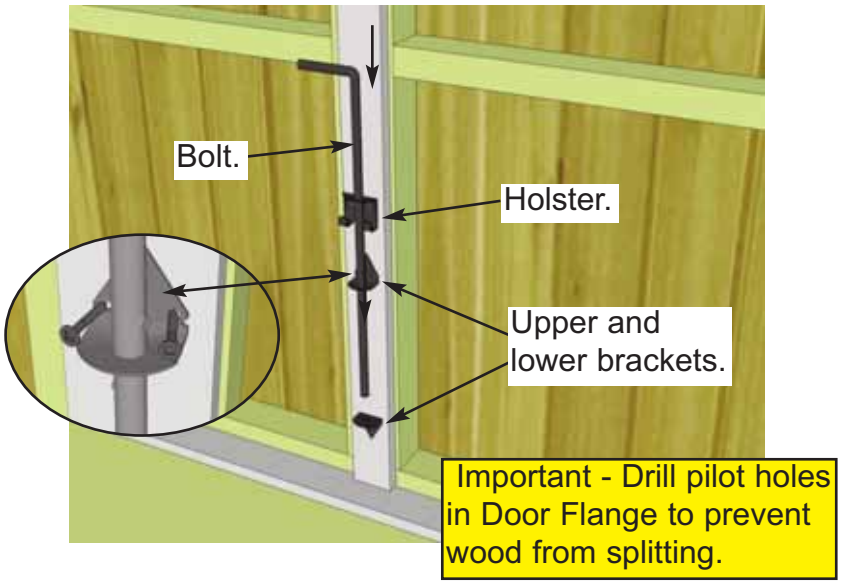
E26. Attach **Upper Door Stop - dado cut** (1 1/2" x 2 1/2" x 6") underneath door header with **2 - 2 1/2" Screws.** Stop is pre-drilled on angle. Evenly space between trim.



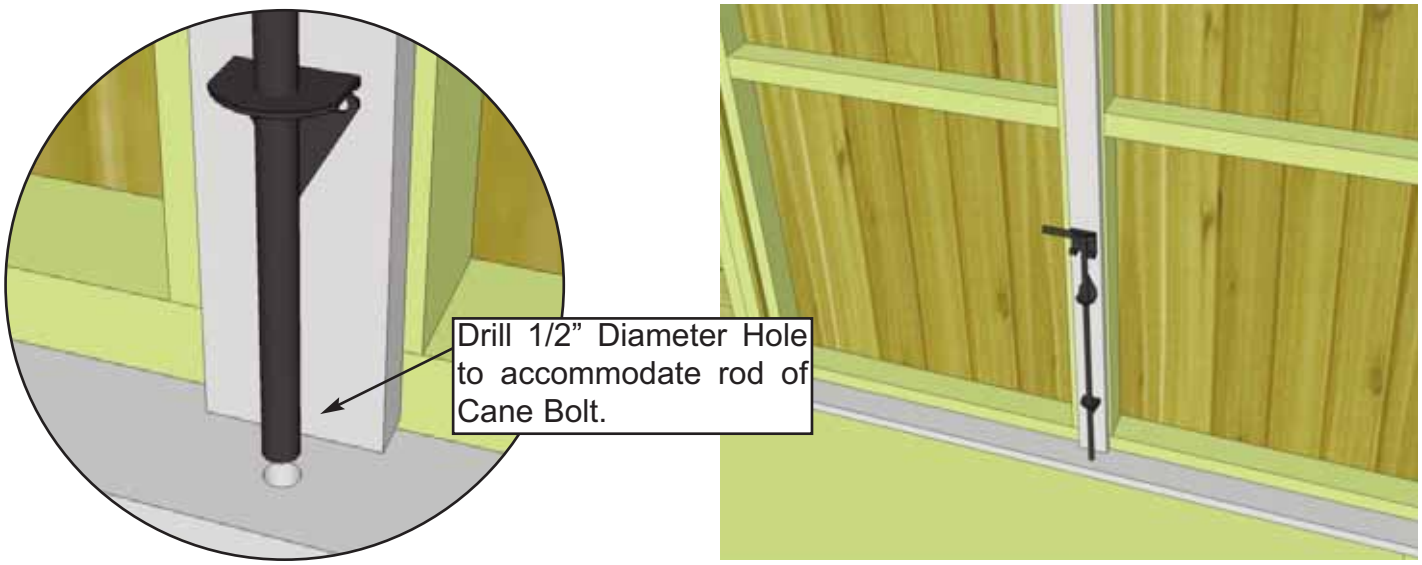
E27. Attach **Lower Door Stop /Floor Threshold** (3/4" x 2 1/2" x 64") - between door jambs. Check door alignment first and then attach with **4 - 1 1/4" Screws.**
Optional - caulk the lower edge of threshold to prevent water penetration.



E28. Position and attach **Interior Vertical Door Flange** (1/2" x 2 1/2" x 70") on inside door frame **(left door from outside/right from the inside)** using **6 - 1 1/4" Screws.** Position on inside edge of left door frame so Flange overlaps right door frame by about 3/4".

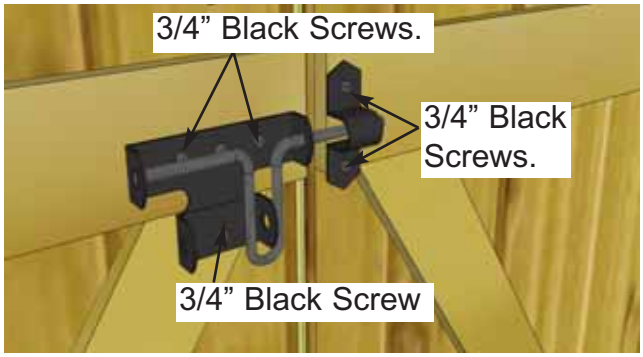


E29. To secure doors, you will need to install the **Interior Cane Bolt** to the Vertical Door Flange. First slide bolt through the upper and lower brackets. Usually the upper bracket is positioned between small nubs in the middle of the bolt. Use **3/4" Black Screws** to secure. Screw on angle and make sure you attach to door frame. Pre-drill to prevent wood from cracking. Attach the holster high enough up so the handle holds the bolt a few inches above the door stop.



E30. Once the Cane Bolt is attached, close doors and mark a hole in the stop to accommodate the bolt. You can bang the top of the bolt using a hammer and a block of wood to prevent damage. Once complete, open doors and drill hole where previously marked with 1/2” bit.

E40. Attach **Door Handles.** Handles are positioned on top section of each door and mounted with **3/4” Black Screws.**



E41. Attach Black Drop Latch as illustrated above with **3/4” Black Screws.** Note how female part of Drop Latch is positioned higher than male. Do a dry run first to position Drop Latch correctly. **Important** - Drill pilot holes with 1/8” drill bit prior to securing with screws to prevent wood splitting. On 3/4” screw, drill shallow pilot hole only.

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Note: Our Sheds are shipped as an unfinished product. If exposed to the elements, the lumber will weather to a silvery-gray color. If you prefer to keep the 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 shed rather than stain it. In both cases we recommend that you consult with a paint and stain dealer in your area for their recommendations.

Congratulations on assembling your 8x4 SpaceSaver!

We hope your experience constructing our **8x4 SpaceSaver** has been both positive and rewarding. We value your feedback and would like to hear back from you on how well we are doing in the following areas:

1. **Customer Service**
2. **On Time Shipping**
3. **Motor Freight Delivery**
4. **Quality of Materials**
5. **Assembly Manual**
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