

# 2.43m (8 ft) x 2.95m (9.7 ft) GREENHOUSE

Installation and Operating Instructions – YM12854



HEIGHT:  
2.45m / 8' 0.6"

IMPORTANT, RETAIN FOR FUTURE REFERENCE: READ CAREFULLY

06-14-2023

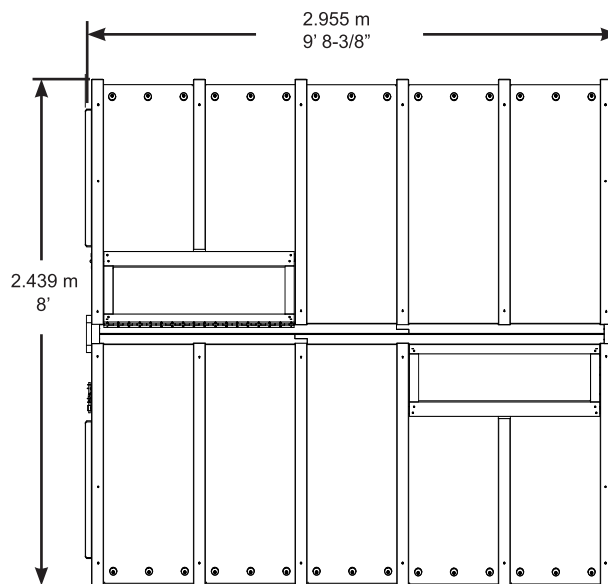
## YARDISTRY®

Yardistry – North America  
Toll Free Customer Support:  
1.888.509.4382

info@yardistrystructures.com  
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Regular Hours: Mon - Fri, 8:30 am - 5:00  
pm EST (excl. holidays)  
(For extended hours see our website)  
English and French Spoken

Patents Pending



## **Important Safety Notice!**

Yardistry components are intended for privacy, decorative and ornamental use only.

### **Product is NOT INTENDED for the following:**

- A safety barrier to prevent unsupervised access to pools, hot tubs, spas or ponds.
- As load bearing support for a building, structure, heavy objects or swings.
- Used in structures that trap wind, rain or snow that would create extra load on the product.

**DO NOT** climb or walk on roof for any reason.

**Permanent structures may require a building permit.** As the purchaser and or installer of this product you are advised to consult local planning, zoning and building inspection departments for guidance on applicable building codes and/or zoning requirements.

**Wood is NOT flame retardant and will burn.** Grills, fire pits and chimineas are a fire hazard if placed too close to a Yardistry structure. Consult user's manual of the grill, fire pit or chiminea for safe distances from combustible materials.

**Wear gloves to avoid injury** from possible sharp edges of individual elements before assembly.

**During installation, follow all safety warnings provided with your tools and use OSHA approved safety glasses.** Some structures may require two or more people to install safely.

**Check for underground utilities before digging or driving stakes into the ground!**

**During assembly it is important to closely follow the instructions.** Complete the assembly on a solid, level surface and follow the instructions to square up, level and anchor the structure. This will reduce the gaps at wood connections during assembly.

## **General Information**

**General Information:** Wood components are manufactured with C. Lanceolata which is protected with factory applied water-based stain. Knots, small checks (cracks) and weathering are naturally occurring and do not affect the strength of the product. Annual application of a water-based water repellent sealant or stain is important and will help reduce weathering and checks.

**[www.yardistrystructures.com](http://www.yardistrystructures.com)**

Questions?

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# Limited Warranty

Yardistry warrants that this product is free from defect in materials and workmanship for a period of one (1) year from the original date of purchase. In addition, for any product with lumber, all lumber is warranted for five (5) years against rot and decay. Polycarbonate panels are warranted for five (5) years against defect in materials and workmanship. This warranty applies to the original owner and registrant and is non-transferable.

Regular maintenance is required to assure the integrity of your product and is a requirement of the warranty. This warranty does not cover any inspection costs.

**This Limited Warranty does not cover:**

- Labour for replacement of any defective item(s);
- Incidental or consequential damages;
- Cosmetic defects which do not affect performance or integrity;
- Vandalism; improper use or installation; acts of nature, including but not limited to wind, storms, hail, floods, excessive water exposure;
- Minor twisting, warping, checking or any other natural occurring properties of wood that do not affect performance or integrity.

Yardistry products have been designed for safety and quality. Any modifications made to the original product could damage the structural integrity of the product leading to failure and possible injury. Yardistry cannot assume any responsibility for modified products. Furthermore, modification voids any and all warranties.

**This product is warranted for RESIDENTIAL USE ONLY. Yardistry disclaims all other representations and warranties of any kind, express or implied.**

*This Warranty gives you specific legal rights. You may have other rights as well which vary from state to state or province to province. This warranty excludes all consequential damages, however, some states/provinces do not allow the limitation or exclusion of consequential damages, and therefore this limitation may not apply to you.*

# Instructions for Proper Maintenance

Your Yardistry structure is designed and constructed of quality materials. As with all outdoor products it will weather and wear. To maximize the enjoyment, safety and life of your structure it is important that you, the owner, properly maintain it.

## HARDWARE:

- Check metal parts for rust. If found, sand and repaint using a non-lead paint complying with 16 CFR 1303.
- Inspect and tighten all hardware after completion of assembly; after first month of use; and then annually. Do not over-tighten as to cause crushing and splintering of wood.
- Check for sharp edges or protruding screw threads, add washers if required.

## WOOD PARTS:

- Applying a water repellent or stain (water-based) on a yearly basis is important maintenance to maintain maximum life and performance of the product.
- Check all wood members for deterioration, structural damage and splintering. Sand down splinters and replace deteriorated wood members. As with all wood, some checking and small cracks in grain is normal
- Some gapping may occur at some wood connections.

## POLYCARBONATE PANELS:

- Clean panels with mild soap and water using a soft cloth or sponge.
- Inspect silicone seal around each panel for separation. Reapply silicone seal as needed.

## SINGLE SPRING ALUMINUM WINDOW OPENER:

- At the end of the warm weather season the cylinder must be removed from the greenhouse and stored in a dry place.
- Lubricate the cylinder before re-installing each time.

## Assembly Guides

### Tools Required:

- |                              |                  |                  |
|------------------------------|------------------|------------------|
| • Tape Measure               | • Hard Hat       | • 6' Step Ladder |
| • Carpenters Level           | • Safety Glasses | • Square         |
| • Standard or Cordless Drill | • Adult Helper   | • Caulking Gun   |
| • Claw Hammer                | • Safety Gloves  |                  |

### Symbols:

Throughout these instructions symbols are provided in the top, right-hand corner of the page.



- Use Help, where this is shown, 2, 3 or 4 people are required to safely complete this step. To avoid injury or damage to the structure make sure to get some help.



- Use a measuring tape to ensure proper location



- Pre-drill a pilot hole before fastening screw or lag to prevent splitting of wood.

**If you dispose of your Yardistry structure:** Please disassemble and dispose of your unit so that it does not create any unreasonable hazards at the time it is discarded. Be sure to follow your local waste ordinances.

## Assembly Tips

Following are some helpful tips to make the assembly process smooth and efficient.

### PRE-ASSEMBLY:

- Work on a raised, solid and flat surface such as a table or saw horse.
- Keep all connections flush where shown in the instructions.
- When assembling, keep parts flat, straight and snug when connecting.

### POLYCARBONATE PARTS:

- Material may have sharp edges, wear safety gloves.
- Remove all plastic covering, on both sides of the polycarbonate panels, directly before installing each piece.
- Place polycarbonate parts on a non-abrasive surface before and after assembly as it can bend, dent and scratch easily.
- When standing on the outside of the unit, the notch in the polycarbonate panel needs to be on the bottom right-hand side.
- Remove protective film immediately before installing panels.

### TAPE:

- Do not substitute tape.
- Tape should be applied in temperatures above 10°C (50°F).

### SINGLE SPRING ALUMINUM WINDOW OPENER:

- Before installing, place black cylinder in the refrigerator for approximately 5-7 minutes or until cylinder rod has fully retracted.
- Automatic ventilation will not occur in temperatures above 50°C (122°F).
- The Aluminum Single Spring Window Opener is designed to automatically open and close with changes in temperature. It must not be opened or closed manually. Doing so will result in damage to the component.

### GUIDE SPACERS:

- Included to help align grooves in wood parts to properly install polycarbonate panels.

### WINTER AND HIGH WIND PREPARATION:

- Any accumulated snow must be removed from roof.

# Sealant Application Tips, Warning and First Aid Information

## SEALANT:

- All surfaces to be clean, dry, dust and grease free before application with temperatures above 5°C (41°F), no warmer than 35°C (95°F).
- Cut tip off sealant tube, attach supplied nozzle and use a caulking gun to apply small beads. See below images.
- Apply sealant in small beads and smooth as required.
- To smooth sealant into the joint use a glove covered finger, putty knife, etc. Smooth sealant to create a continuous water-tight seal.
- Clean excess with a cloth or paper towel before it skins over.
- An initial bond will set in approximately 20 minutes and fully set in 24 hours.

## WARNING:

- CAUSES SERIOUS EYE AND SKIN IRRITATION. Always wear safety glasses and rubber gloves when using product.
- KEEP OUT OF REACH OF CHILDREN.
- Prolonged or repeated exposure MAY CAUSE ORGAN DAMAGE. Provide ample ventilation.

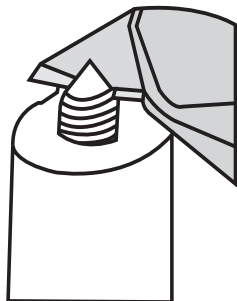
## FIRST AID:

- If ingested, DO NOT INDUCE VOMITING. Seek immediate medical attention.
- Eye contact: immediately flush eyes with water for at least 15 minutes. Remove contact lenses if present.
- Skin contact; wash thoroughly with soap and water. If eye/skin irritation persists or respiratory symptoms occur or develop, seek medical attention.

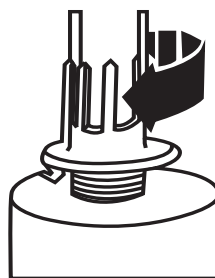
Use of this product can expose you to chemicals including Methanol, which is known to the State of California to cause birth defects and other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Dispose of contents and container in accordance with local regulations.

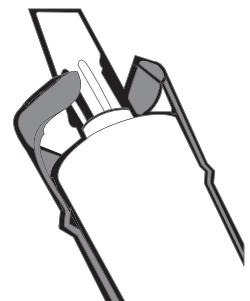
*Step 1: Cut off  
tip of tube*



*Step 2: Attached  
supplied nozzle*



*Step 3: Put tube  
in caulking gun*



# Structure Location Preparation

**Note: It is critically important you start with square, solid and level base to attach your Greenhouse.**

The hardware to mount the structure permanently will need to be purchased separately at your local hardware store.

Before preparing your surface for the structure please double check for possibility of any underground utilities such as gas, telephone, cable or sprinkler lines.

Choose a level piece of land with good drainage and lots of sunlight. Ensure it is easy to get around for essential cleaning and maintainance.

Remove any sod, grass, weeds, etc. from the area. Start with a packed and level dirt floor.

The recommended area for site preparation is 114-1/8" L x 90-3/4" W (2.898m L x 2.305m W) for this structure.

Refer to your local building and city codes, ordinances, neighbourhood covenants, or height restrictions regarding this type of structure for guidance on acceptable installation requirements.

Following are some examples of how to prepare the location for the structure.

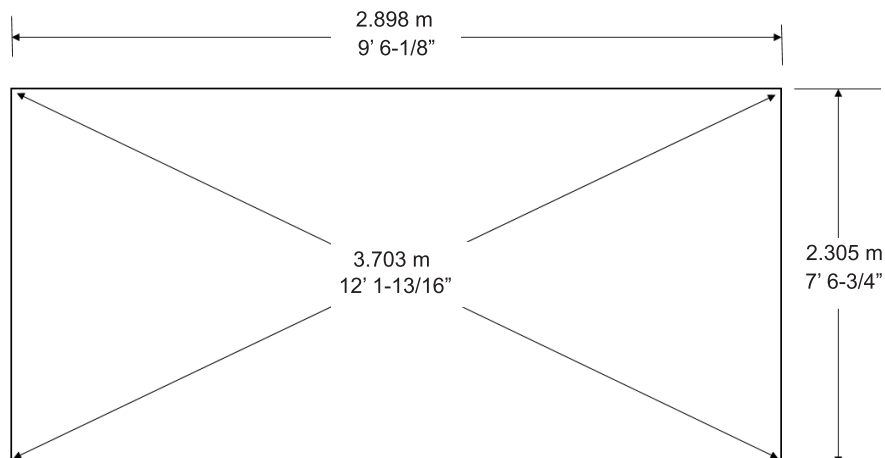
***If you are using a soft, natural base, the following will be needed:***

- Sand
- Landscape fabric
- 4 x 4 treated lumber for the base of the structure
- Hardware for attaching lumber together
- Hardware for mounting the structure to the lumber base
- Gravel
- Tie down kit

***If you are using a concrete foundation, the following will be needed:***

- Hardware for mounting the structure to the concrete base

Use the following dimensions for the concrete foundation.





# Part Identification ( Dimensions are approximate and are shown to assist in the identification of parts for assembly. Actual dimensions may be smaller or larger. )

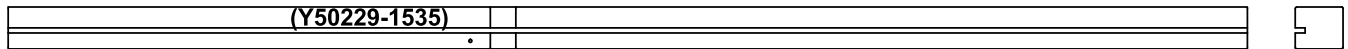
**2pc. (1108) - Left Post 1835.2mm (72-1/4") FSC**



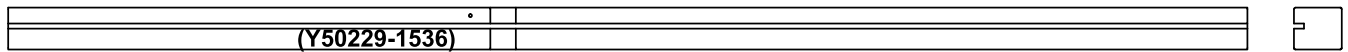
**2pc. (1109) - Right Post 1835.2mm (72-1/4") FSC**



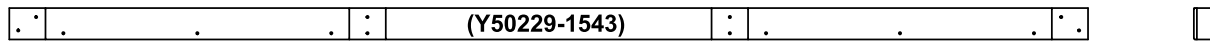
**1pc. (1535) - Door Post Left 1974.9mm (77-3/4") FSC**



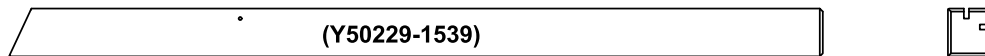
**1pc. (1536) - Door Post Right 1974.9mm (77-3/4") FSC**



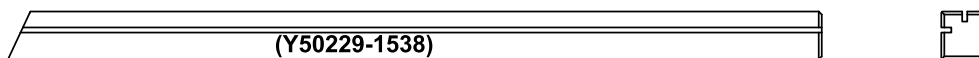
**1pc. (1543) - Front Base 2292.4mm (90-1/4") FSC**



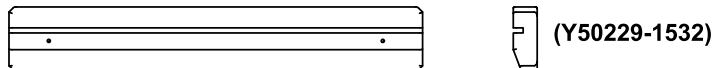
**2pc. (1539) - Left Roof Rafter 1296.8mm (51-1/16") FSC**



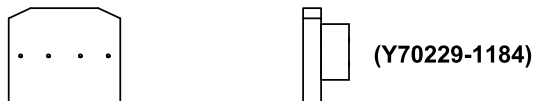
**2pc. (1538) - Right Roof Rafter 1296.8mm (51-1/16") FSC**



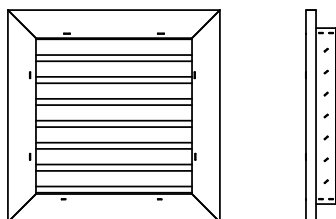
**2pc. (1532) - Front Wall Sill 659.2mm (25-15/16") FSC**



**2pc. (1184) - Peak Spacer 177.8mm (7") FSC**



**1pc. (1565) - Vent Assembly with Mesh 337.6mm (13-5/16") FSC**

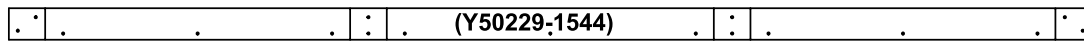


# Part Identification ( Dimensions are approximate and are shown to assist in the identification of parts for assembly. Actual dimensions may be smaller or larger. )

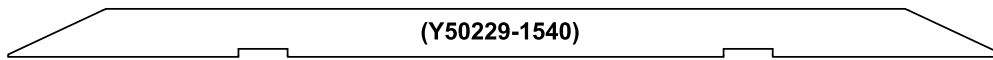
**2pc. (1113) - Back Post 1974.9mm (77-3/4") FSC**



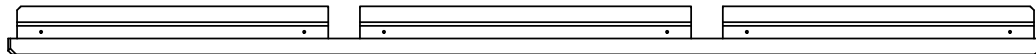
**1pc. (1544) - Back Base 2292.4mm (90-1/4") FSC**



**2pc. (1540) - FB Gable Beam 1579.2mm (62-3/16") FSC**

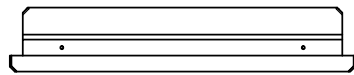


**1pc. (1533) - Back Wall Sill 2190.7mm (86-1/4") FSC**



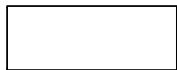
**(Y50229-1533)**

**2pc. (1534) - Middle Side Wall Sill 548.5mm (21-5/8") FSC**



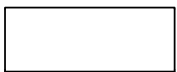
**(Y50229-1534)**

**2pc. (1546) - Upright Outside 269.4mm (10-5/8") FSC**



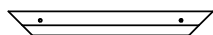
**(Y50229-1546)**

**2pc. (1545) - Upright Inside 269.4mm (10-5/8") FSC**



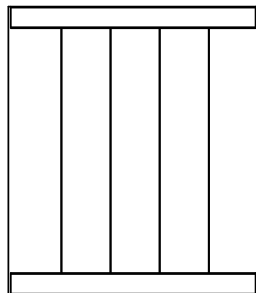
**(Y50229-1545)**

**4pc. (1136) - Inside Vent Trim 324.8mm (12-3/4") FSC**



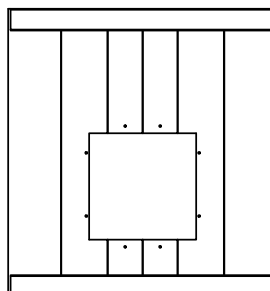
**(Y50229-1136)**

**4pc. (1552) - F/B Panel 762mm (30") FSC**



**(Y70229-1552)**

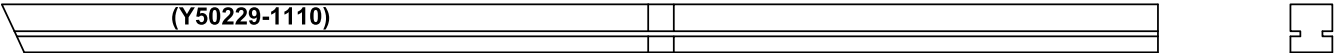
**1pc. (1560) - Vent Wall Large 762mm (30") FSC**



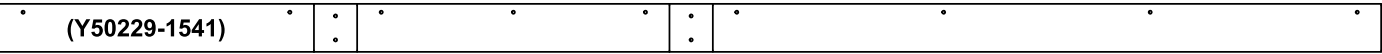
**(Y70229-1560)**

**Part Identification** ( Dimensions are approximate and are shown to assist in the identification of parts for assembly. Actual dimensions may be smaller or larger. )

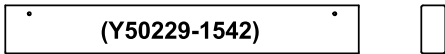
4pc. (1110) - Mid Post 1835.2mm (72-1/4") FSC



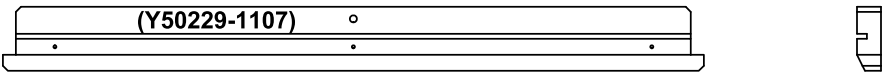
2pc. (1541) - Side Base 2194.2mm (86-3/8") FSC



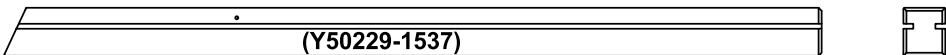
2pc. (1542) - Side Base Short 561.3mm (22-1/8") FSC



4pc. (1107) - Side Wall Sill 1112.8mm (43-13/16") FSC



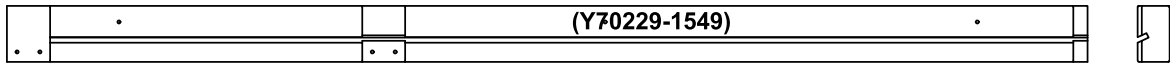
6pc. (1537) - Middle Roof Rafter 1298.4mm (51-1/8") FSC



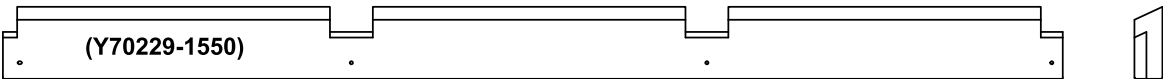
2pc. (1548) - Roof Peak 1151.7mm (45-3/8") FSC



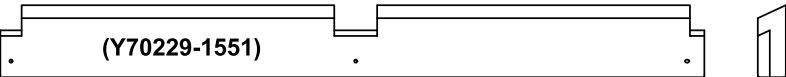
2pc. (1549) - Roof Peak Long 1715.4mm (67-9/16") FSC



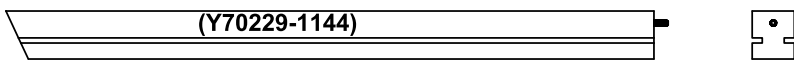
2pc. (1550) - Side Wall Top 1682.5mm (66-1/4") FSC



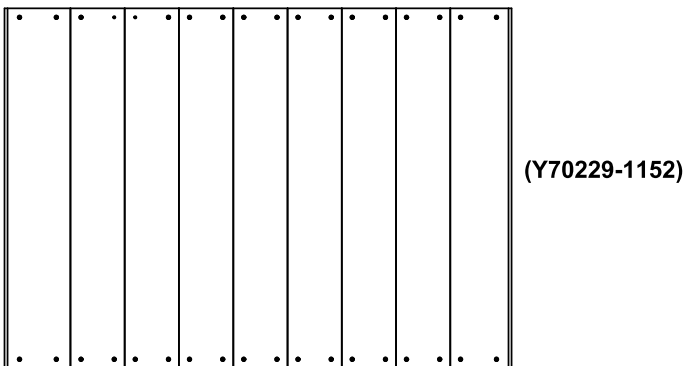
2pc. (1551) - Side Wall Top Short 1117.5mm (44") FSC



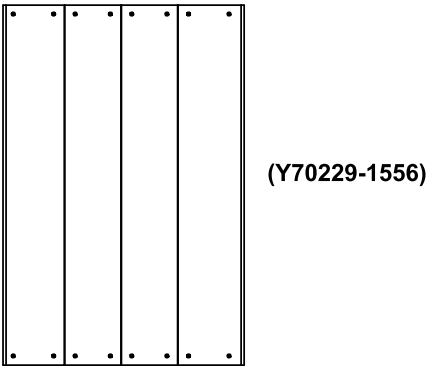
4pc. (1144) - Short Post Assembly 1047.8mm (41-1/4") FSC



4pc. (1152) - Side Wall Panel 762mm (30") FSC

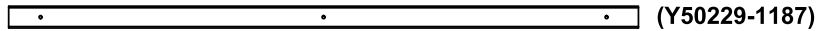


2pc. (1556) - Side Wall Middle Panel 762mm (30") FSC



# Part Identification ( Dimensions are approximate and are shown to assist in the identification of parts for assembly. Actual dimensions may be smaller or larger. )

**2pc. (1187) - Vent Roof Panel Block 1003.3mm (39-1/2") FSC**



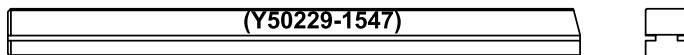
**2pc. (1188) - Guide Spacer 262mm (10-5/16") FSC**



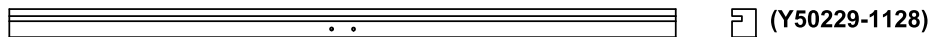
**4pc. (1126) - Inside Vent Block 328mm (12-15/16") FSC**



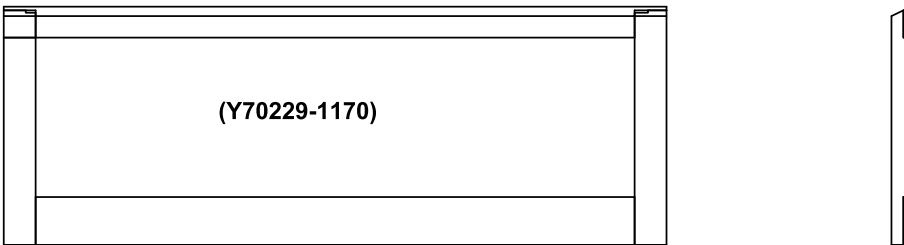
**2pc. (1547) - Vent Roof Rafter 911.6mm (35-7/8") FSC**



**2pc. (1128) - Bottom Vent Block 1061.6mm (41-3/4") FSC**



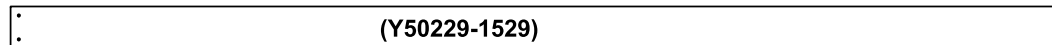
**2pc. (1170) - Vent Roof Panel 1055.7mm (41-9/16") FSC**



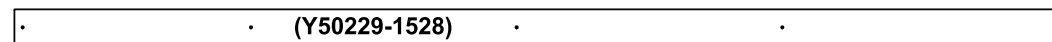
**6pc. (1134) - Shelf Gusset 536.6mm (21-1/8") FSC**



**5pc. (1529) - Side Shelf 2235.2mm (88") FSC**



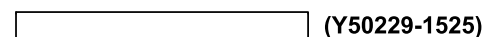
**1pc. (1528) - Side Shelf Front 2235.2mm (88") FSC**



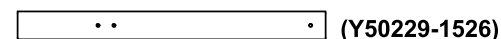
**1pc. (1524) - Shelf Side 720.1mm (28-3/8") FSC**



**7pc. (1525) - Shelf Joist 465.3mm (18-5/16") FSC**



**2pc. (1526) - Long Shelf Joist 490.8mm (19-5/16") FSC**



**1pc. (1141) - Shelf Block 203.2mm (8") FSC**

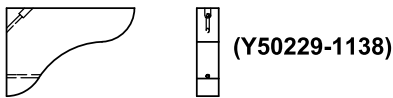


Part Identification (

Dimensions are approximate and are shown to assist in the identification of parts for assembly. Actual dimensions may be smaller or larger.

)

9pc. (1138) - Wooden Gusset 203.2mm (8") FSC



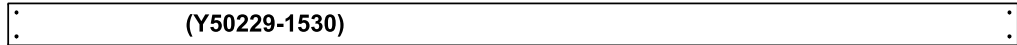
2pc. (1531) - Top Shelf Back 2210mm (87") FSC



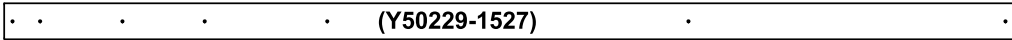
2pc. (1574) - Top Shelf Side 2553.9mm (100-9/16") FSC



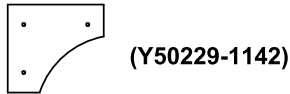
5pc. (1530) - Back Shelf 2136.8mm (84-1/8") FSC



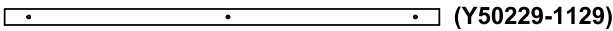
1pc. (1527) - Back Shelf Front 2136.8mm (84-1/8") FSC



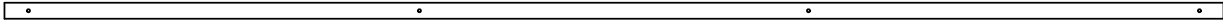
1pc. (1142) - Closer Block 152.4mm (6") FSC



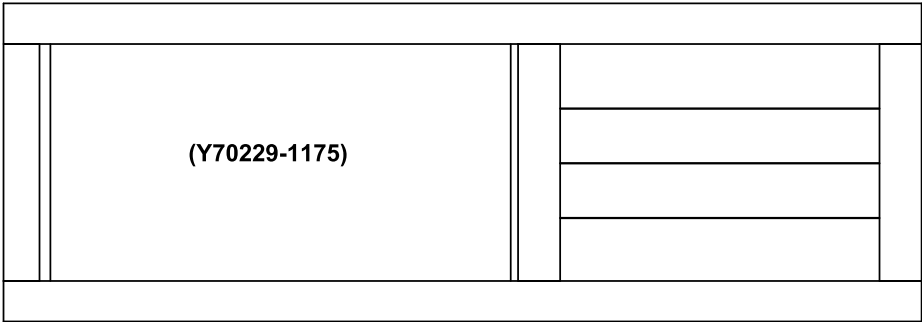
1pc. (1129) - Top Door Block 690mm (27-3/16") FSC



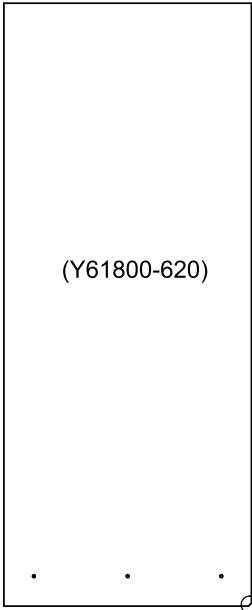
2pc. (1130) - Door Block 1935.2mm (76-3/16") FSC (Y50229-1130)



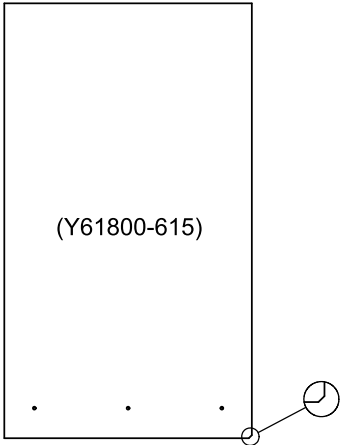
1pc. (1175) - Door Panel 1943.1mm (76-1/2") FSC



1pc. (6PK) Roof Panel (Y70800-620)

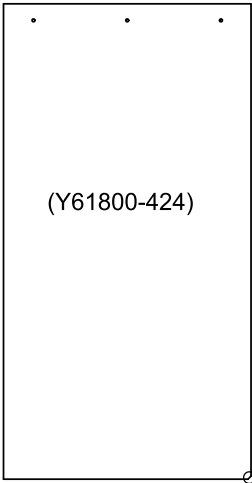


1pc. (4PK) Small Roof Panel (Y70800-615)



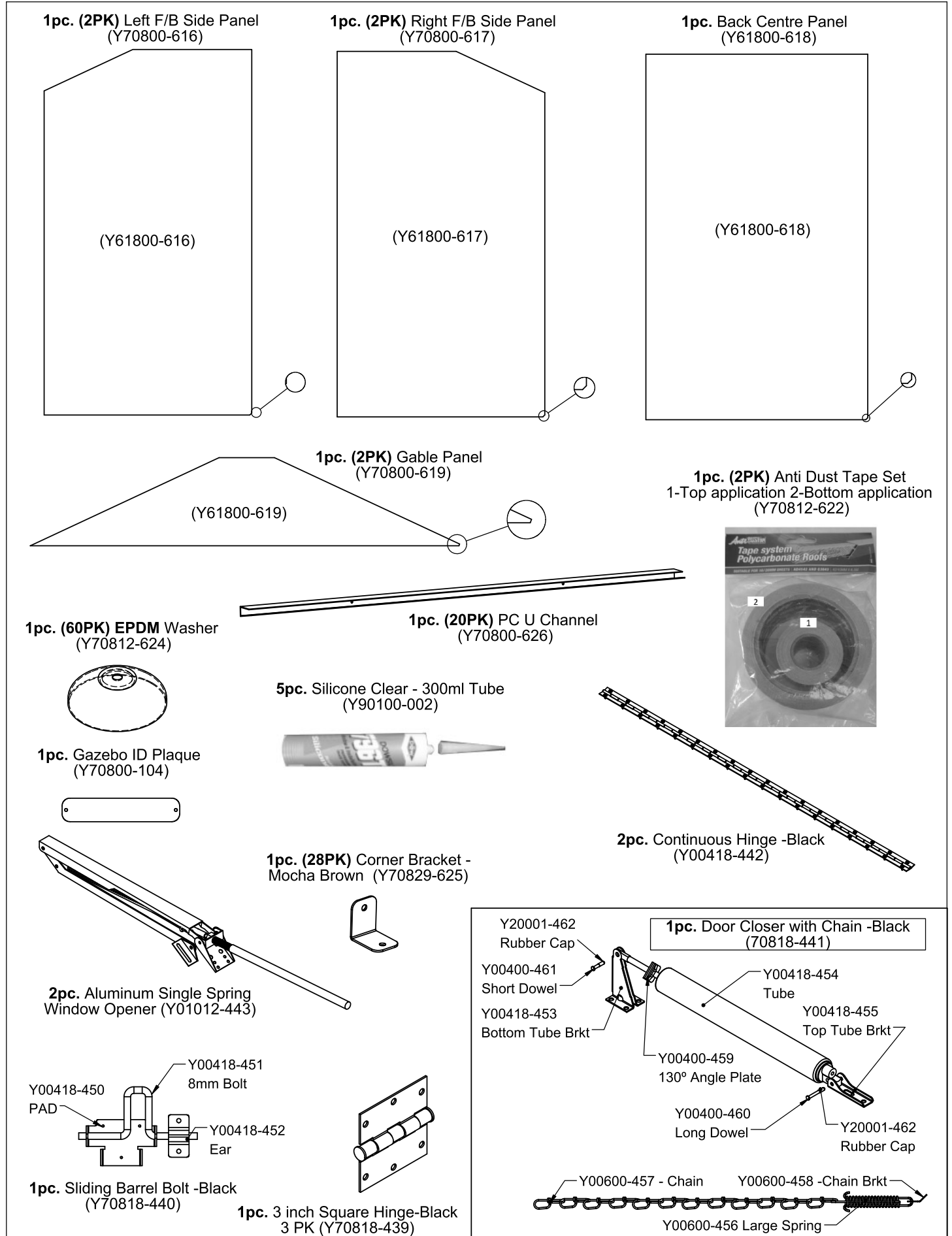
1pc. (8PK) Side Wall Panel (Y70800-424)

1pc. (2PK) Side Wall Panel (Y70800-621)

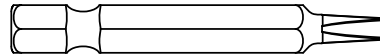
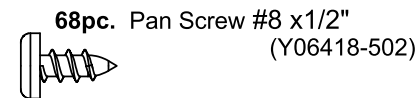
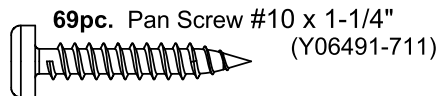
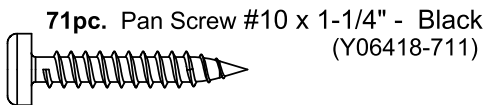
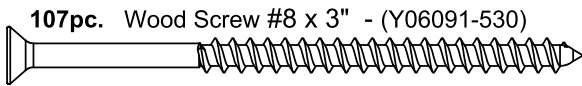
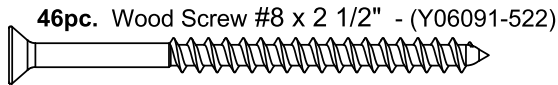
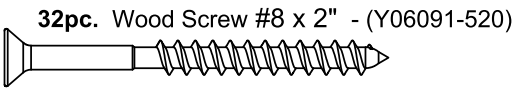
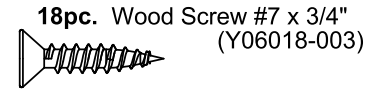
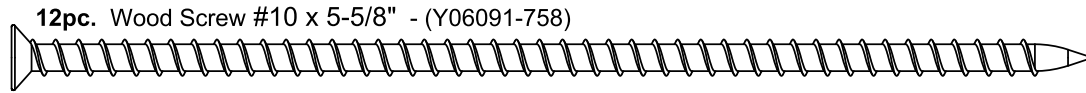
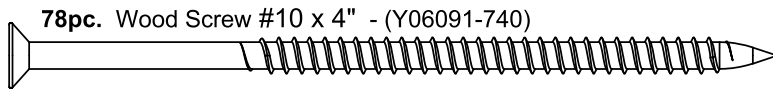




# Part Identification ( Dimensions are approximate and are shown to assist in the identification of parts for assembly. Actual dimensions may be smaller or larger. )



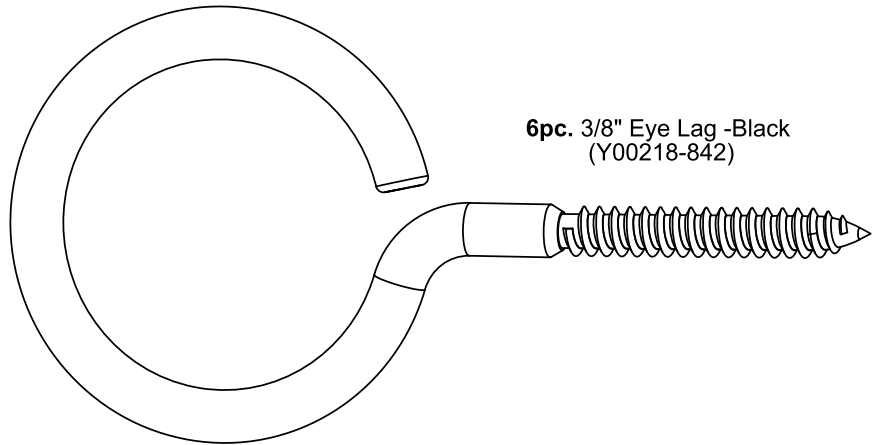
# Hardware Identification ( Dimensions are approximate and are shown to assist in the identification of parts for assembly. Actual dimensions may be smaller or larger. )



**1pc.** #2 x 2" Robertson Driver (Y00400-005)

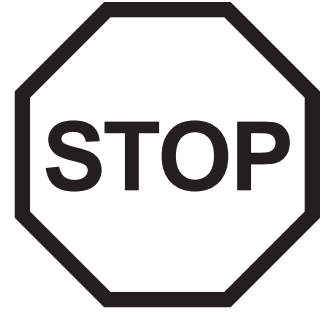
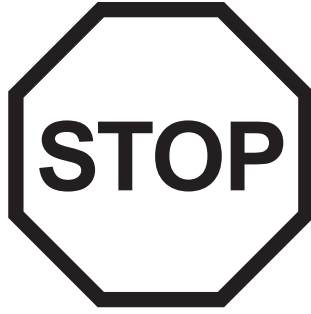
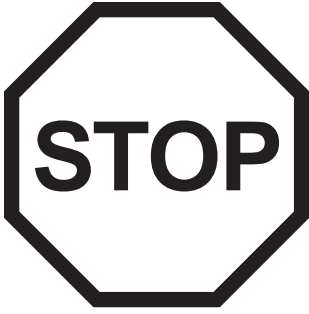


**1pc.** - 1/8" Drill Bit (Y00400-002)



**6pc.** 3/8" Eye Lag -Black (Y00218-842)

## Step 1: Inventory Parts - Read This Before Starting Assembly



- A.** This is the time for you to inventory all your hardware, wood and accessories, referencing the parts identification sheets. This will assist you with your assembly.
- Each step indicates which bolts and/or screws you will need for assembly, as well as any flat washers, lock washers, t-nuts or lock nuts.
- B.** If there are any missing or damaged pieces or you need assistance with assembly please contact the consumer relations department directly. Call us before going back to the store.

**1-888-509-4382**

**support@yardistrystructures.com**

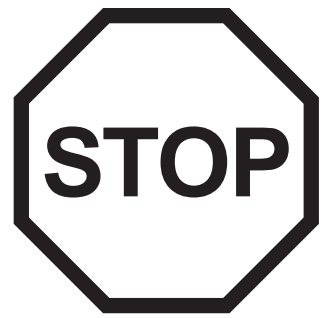
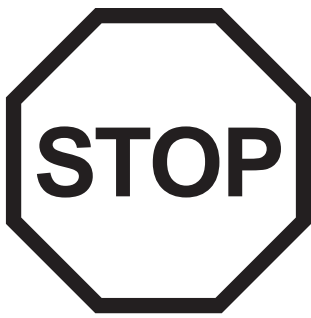
- C.** Read the assembly manual completely, paying special attention to ANSI warnings; notes; and safety/maintenance information on pages 1 - 4.
- Follow the instructions in order.
  - This structure is designed to be assembled and installed ideally by four people, DO NOT attempt to install alone.
  - Consider the slope of elevation where you plan to install the structure. Also, check for gas, telephone, other utilities or sprinkler line locations prior to excavating any holes.
- D.** Before you discard your cartons fill out the form below.
- The carton I.D. stamp is located on the end of each carton.
  - Please retain this information for future reference. You will need this information if you contact the Consumer Relations Department.

PRODUCT NUMBER: YM12854

CARTON I.D. STAMP: \_\_\_\_\_ (Box 1)

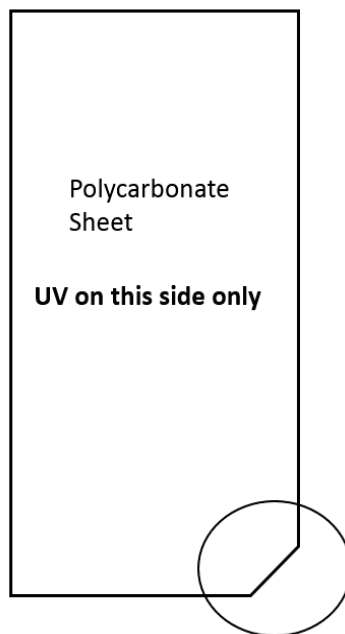
CARTON I.D. STAMP: (Box 2)

CARTON I.D. STAMP: (Box 3)

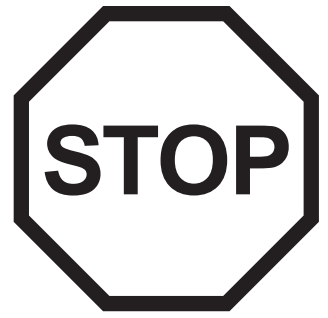


## IMPORTANT! POLYCARBONATE INFORMATION

- Each polycarbonate panel has a UV coating on only ONE (1) side of the panel.
- To install properly so the UV coating is on the outside of the panel, the notch in the panel needs to be oriented to the bottom right-hand side of the assembly when on the outside facing the unit.



- Remove film immediately before installing tape to prevent damage to the panels.



## IMPORTANT! ANTI-DUST TAPE INFORMATION

- Two (2) different tapes are supplied. One for the top of the panels and one for the bottom.

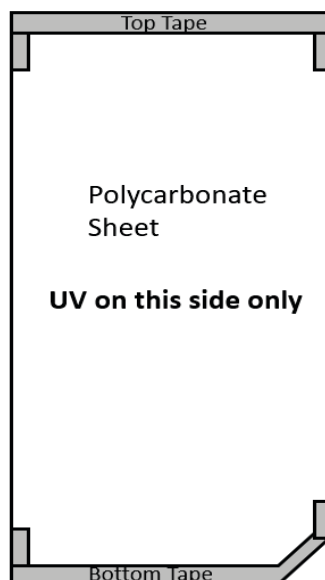
Top



Bottom



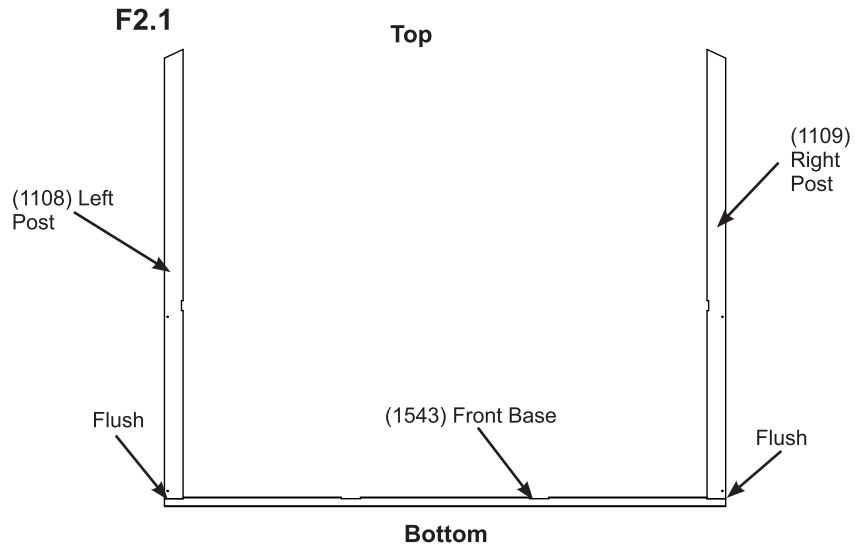
- Do NOT apply tape in direct sunlight.
- All surfaces must be clean and dry before installing the tape.
- Tape should be cut 2" (5.08 cm) longer than the width of the panel so it wraps around the corners and up the panel by 1" (2.54 cm) on each side.
- Remove the backing on the tape, centre it on the polycarbonate panel so it is equal on both sides. Fold the tape around the edges and rub gently to avoid damaging the tape.



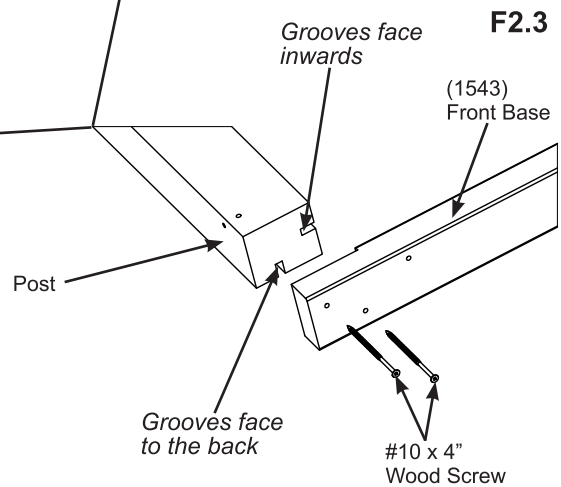
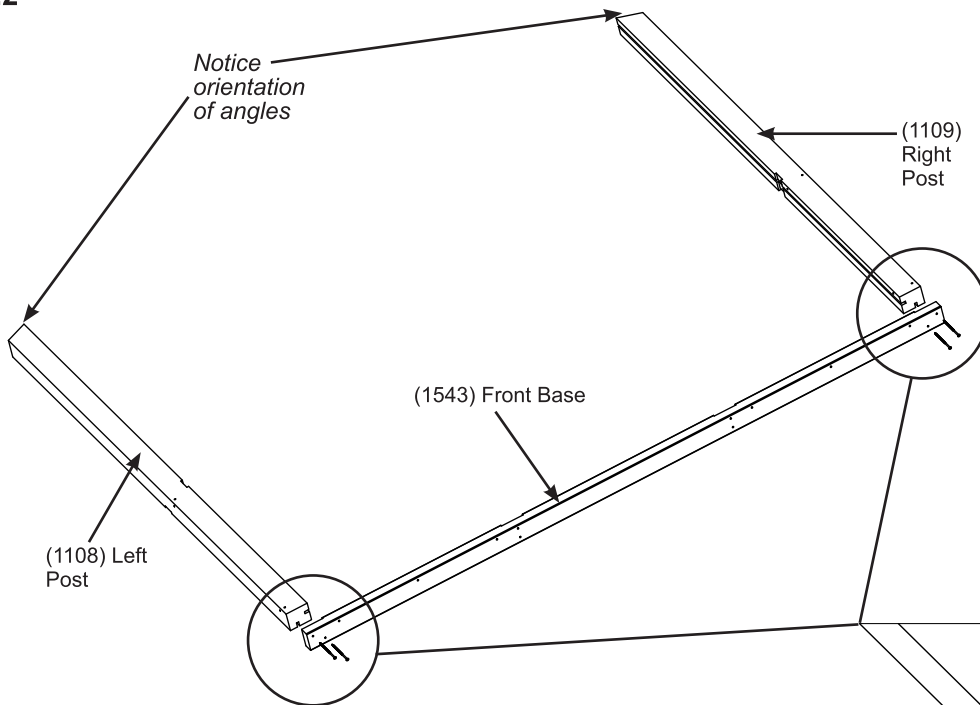


## Step 2: Front Wall Assembly Part 1

**A:** At the bottom of one (1108) Left Post and one (1109) Right Post attach one (1543) Front Base with two #10 x 4" Wood Screws per post. Make sure grooves in posts are facing inwards and to the back. Posts are flush to the ends of (1543) Front Base. (F2.1, F2.2 and F2.3)



**F2.2**



### Wood Parts

- 1 x (1108) Left Post
- 1 x (1109) Right Post
- 1 x (1543) Front Base

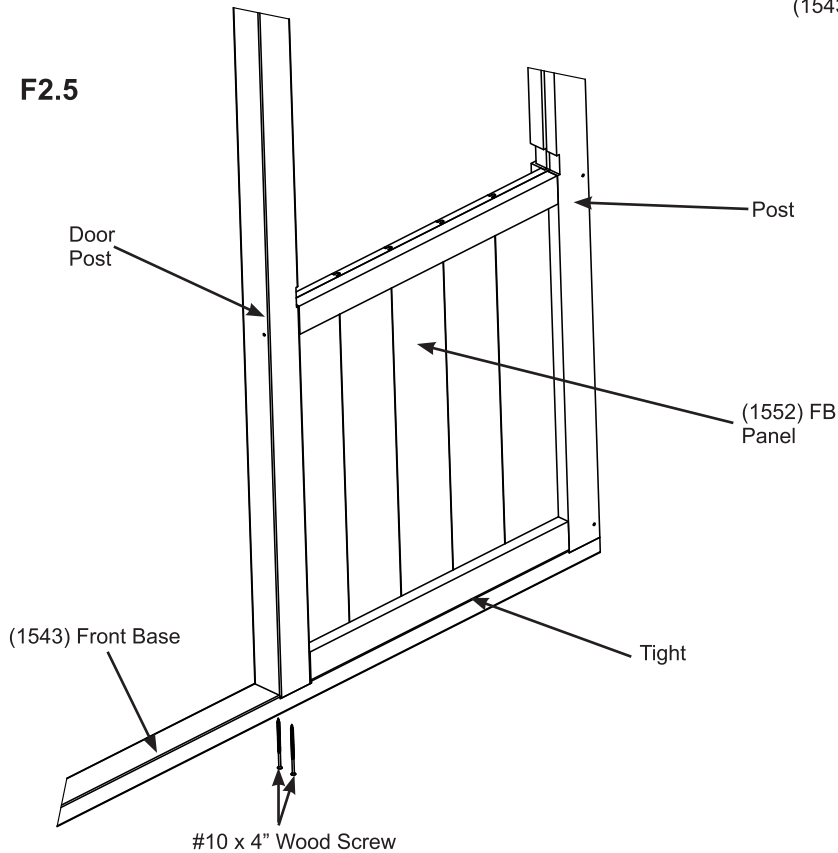
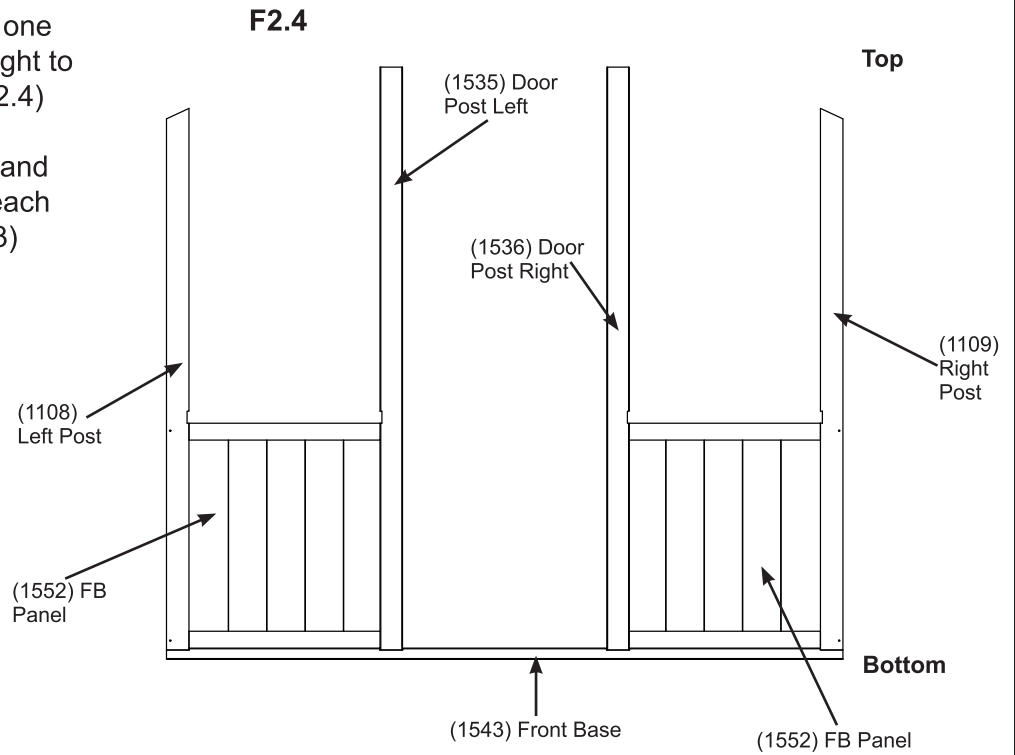
### Hardware

- 4 x #10 x 4" Wood Screw

## Step 2: Front Wall Assembly Part 2

**B:** In the grooves of each post slide one (1552) FB Panel down so they rest tight to the top of the (1543) Front Base. (F2.4)

**C:** Place one (1535) Door Post Left and one (1536) Door Post Right tight to each (1552) FB Panel then attach to (1543) Front Base with two #10 x 4" Wood Screws per post. (F2.4 and F2.5)



### Wood Parts

- 1 x (1535) Door Post Left
- 1 x (1536) Door Post Right
- 2 x (1552) FB Panel

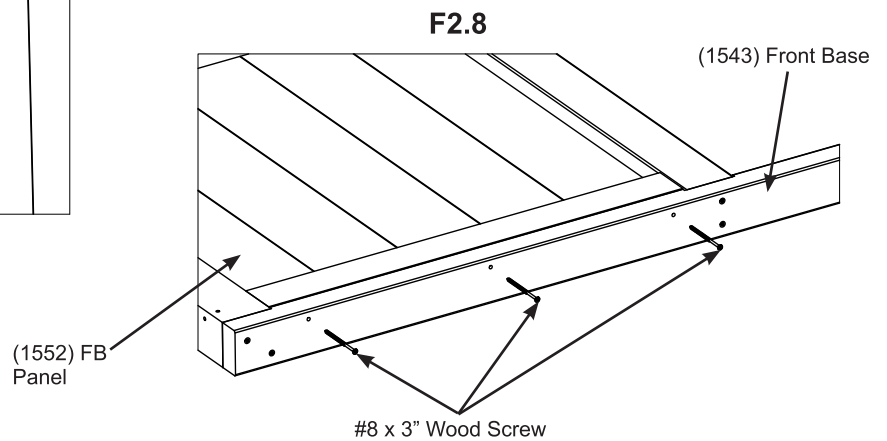
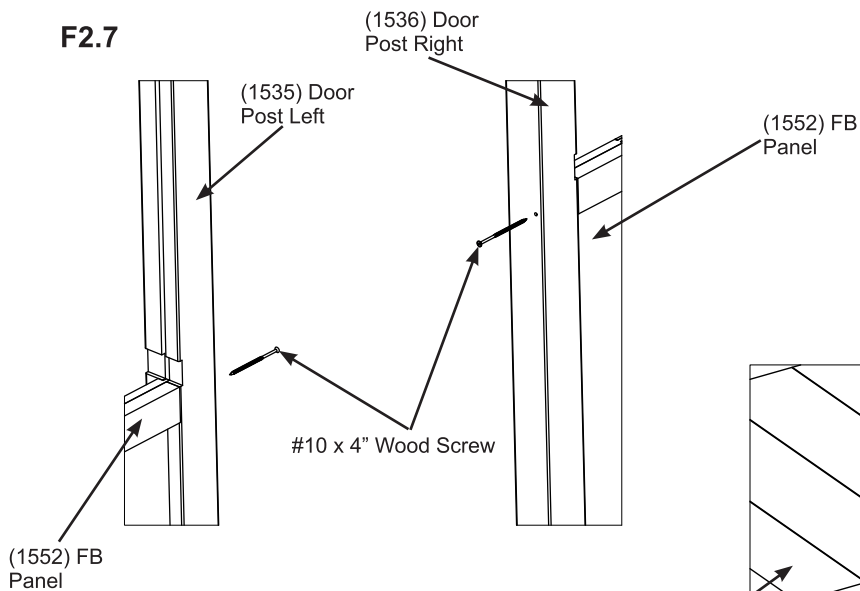
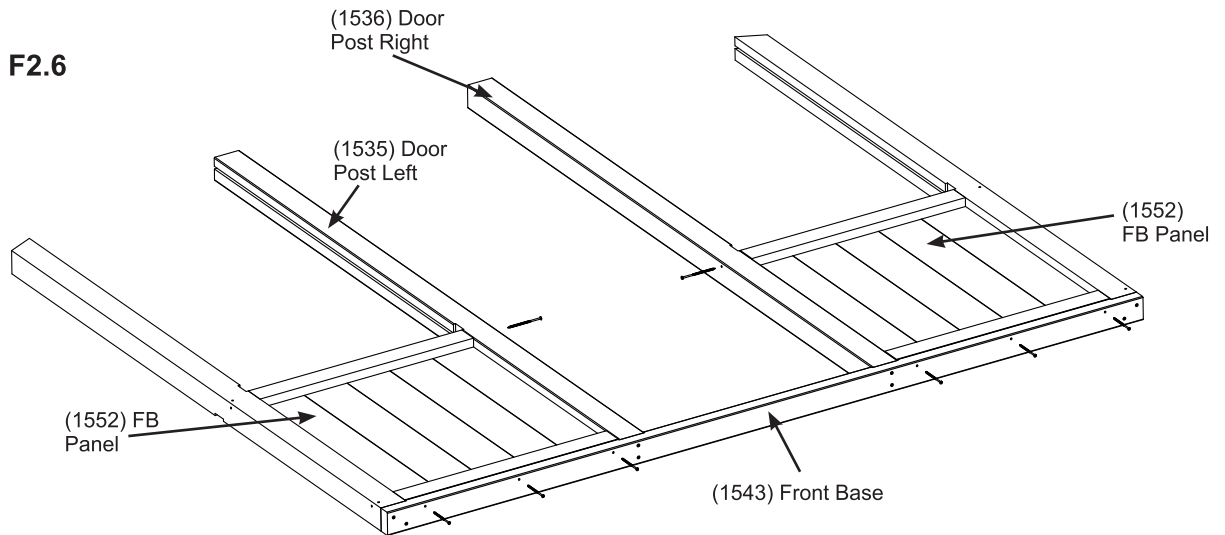
### Hardware

- 4 x #10 x 4" Wood Screw

## Step 2: Front Wall Assembly Part 3

**D:** Attach (1535) Door Post Left and (1536) Door Post Right to (1552) FB Panel with one #10 x 4" Wood Screw per post. (F2.6 and F2.7)

**E:** Attach (1543) Front Base to (1552) FB Panels with three #8 x 3" Wood Screws per panel. (F2.6 and F2.8)



### Hardware

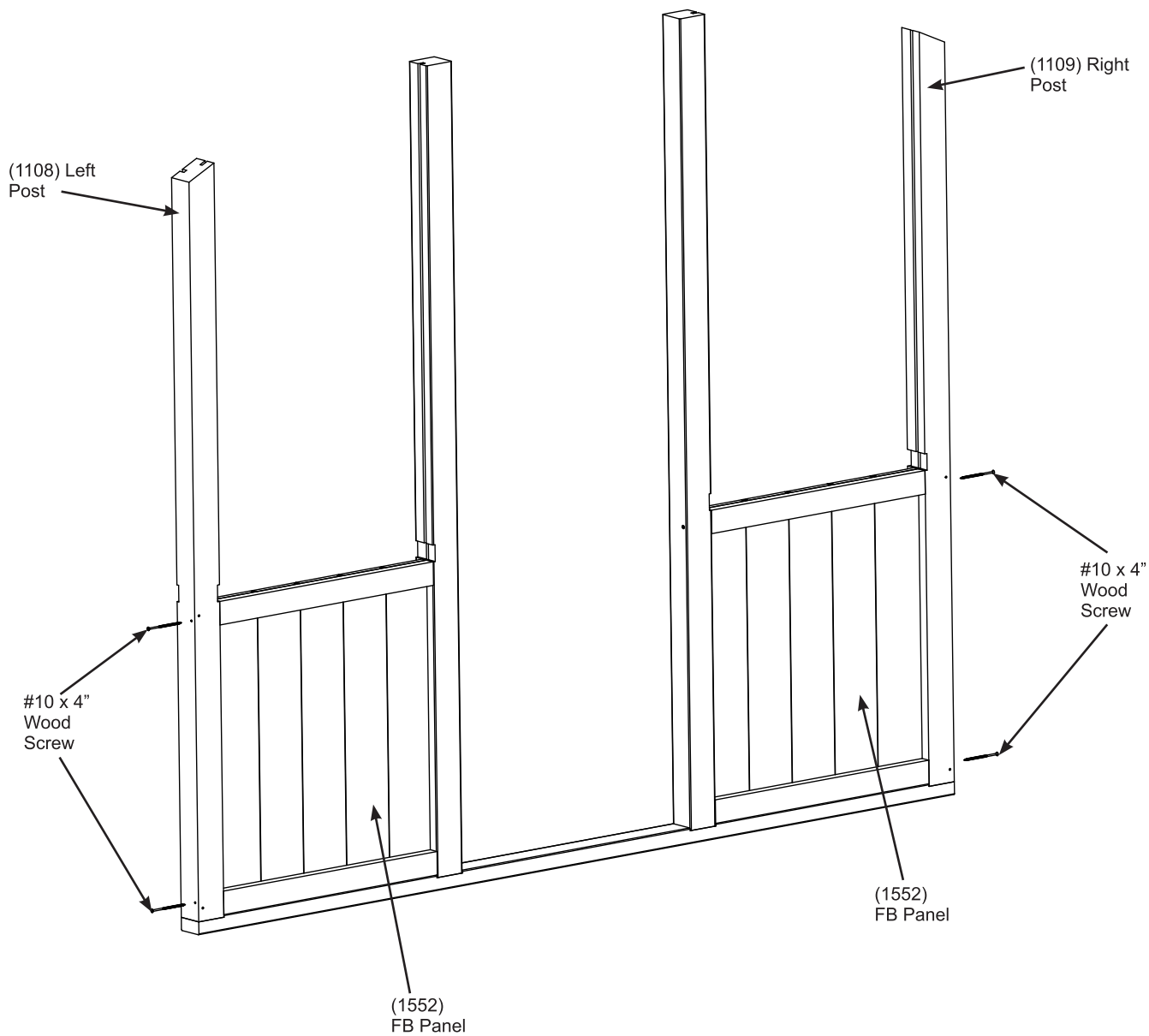
6 x #8 x 3" Wood Screw

2 x #10 x 4" Wood Screw

## Step 2: Front Wall Assembly Part 4

**F:** Attach (1108) Left Post and (1109) Right Post to top and bottom of (1552) FB Panel with two #10 x 4" Wood Screws per post. (F2.9)

**F2.9**

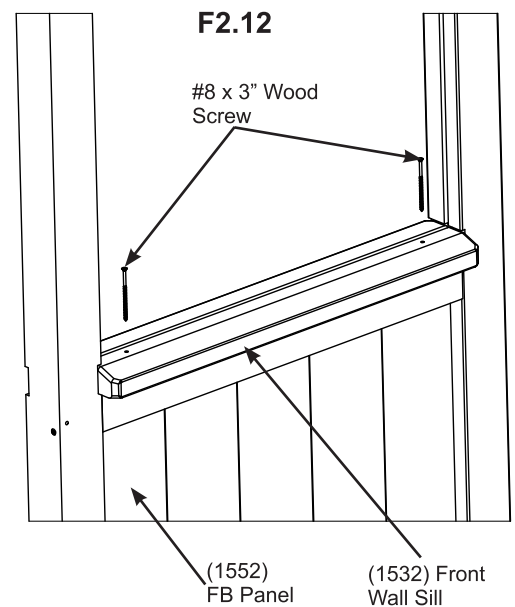
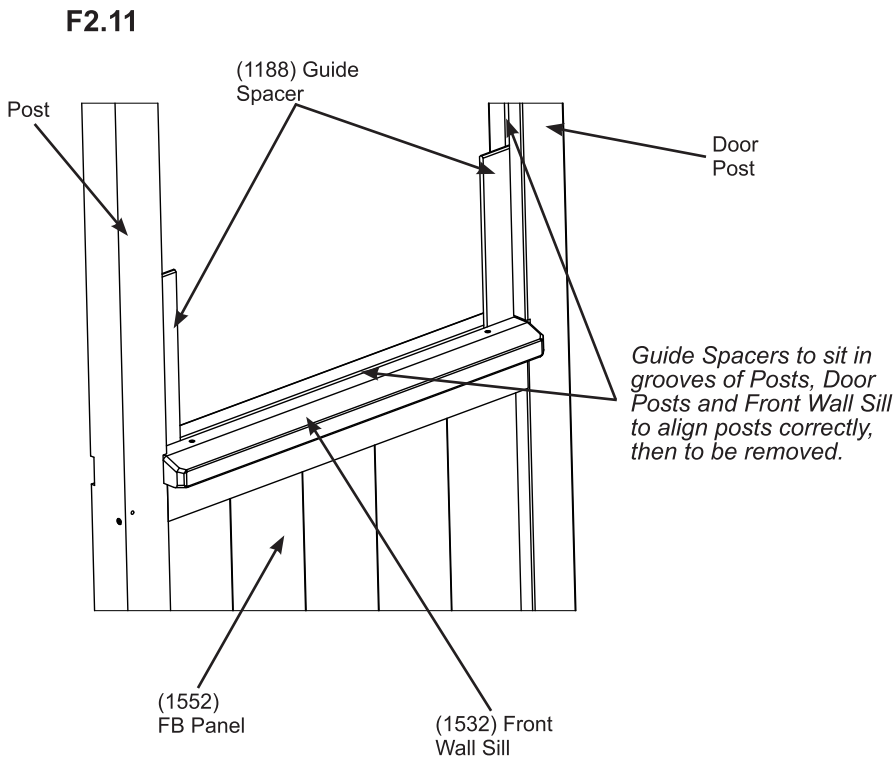
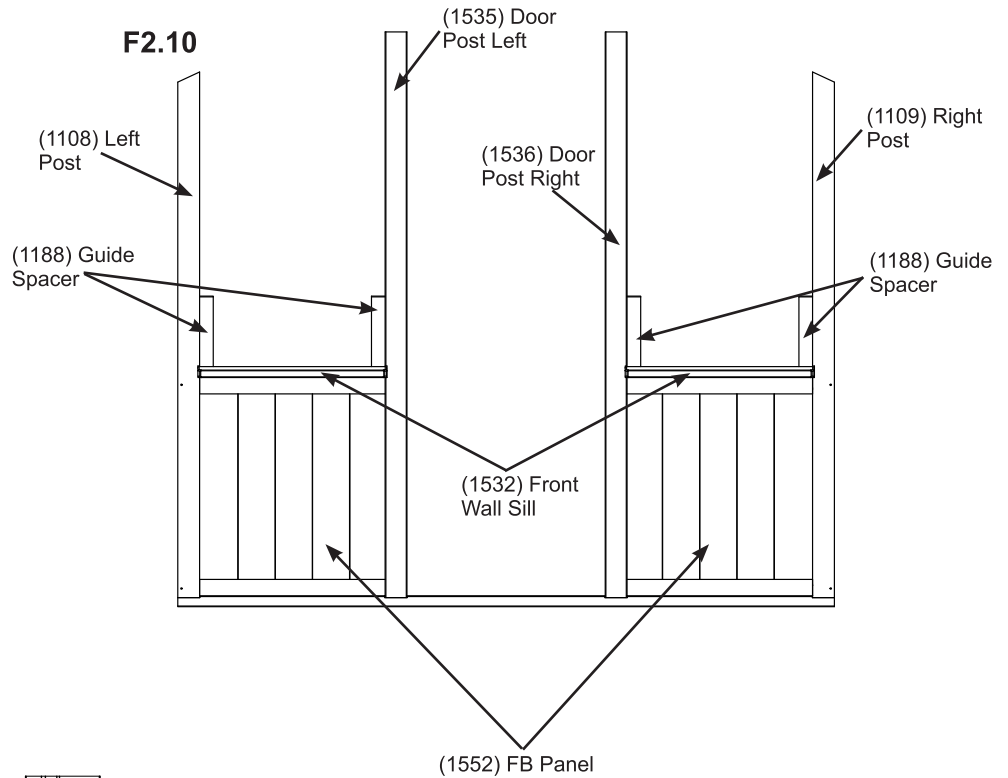


### Hardware

**4 x #10 x 4" Wood Screw**

## Step 2: Front Wall Assembly Part 5

**G:** Place one (1532) Front Wall Sill on top of each (1552) FB Panel. Use one (1188) Guide Spacer in the grooves of each post and (1532) Front Wall Sill to line up Posts with Door Posts. Attach (1532) Front Wall Sills to (1552) FB Panels with two #8 x 3" Wood Screws per panel. Remove (1188) Guide Spacers. (F2.10, F2.11 and F2.12)



### Wood Parts

2 x (1532) Front Wall Sill

### Hardware

4 x #8 x 3" Wood Screw

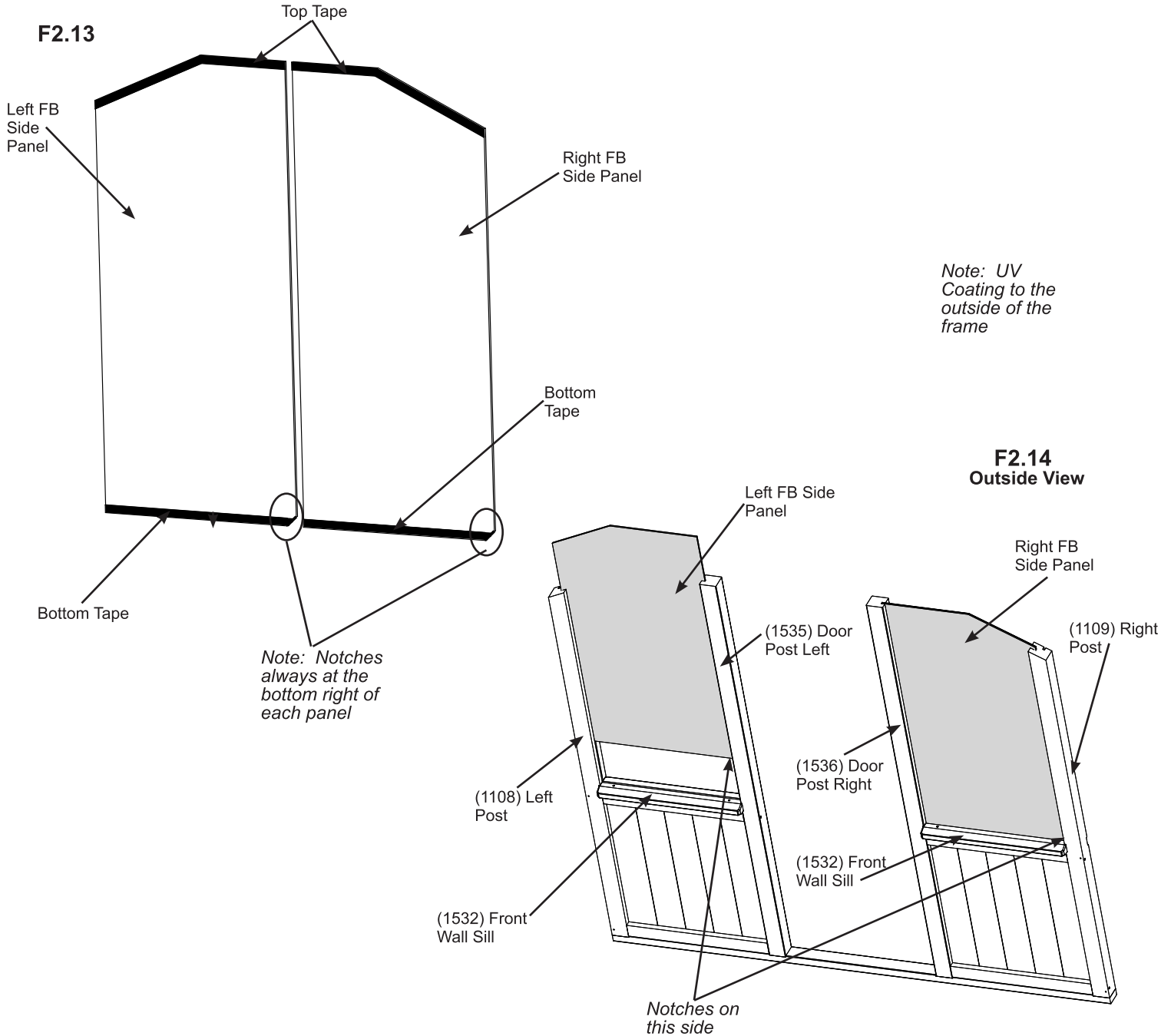


## Step 2: Front Wall Assembly Part 6

**Remove film from both sides of Left FB Side Panel and Right FB Side Panel.**

**H:** Refer to pages 16 and 17 and apply top and bottom tape to Left FB Side Panel and Right FB Side Panel.

**I:** In the grooves of Posts and Door Posts slide Left FB Side Panel and Right FB Side Panel down so they rest in the grooves of (1532) Front Wall Sill. Make sure the notch at the bottom is always on the right side of the panel. The UV coated side must be to the outside of the frame. (F2.13 and F2.14)



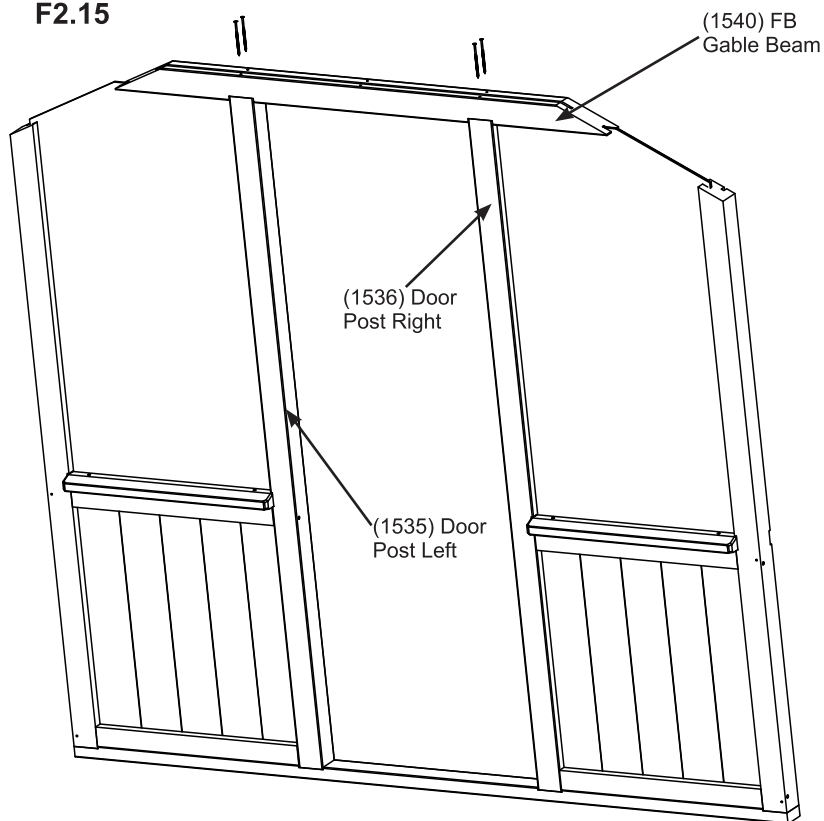
### Components

1 x Left FB Side Panel  
1 x Right FB Side Panel  
Top Tape  
Bottom Tape

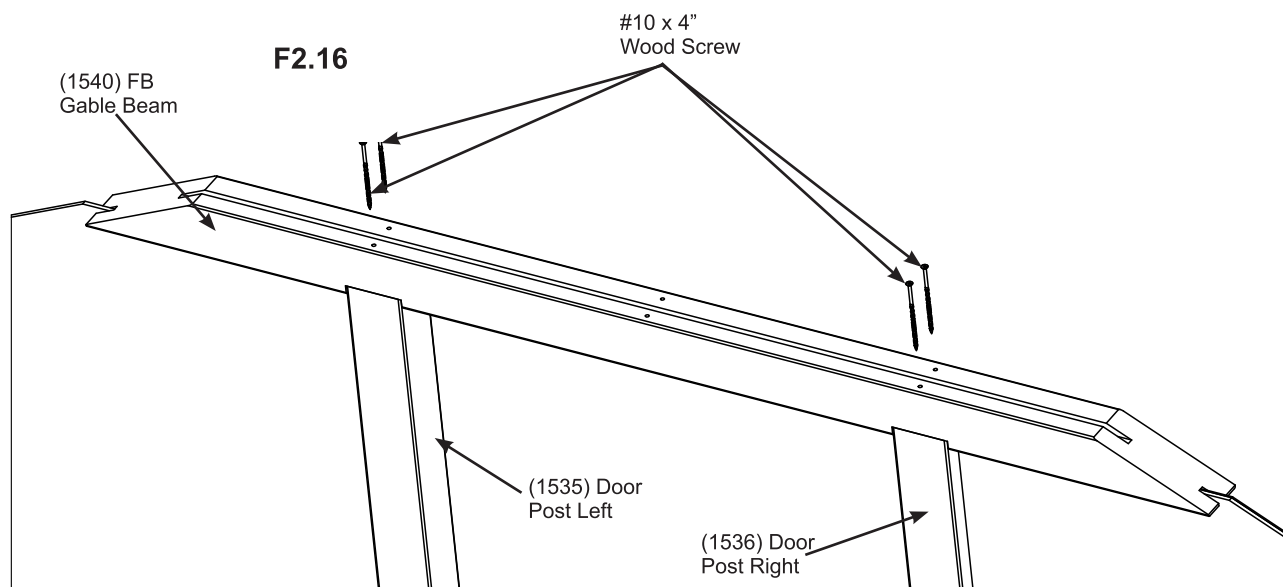
## Step 2: Front Wall Assembly Part 7

**J:** Place (1540) FB Gable Beam on top of (1535) Door Post Left and (1536) Door Post Right so notches on the bottom fit over the posts then attach with two #10 x 4" Wood Screws per post. (F2.15 and F2.16)

**F2.15**



**F2.16**



### Wood Parts

1 x (1540) FB Gable Beam

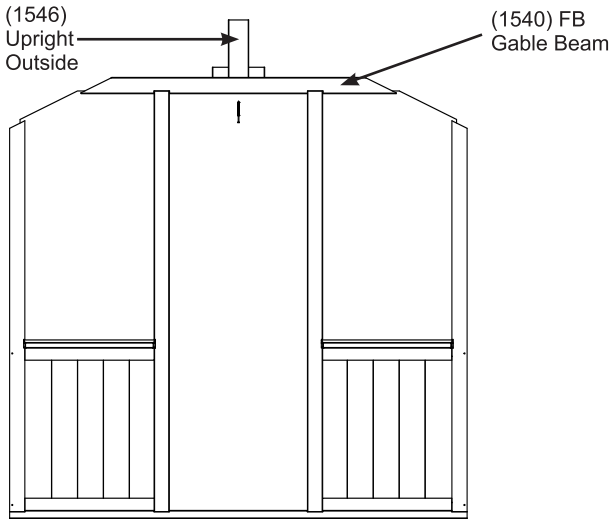
### Hardware

4 x #10 x 4" Wood Screw

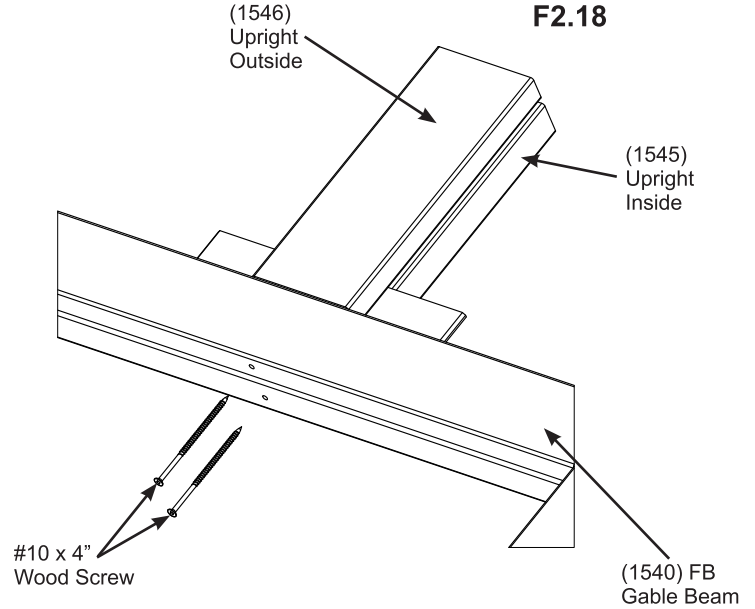
## Step 2: Front Wall Assembly Part 8

**K:** Place one (1545) Upright Inside and one (1546) Upright Outside centred on the top of (1540) FB Gable Beam. Use one (1188) Guide Spacer in the grooves of (1540) FB Gable Beam for proper spacing of Uprights. Attach Beam to Uprights with one #10 x 4" Wood Screw per upright. Remove (1188) Guide Spacer. (F2.17, F2.18 and F2.19)

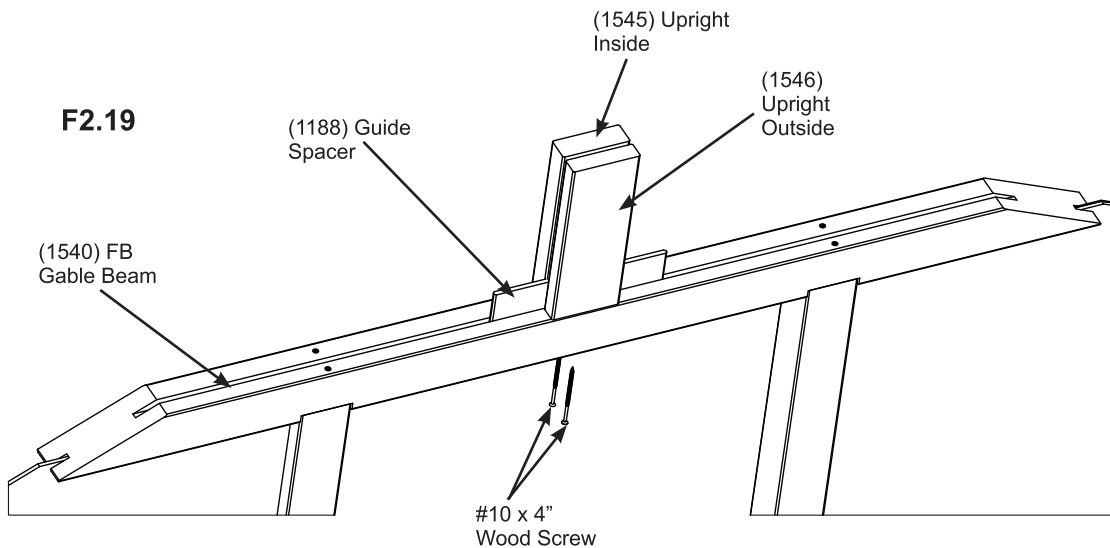
**F2.17**



**F2.18**



**F2.19**



*Guide Spacer to sit in grooves of FB Gable Beam for proper spacing of Uprights, then to be removed.*

### Wood Parts

- 1 x (1545) Upright Inside
- 1 x (1546) Upright Outside

### Hardware

- 2 x #10 x 4" Wood Screw

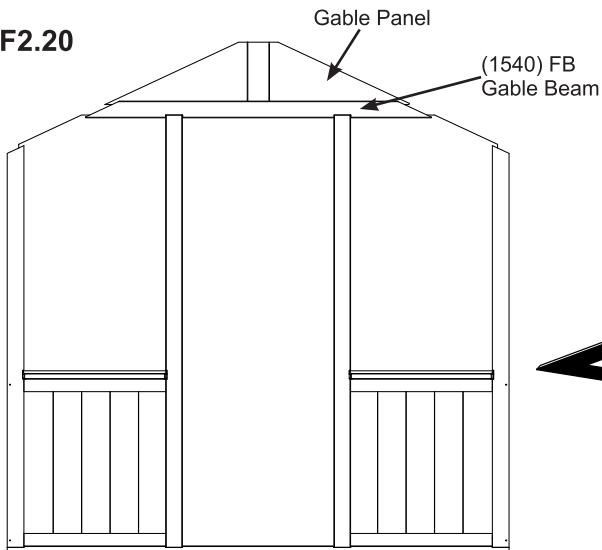
## Step 2: Front Wall Assembly Part 9

**Remove film from both sides of Gable Panel.**

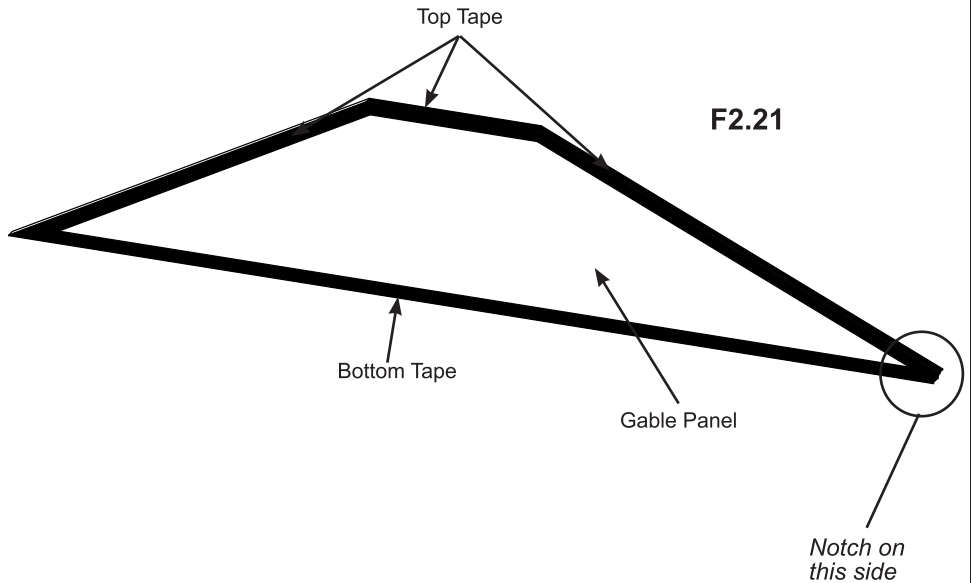
**L:** Refer to pages 16 and 17 and apply top and bottom tape to Gable Panel.

**M:** Slide Gable Panel down into the grooves of (1540) FB Gable Beam, in between (1545) Upright Inside and (1546) Upright Outside. Make sure the notch at the bottom is on the right side of the panel. The UV coated side must be to the outside of the frame. (F2.20, F2.21 and F2.22)

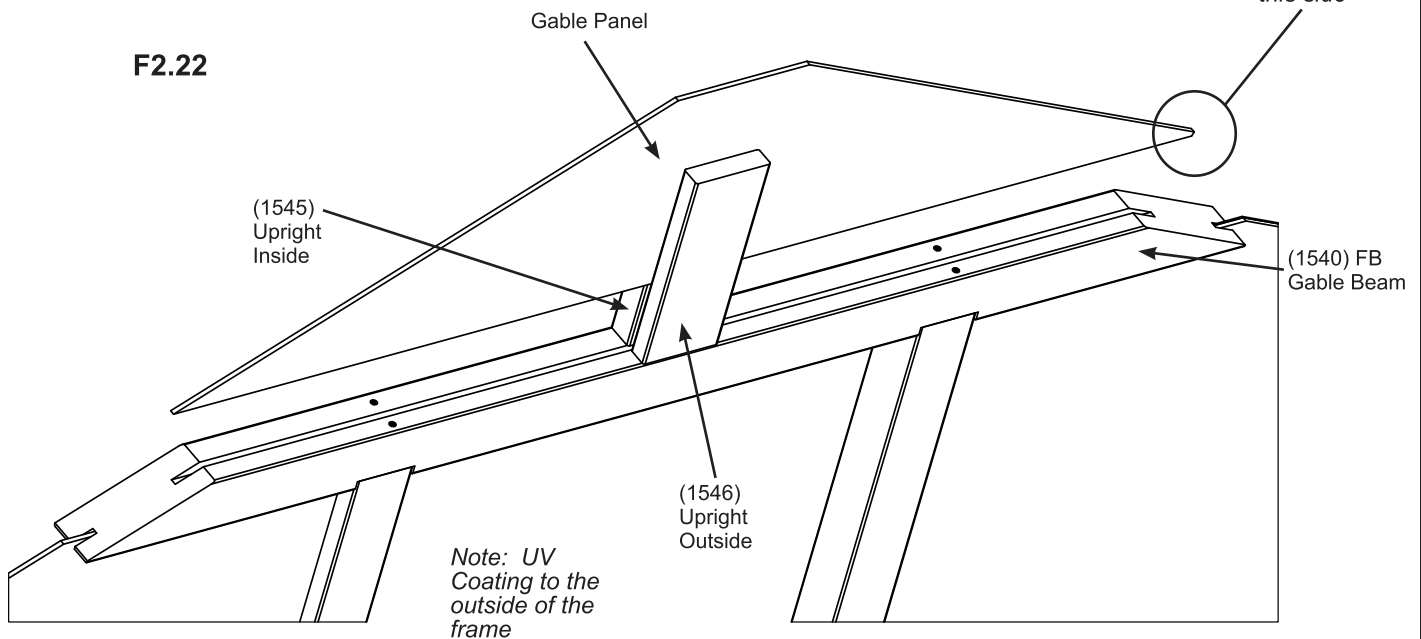
**F2.20**



**F2.21**



**F2.22**



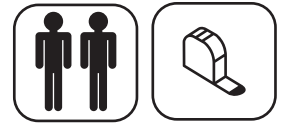
### Components

1 x Gable Panel

Top Tape

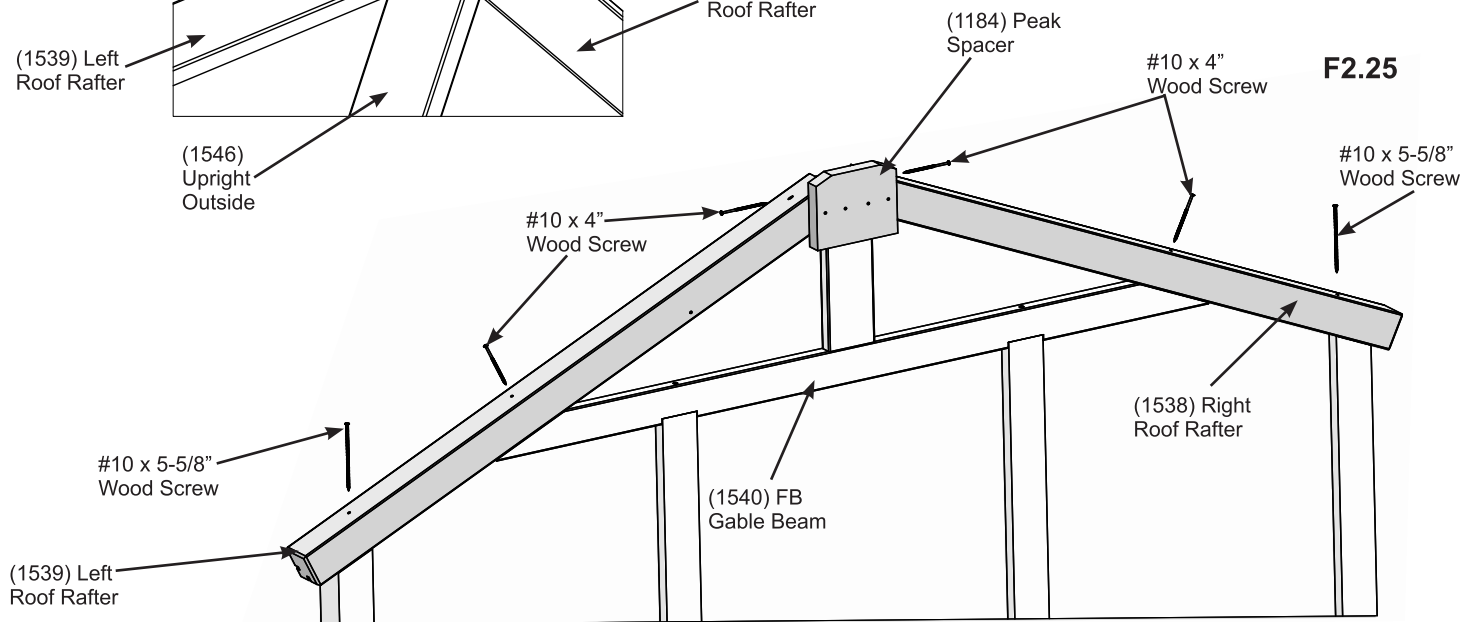
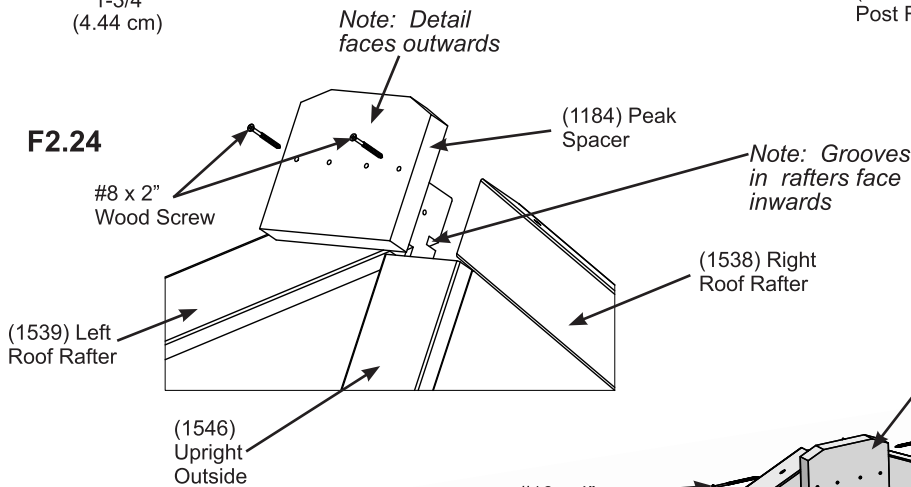
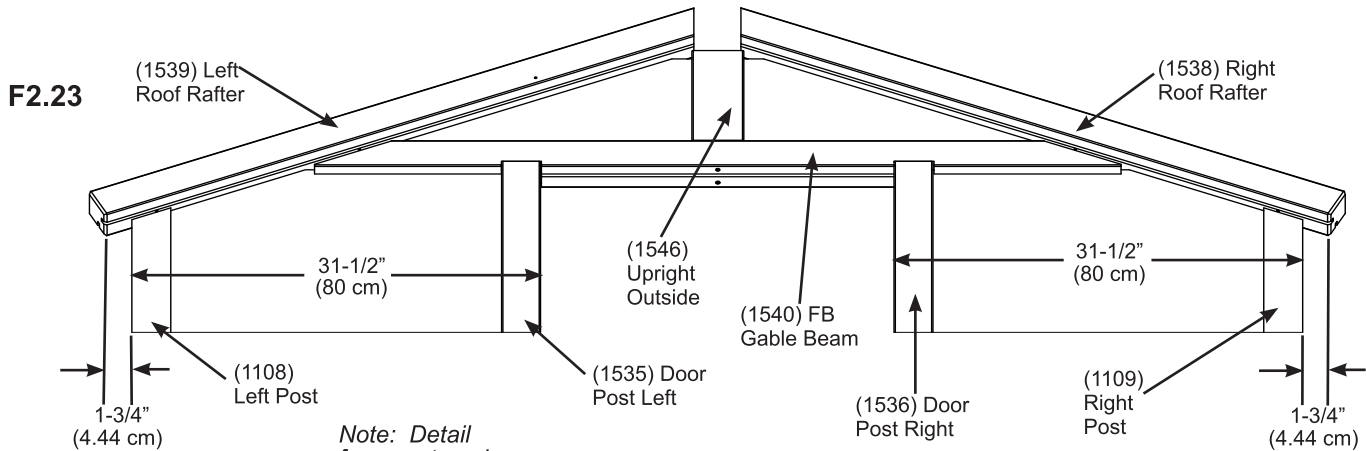
Bottom Tape

## Step 2: Front Wall Assembly Part 10



**N:** Place one (1538) Right Roof Rafter and one (1539) Left Roof Rafter on each side of the frame so the ends overhang (1108) Left Post and (1109) Right Post by 1-3/4" (4.44 cm). They will sit on the uprights. Make sure grooves in rafters face inwards. Place one (1184) Peak Spacer between (1538) Right Roof Rafter and (1539) Left Roof Rafter so the detail is on the outside of the assembly. Attach rafters to posts with one #10 x 5-5/8" Wood Screw per post and to (1540) FB Gable Beam with one #10 x 4" Wood Screw per rafter. The distance from outside of the Left and Right Post to the inside of the Left and Door Post Right should be 31-1/2" (80 cm). (F2.23, F2.24 and F2.25)

**O:** Attach each rafter to Peak Spacer with one #10 x 4" Wood Screw per rafter. Attach (1184) Peak Spacer to rafters with two #8 x 2" Wood Screws. (F2.24 and F2.25)



### Wood Parts

- 1 x (1538) Right Roof Rafter
- 1 x (1539) Left Roof Rafter
- 1 x (1184) Peak Spacer

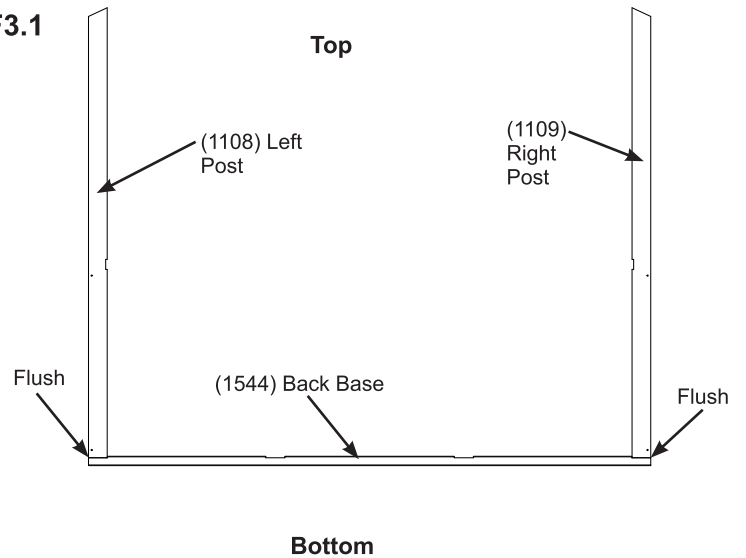
### Hardware

- 2 x #10 x 5-5/8" Wood Screw
- 4 x #10 x 4" Wood Screw
- 2 x #8 x 2" Wood Screw

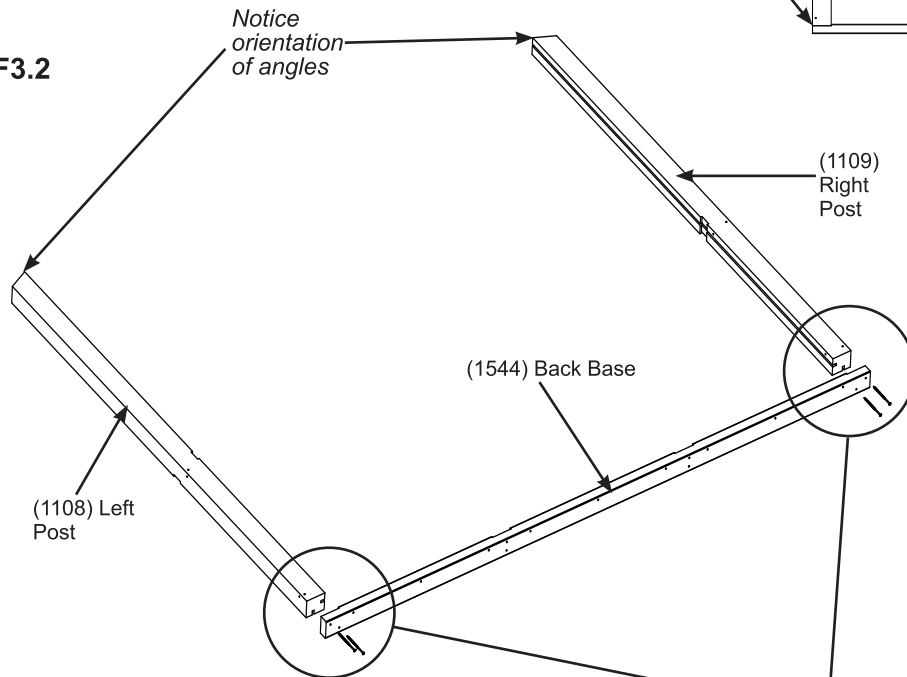
# Step 3: Back Wall Assembly Part 1

**A:** At the bottom of one (1108) Left Post and one (1109) Right Post attach one (1544) Back Base with two #10 x 4" Wood Screws per post. Make sure grooves in posts are facing inwards and to the back. Posts are flush to the ends of (1544) Back Base. (F3.1, F3.2 and F3.3)

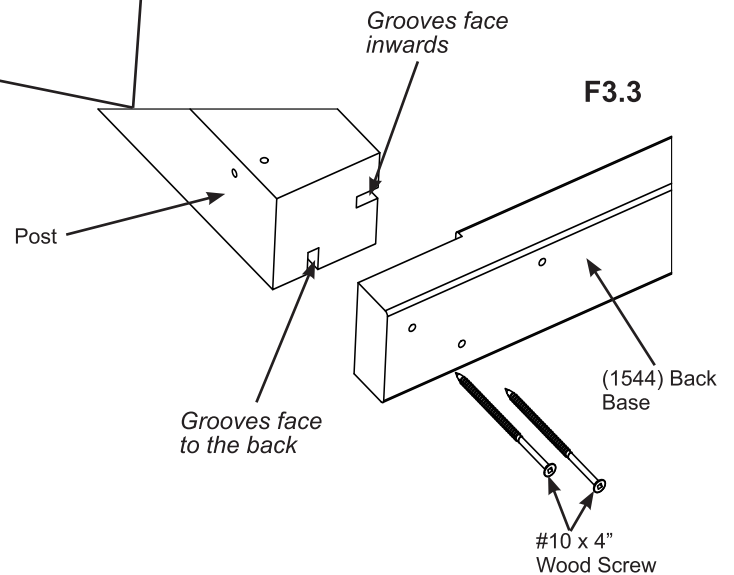
**F3.1**



**F3.2**



**F3.3**



## Wood Parts

- 1 x (1108) Left Post
- 1 x (1109) Right Post
- 1 x (1544) Back Base

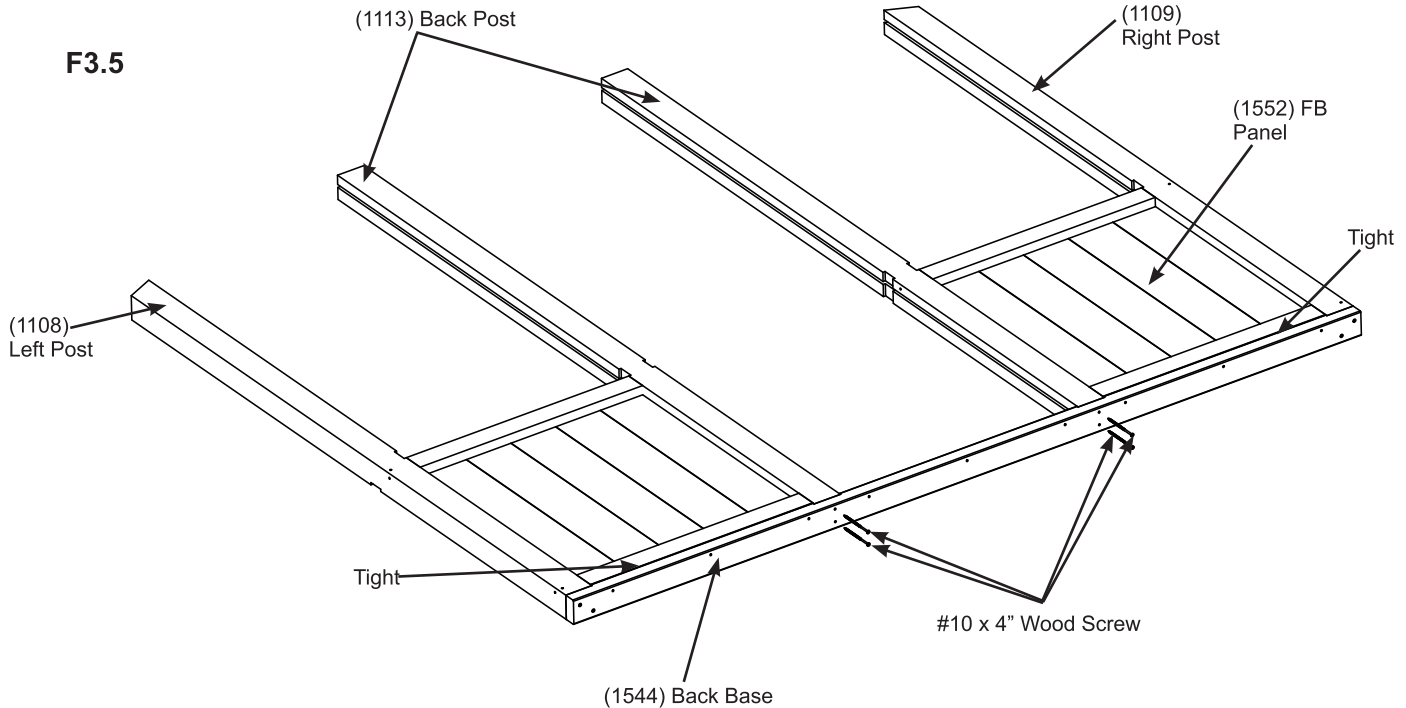
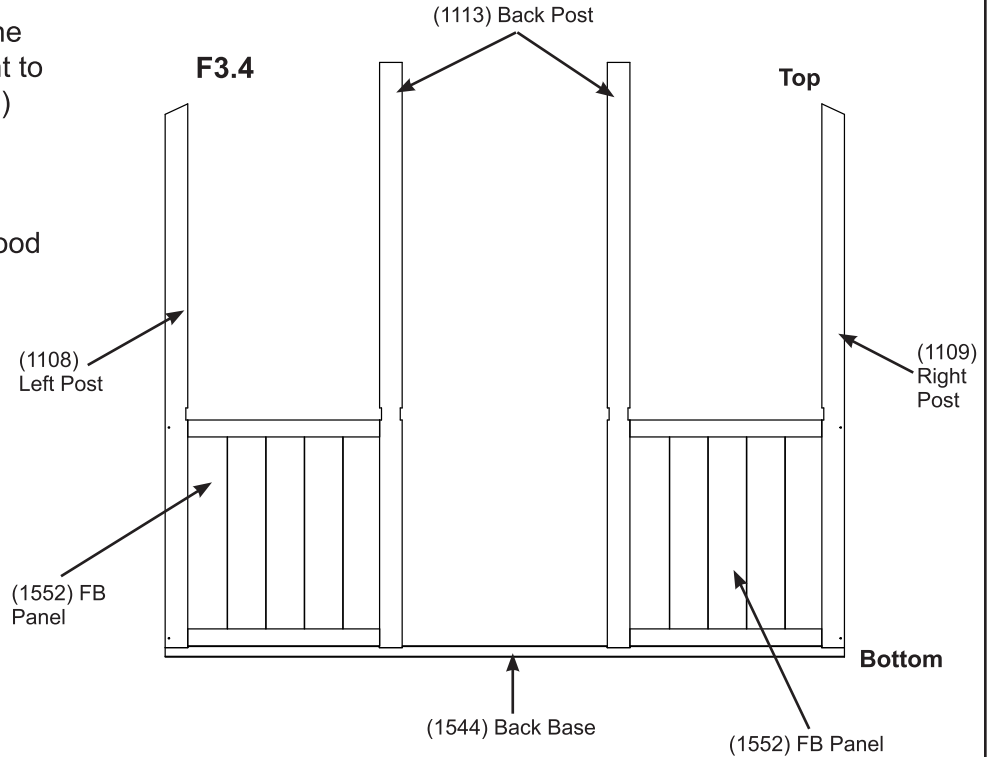
## Hardware

- 4 x #10 x 4" Wood Screw

## Step 3: Back Wall Assembly Part 2

**B:** In the grooves of each post slide one (1552) FB Panel down so they rest tight to the top of the (1544) Back Base. (F3.4)

**C:** Place one (1113) Back Post tight to each (1552) FB Panel then attach to (1544) Back Base with two #10 x 4" Wood Screws per post. (F3.4 and F3.5)



### Wood Parts

2 x (1113) Back Post  
2 x (1552) FB Panel

### Hardware

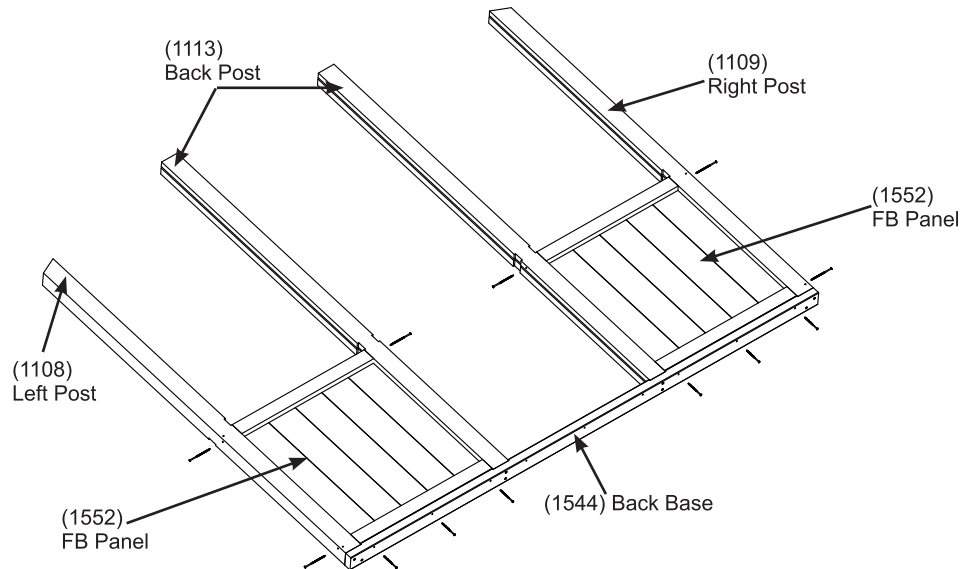
4 x #10 x 4" Wood Screw

## Step 3: Back Wall Assembly Part 3

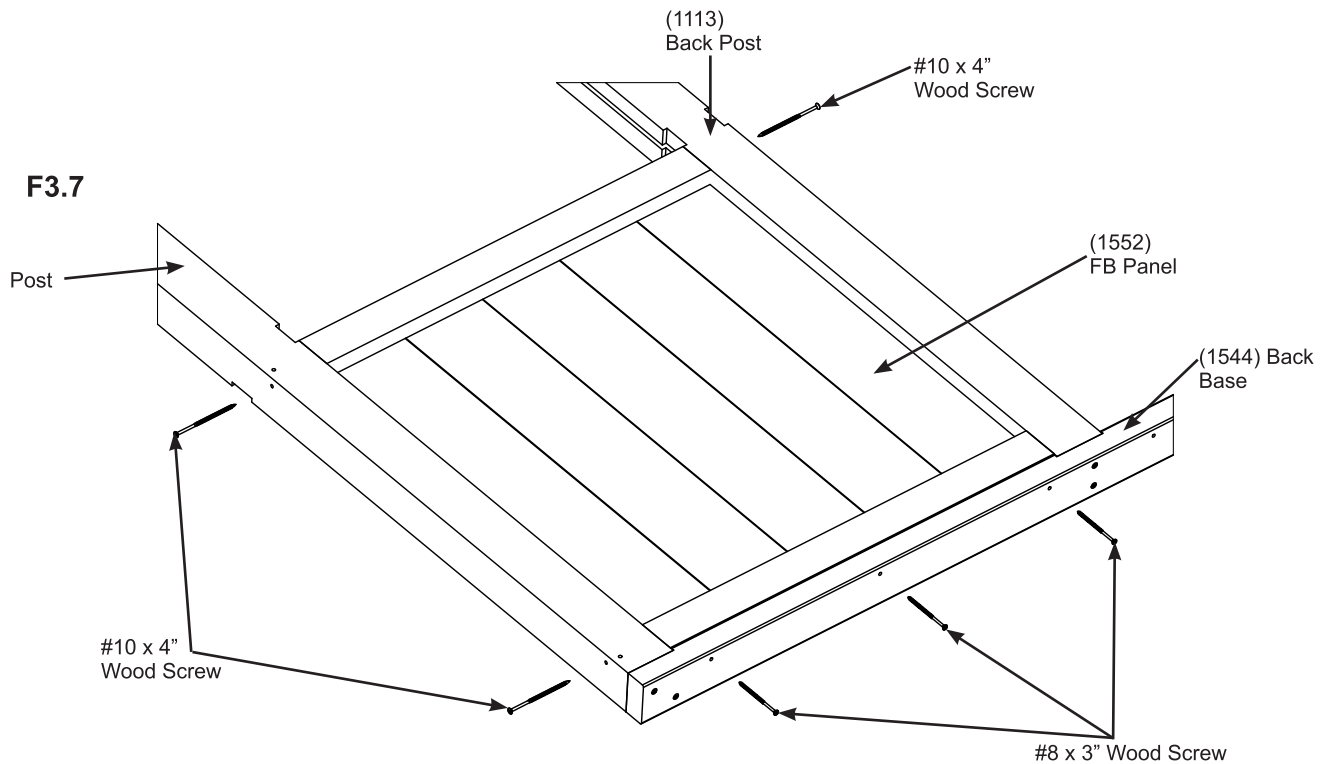
**D:** Attach (1108) Left Post, (1109) Right Post to each (1552) FB Panel with two #10 x 4" Wood Screws per post and each (1113) Back Post to each (1552) FB Panel with one #10 x 4" Wood Screw per post. (F3.6 and F3.7)

**E:** Attach (1544) Back Base to (1552) FB Panels with three #8 x 3" Wood Screws per panel. (F3.6 and F3.7)

**F3.6**



**F3.7**



### Hardware

6 x #10 x 4" Wood Screw

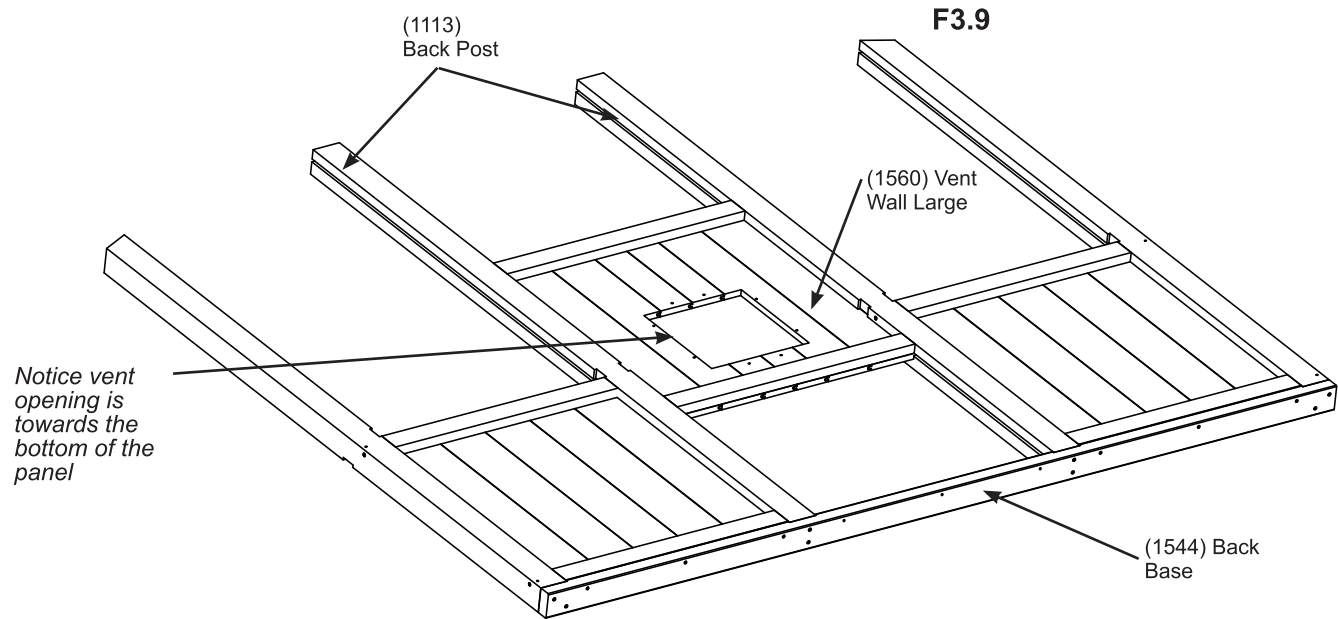
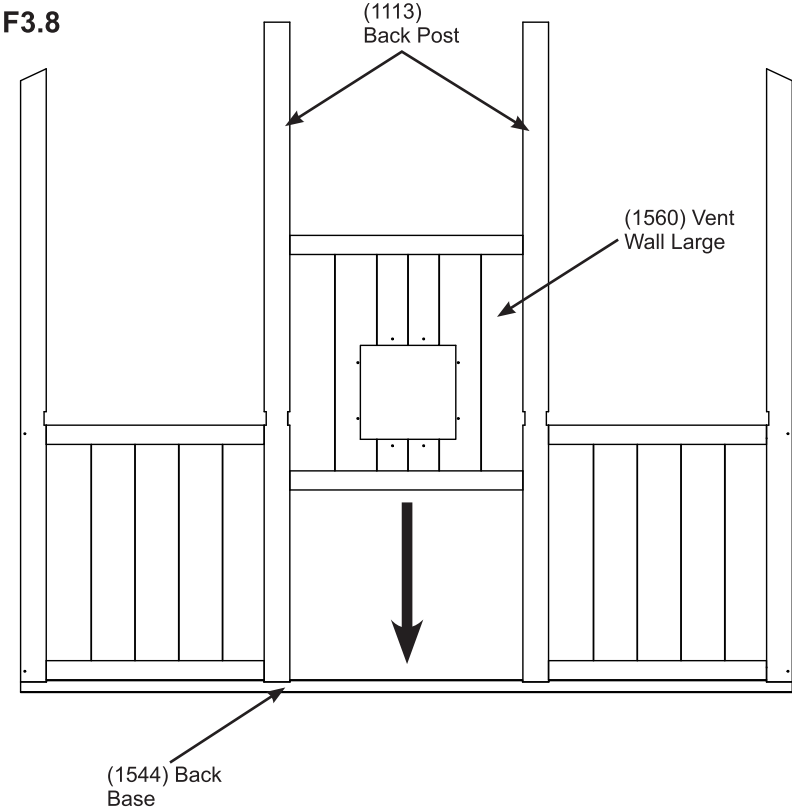
6 x #8 x 3" Wood Screw



# Step 3: Back Wall Assembly

## Part 4

F: In the grooves of each (1113) Back Post slide one (1560) Vent Wall Large down so it rests tight to the top of the (1544) Back Base. Vent opening should be closer to the (1544) Back Base. (F3.8 and F3.9)



**Wood Parts**

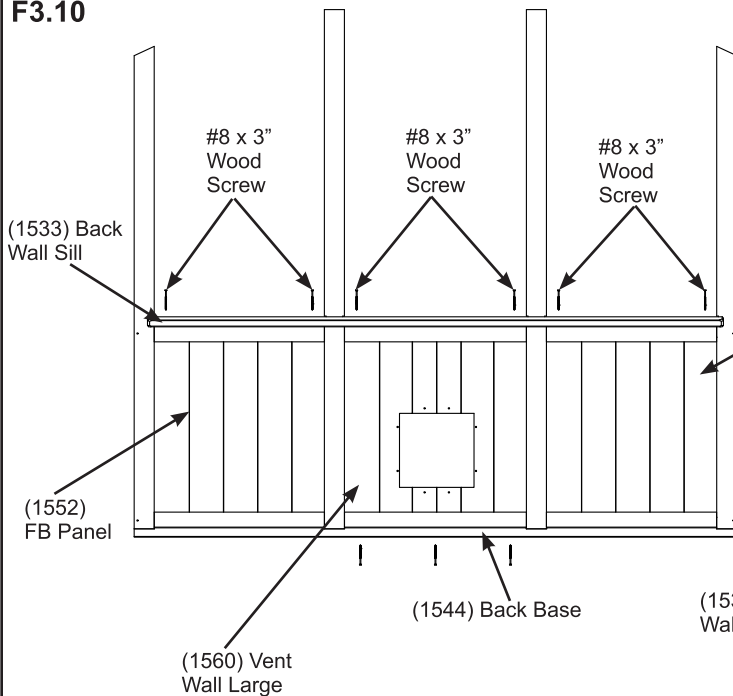
1 x (1560) Vent Wall Large

## Step 3: Back Wall Assembly Part 5

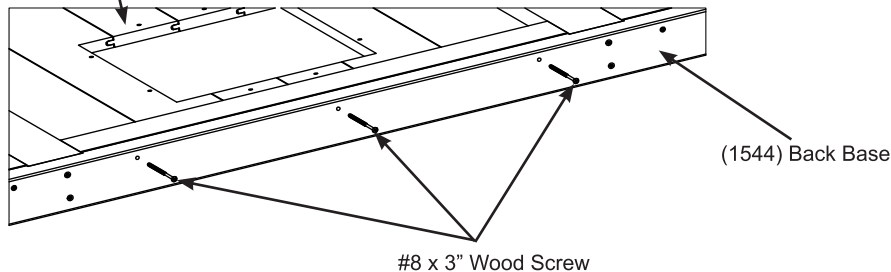
**G:** Attach (1544) Back Base to (1560) Vent Wall Large with three #8 x 3" Wood Screws. (F3.10 and F3.12)

**H:** Place one (1533) Back Wall Sill on top of (1560) Vent Wall Large and each (1552) FB Panel so the notches fit around each (1113) Back Post. Use (1188) Guide Spacer in the grooves of each post and (1533) Back Wall Sill to line up Posts. Attach (1533) Back Wall Sills to (1552) FB Panels and (1560) Vent Wall Large with two #8 x 3" Wood Screws per panel. Remove (1188) Guide Spacers. (F3.10, F3.11 and F3.13)

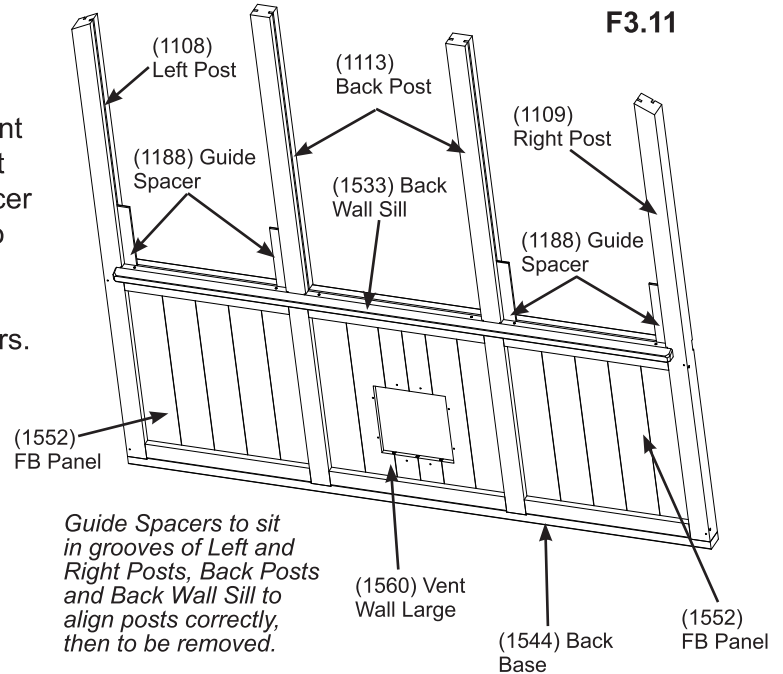
**F3.10**



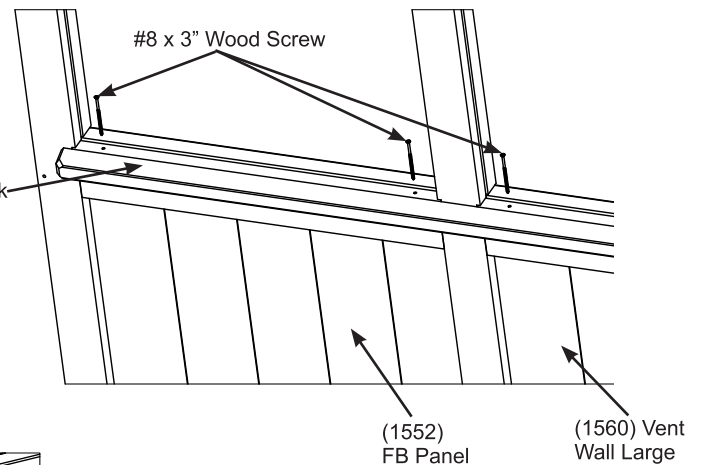
**F3.12**



**F3.11**



**F3.13**



### Wood Parts

1 x (1533) Back Wall Sill

### Hardware

9 x #8 x 3" Wood Screw

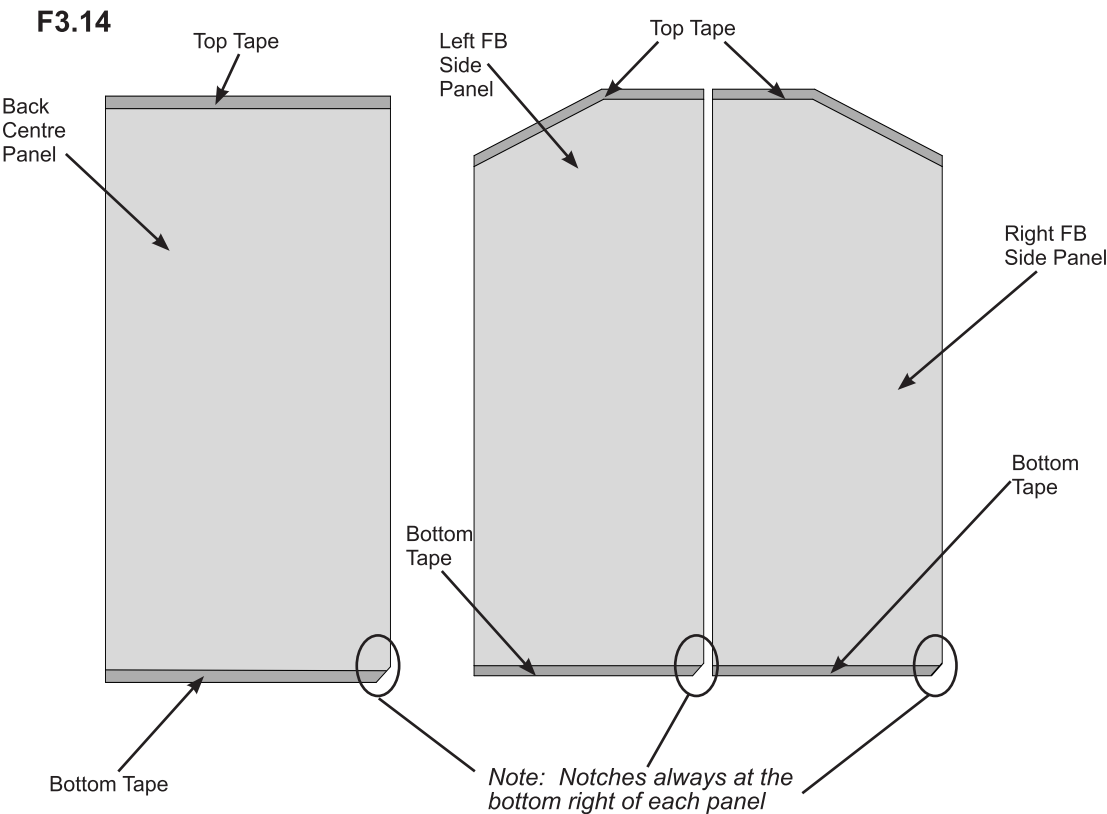
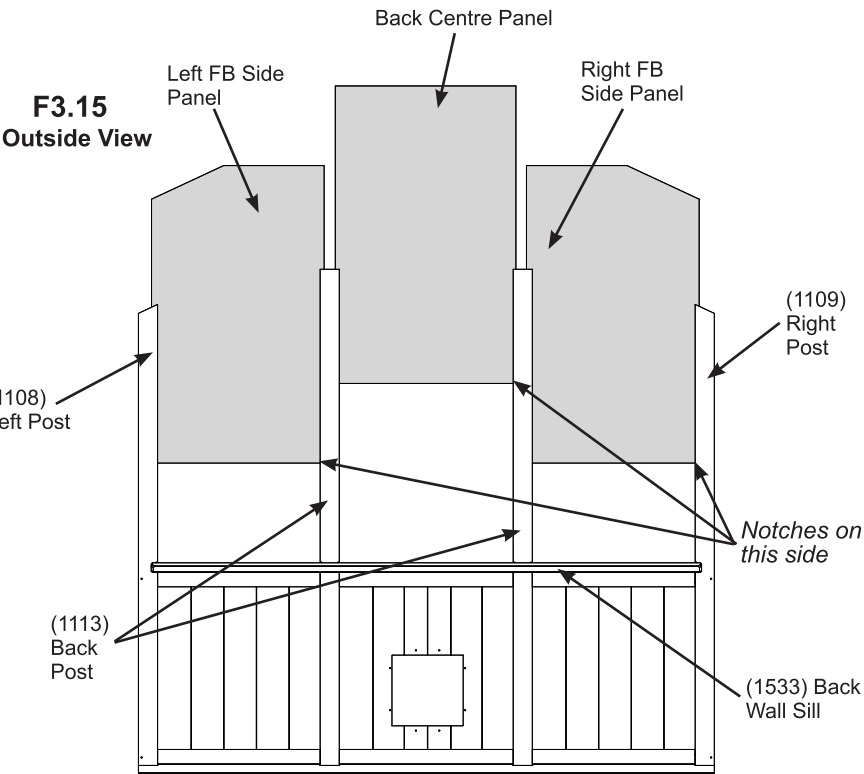
# Step 3: Back Wall Assembly

## Part 6

Remove film from both sides of Left FB Side Panel, Right FB Side Panel and Back Centre Panel.

I: Refer to pages 16 and 17 and apply top and bottom tape to Left FB Side Panel, Right FB Side Panel and Back Centre Panel.

J: In the grooves of Left and Right Posts and Back Post slide Left FB Side Panel and Right FB Side Panel down to fit in the grooves of (1533) Back Wall Sill. In the grooves of Back Posts slide Back Centre Panel down so it fits in the grooves of (1533) Back Wall Sill. Make sure the notch at the bottom is always on the right side of the panel. The UV coated side must be to the outside of the frame. (F3.14 and F3.15)



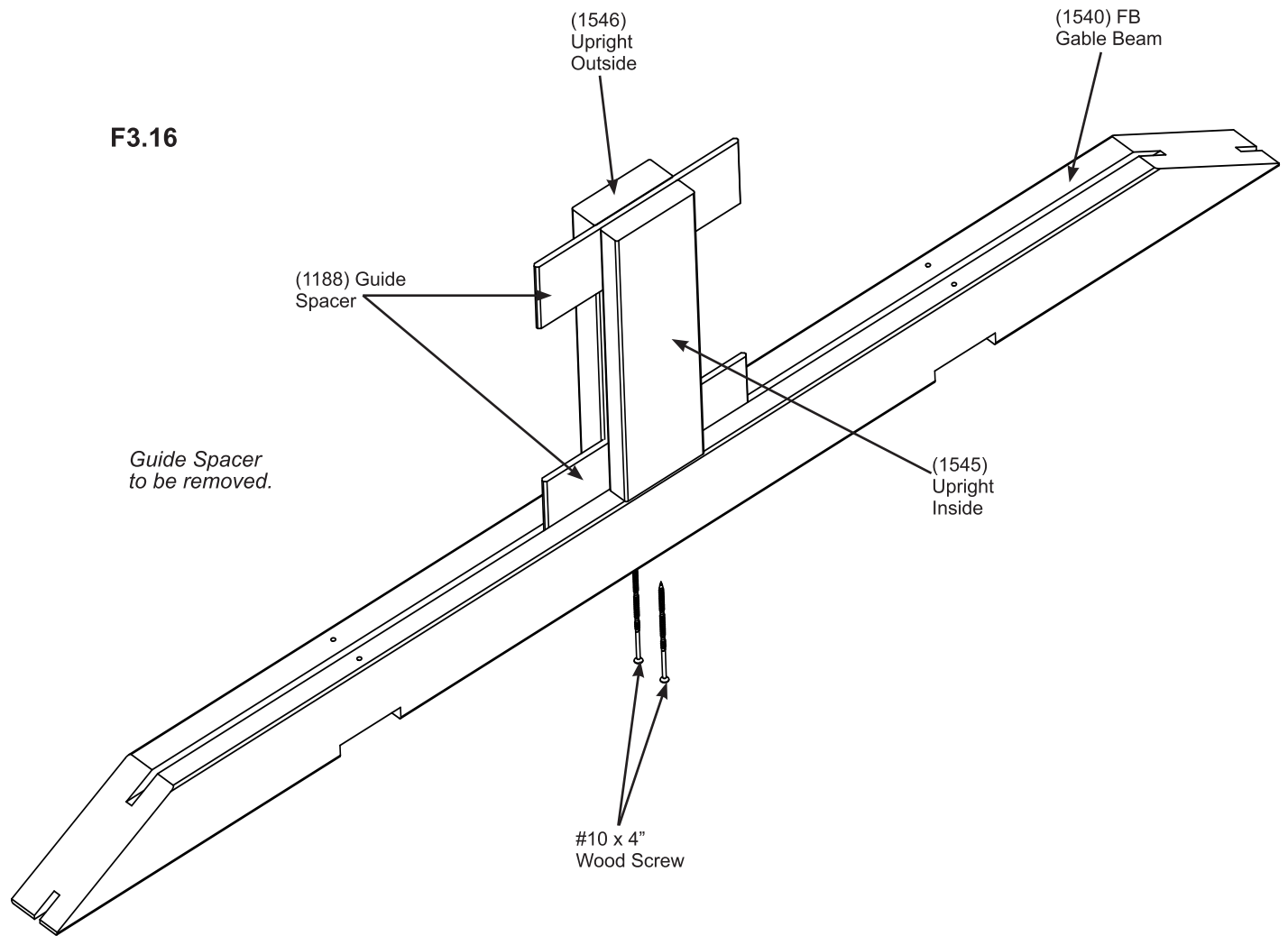
*Note: UV Coating to the outside of the frame*

### Components

- |                         |             |
|-------------------------|-------------|
| 1 x Left FB Side Panel  | Top Tape    |
| 1 x Right FB Side Panel | Bottom Tape |
| 1 x Back Centre Panel   |             |

## Step 3: Back Wall Assembly Part 7

**K:** Place one (1545) Upright Inside and one (1546) Upright Outside centred on the top of (1540) FB Gable Beam. Use one (1188) Guide Spacer in the grooves of (1540) FB Gable Beam and one at the top of the uprights for proper spacing of Uprights. Attach Beam to Uprights with one #10 x 4" Wood Screw per upright. Remove (1188) Guide Spacer. (F3.16)



### Wood Parts

- 1 x (1540) FB Gable Beam
- 1 x (1545) Upright Inside
- 1 x (1546) Upright Outside

### Hardware

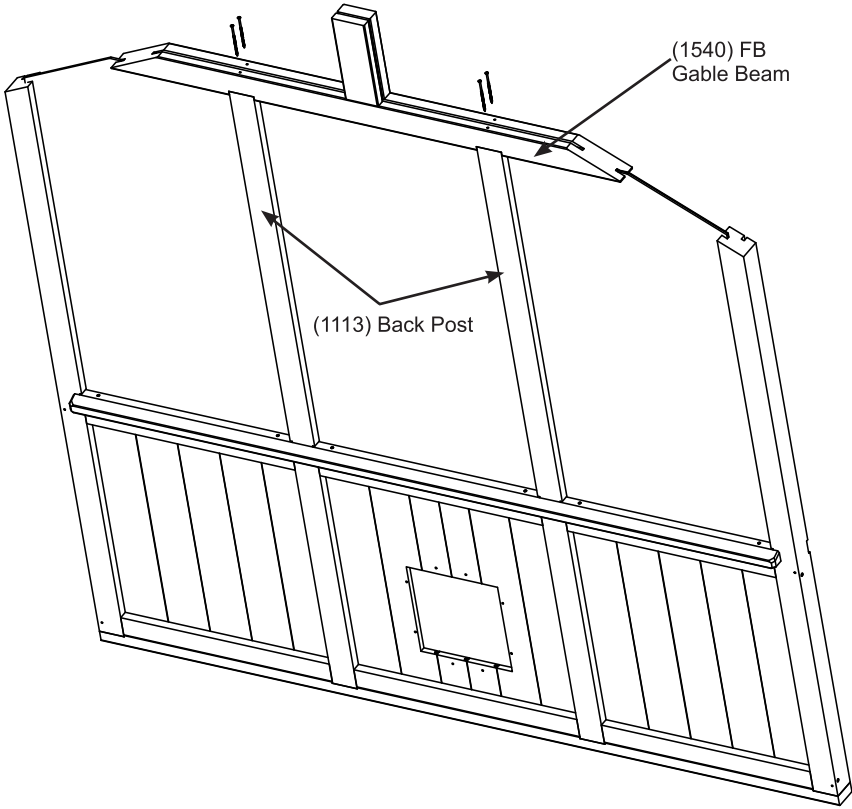
- 2 x #10 x 4" Wood Screw

# Step 3: Back Wall Assembly

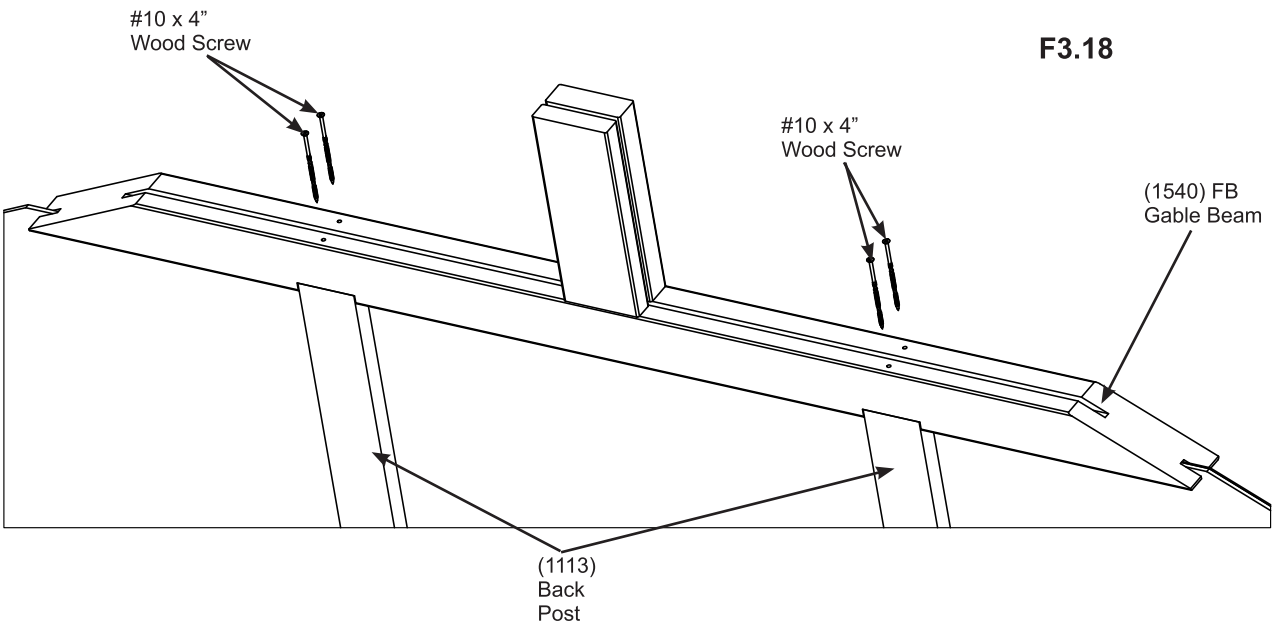
## Part 8

**L:** Place (1540) FB Gable Beam on top of (1113) Back Posts so notches on the bottom fit over the posts then attach with two #10 x 4" Wood Screws per post. (F3.17 and F3.18)

F3.17



F3.18



**Hardware**

4 x #10 x 4" Wood Screw

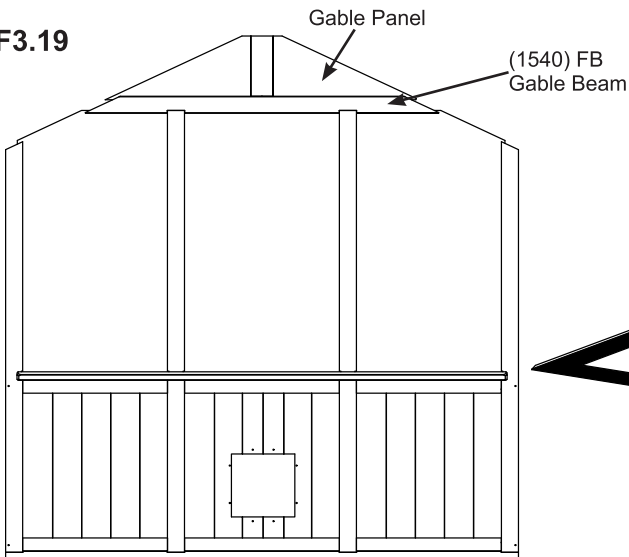
## Step 3: Back Wall Assembly Part 9

**Remove film from both sides of Gable Panel.**

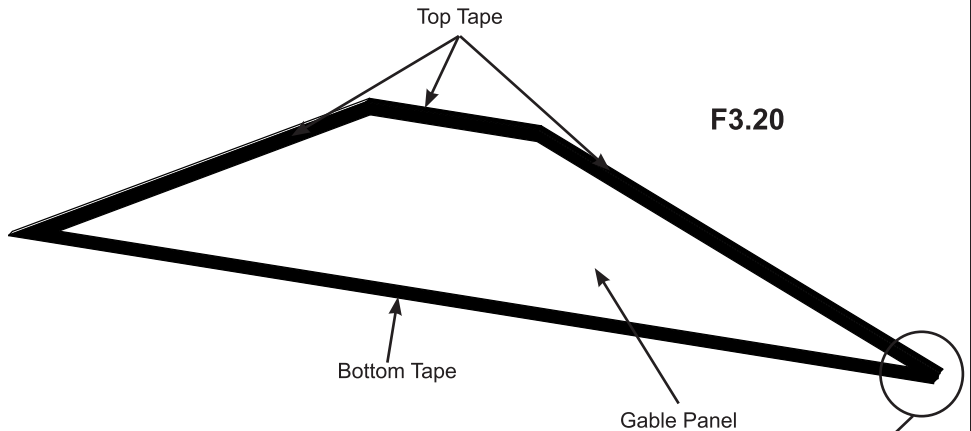
**M:** Refer to pages 16 and 17 and apply top and bottom tape to Gable Panel.

**N:** Slide Gable Panel down into the grooves of (1540) FB Gable Beam, in between (1545) Upright Inside and (1546) Upright Outside. Make sure the notch at the bottom is on the right side of the panel. The UV coated side must be to the outside of the frame. (F3.19, F3.20 and F3.21)

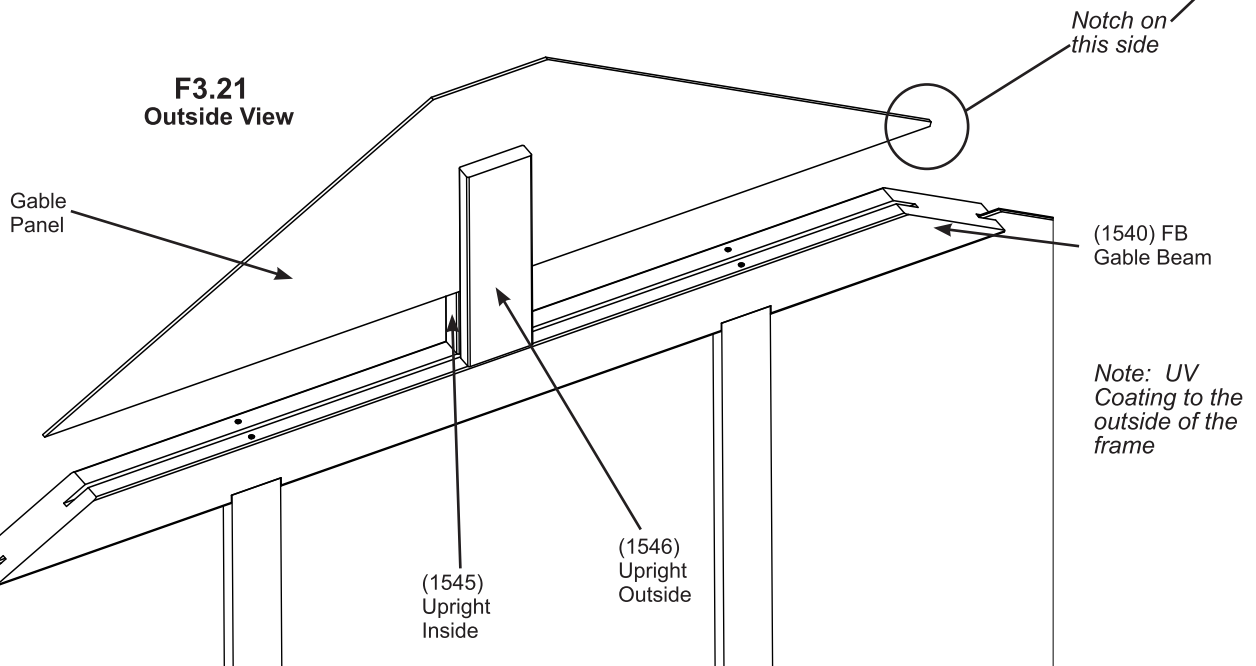
**F3.19**



**F3.20**



**F3.21  
Outside View**



### Components

1 x Gable Panel

Top Tape

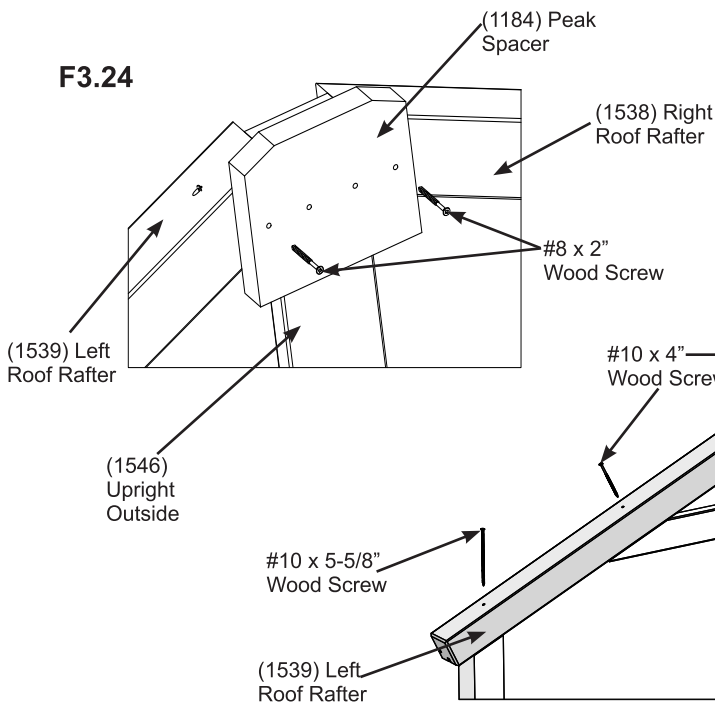
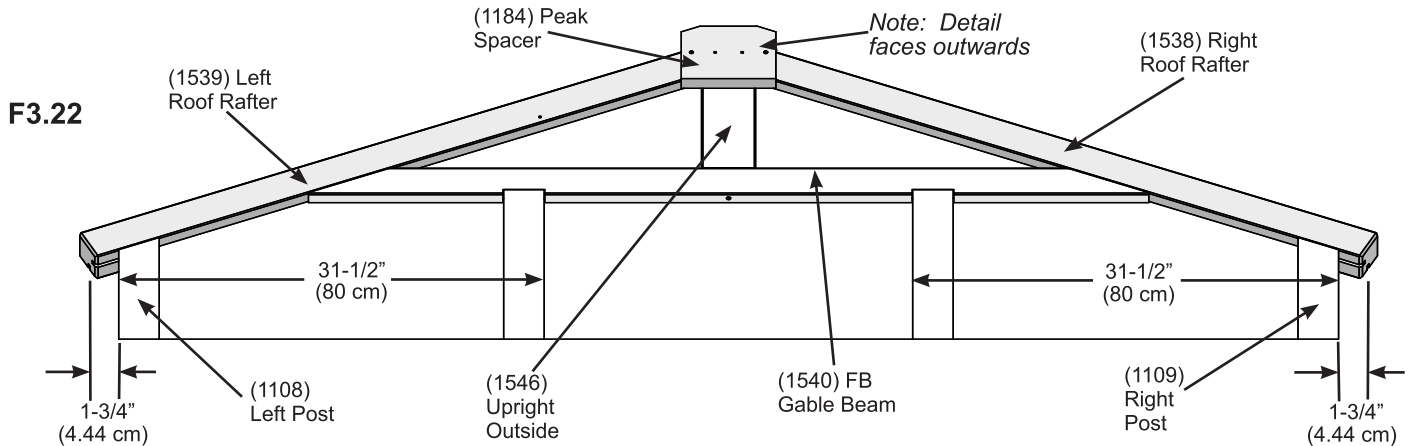
Bottom Tape

## Step 3: Back Wall Assembly Part 10



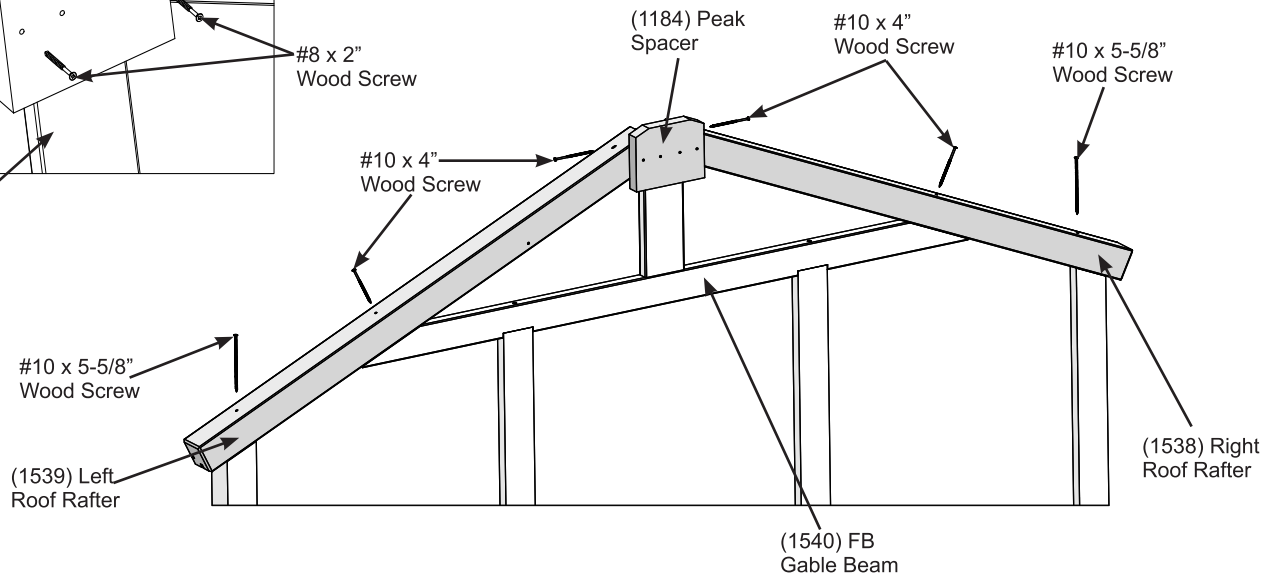
**O:** Place one (1538) Right Roof Rafter and one (1539) Left Roof Rafter on each side of the frame so the ends overhang (1108) Left Post and (1109) Right Post by 1-3/4" (4.44 cm). They will sit on the uprights. Make sure grooves in rafters face inwards. Place one (1184) Peak Spacer between (1538) Right Roof Rafter and (1539) Left Roof Rafter so the detail is on the outside of the assembly. Attach rafters to posts with one #10 x 5-5/8" Wood Screw per post and to (1540) FB Gable Beam with one #10 x 4" Wood Screw per rafter. The distance from outside of the Left and Right Post to the inside of the Mid Posts should be 31-1/2" (80 cm) (F3.22 and F3.23)

**P:** Attach each rafter to Peak Spacer with one #10 x 4" Wood Screw per rafter. Attach (1184) Peak Spacer to rafters with two #8 x 2" Wood Screws. (F3.23 and F3.24)



Note: Grooves in rafters face inwards

**F3.23  
Outside View**



### Wood Parts

- 1 x (1538) Right Roof Rafter
- 1 x (1539) Left Roof Rafter
- 1 x (1184) Peak Spacer

### Hardware

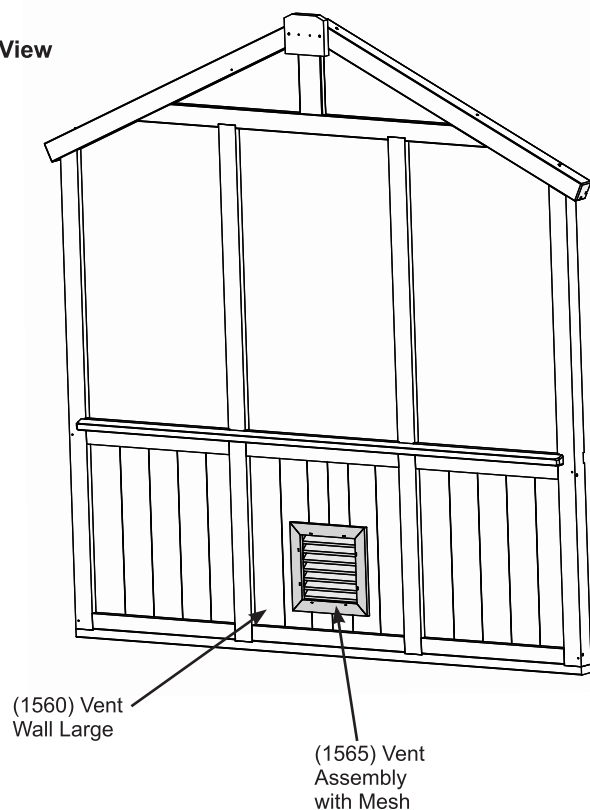
- 2 x #10 x 5-5/8" Wood Screw
- 4 x #10 x 4" Wood Screw
- 2 x #8 x 2" Wood Screw

## Step 3: Back Wall Assembly Part 11

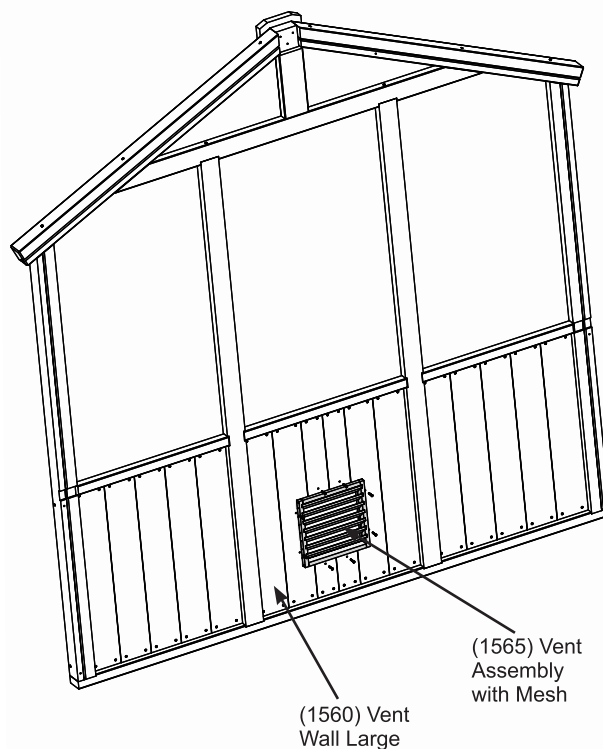
**Q:** From the outside of the frame insert the (1565) Vent Assembly with Mesh into the vent opening of (1560) Vent Wall Large so the louvers are facing upwards. (F3.25)

**R:** On the inside of the frame attach the (1565) Vent Assembly with Mesh with eight #8 x 1-1/8" Wood Screws (F3.26 & F3.27)

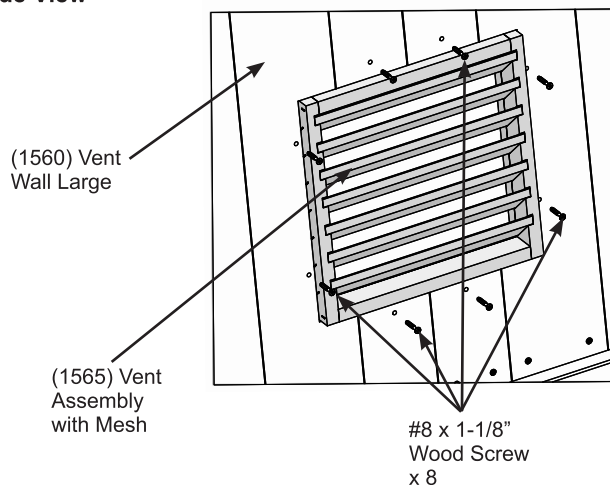
**F3.25**  
Outside View



**F3.26**  
Inside View



**F3.27**  
Inside View



### Wood Parts

1 x (1565) Vent Assembly with Mesh

### Hardware

8 x #8 x 1-1/8" Wood Screw

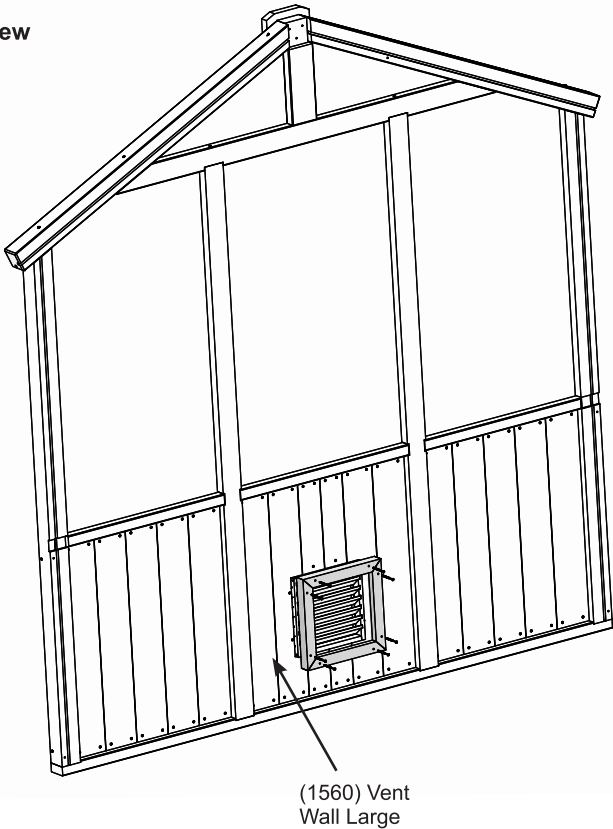


# Step 3: Back Wall Assembly

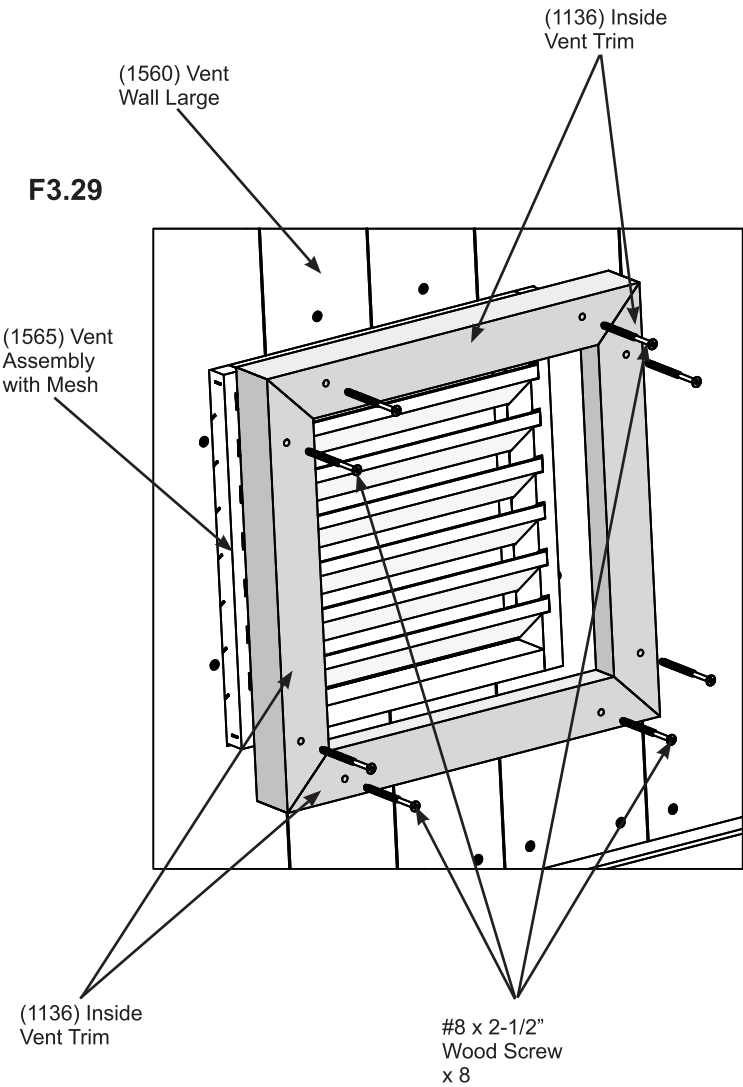
## Part 12

**S:** On the inside of the frame attach four (1136) Inside Vent Trims around opening in (1560) Vent Wall Large using two #8 x 2-1/2" Wood Screws per trim. (F3.28 and F3.29)

**F3.28**  
Inside View



**F3.29**



**Wood Parts**

4 x (1136) Inside Vent Trim

**Hardware**

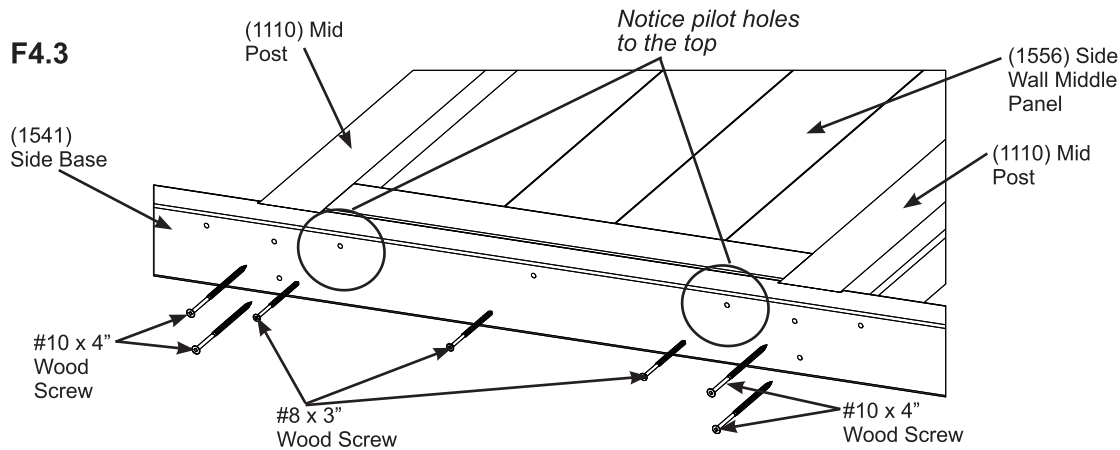
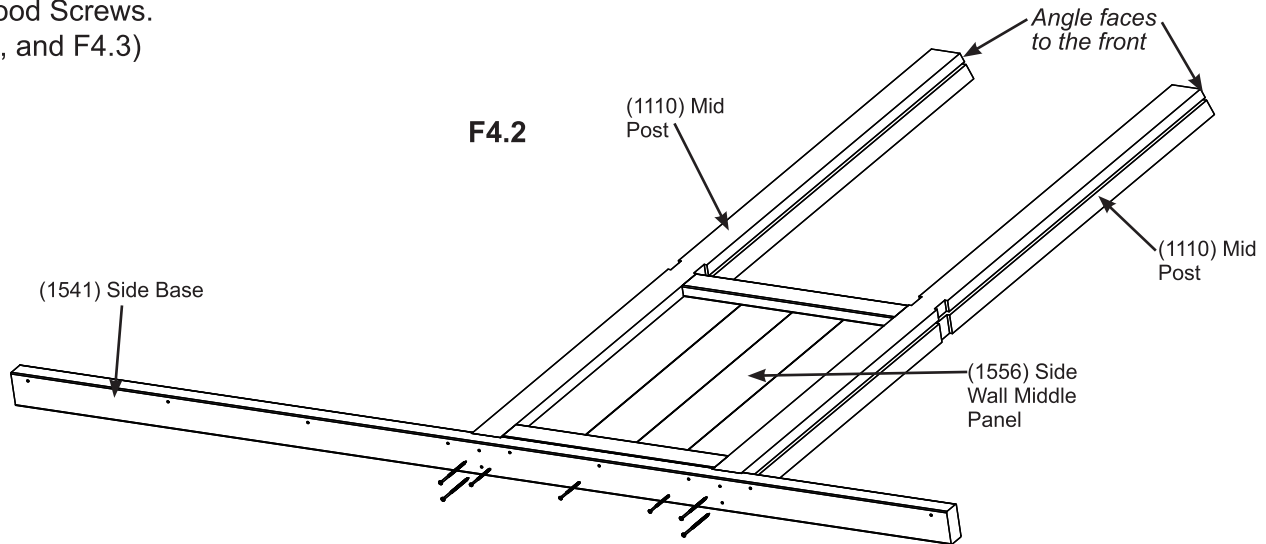
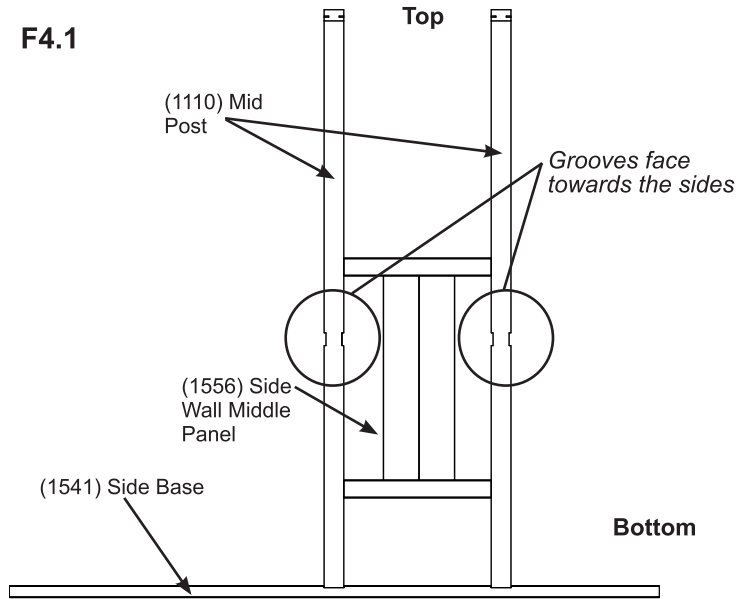
8 x #8 x 2-1/2" Wood Screw

## Step 4: Side Wall Assembly Part 1

**A:** Place two (1110) Mid Posts onto one (1541) Side Base. Make sure grooves in posts are facing the sides and angle at the top of the posts are towards the front. (F4.1 and F4.2)

**B:** In the grooves of both (1110) Mid Posts slide one (1556) Side Wall Middle Panel down so it rests tight to the top of the (1541) Side Base. (F4.1 and F4.2)

**C:** At the bottom of both (1110) Mid Posts attach (1541) Side Base with two #10 x 4" Wood Screws per post. Attach (1541) Side Base to (1556) Side Wall Middle Panel with three #8 x 3" Wood Screws. (F4.2, and F4.3)



### Wood Parts

- 4 x (1110) Mid Post
- 2 x (1541) Side Base
- 2 x (1556) Side Wall Middle Panel

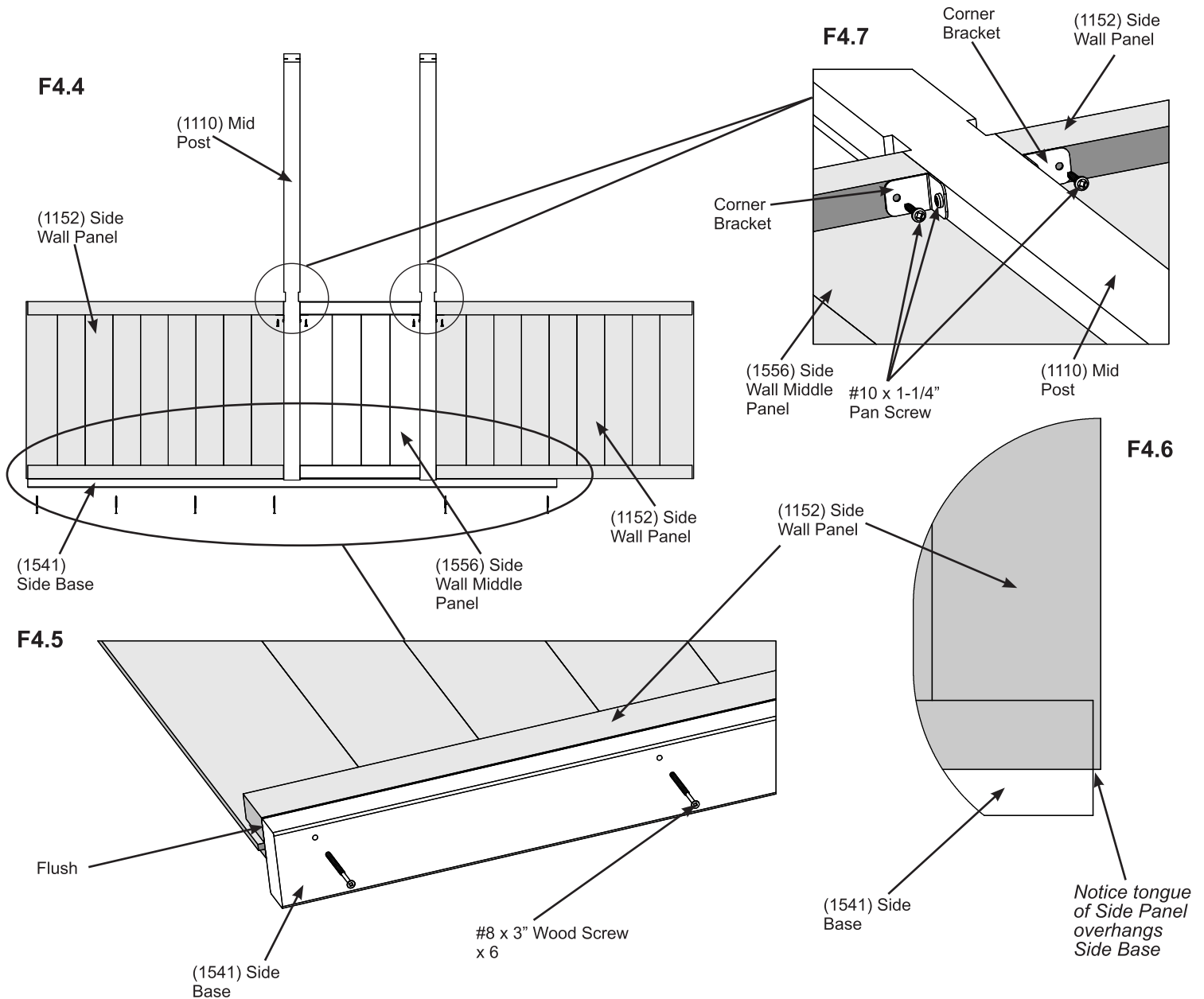
### Hardware

- 8 x #10 x 4" Wood Screw
- 6 x #8 x 3" Wood Screw

## Step 4: Side Wall Assembly Part 2

**D:** On the outside of each (1110) Mid Post, in the grooves, slide one (1152) Side Wall Panel down so they rest tight to the top of the (1541) Side Base. The Left end of (1541) Side Base and left (1152) Side Wall Panel should be flush. The tongue of the panel will overhang the base. Attach (1541) Side Base to (1152) Side Wall Panels with six #8 x 3" Wood Screws. (F4.4, F4.5 and F4.6)

**E:** Using one Corner Bracket per (1152) Side Wall Panel and two for the (1556) Side Wall Middle Panel attach (1110) Mid Posts to each panel with two #10 x 1-1/4" Pan Screws per bracket. (F4.4 and F4.7)



### Wood Parts

4 x (1152) Side Wall Panel

### Components

8 x Corner Bracket

### Hardware

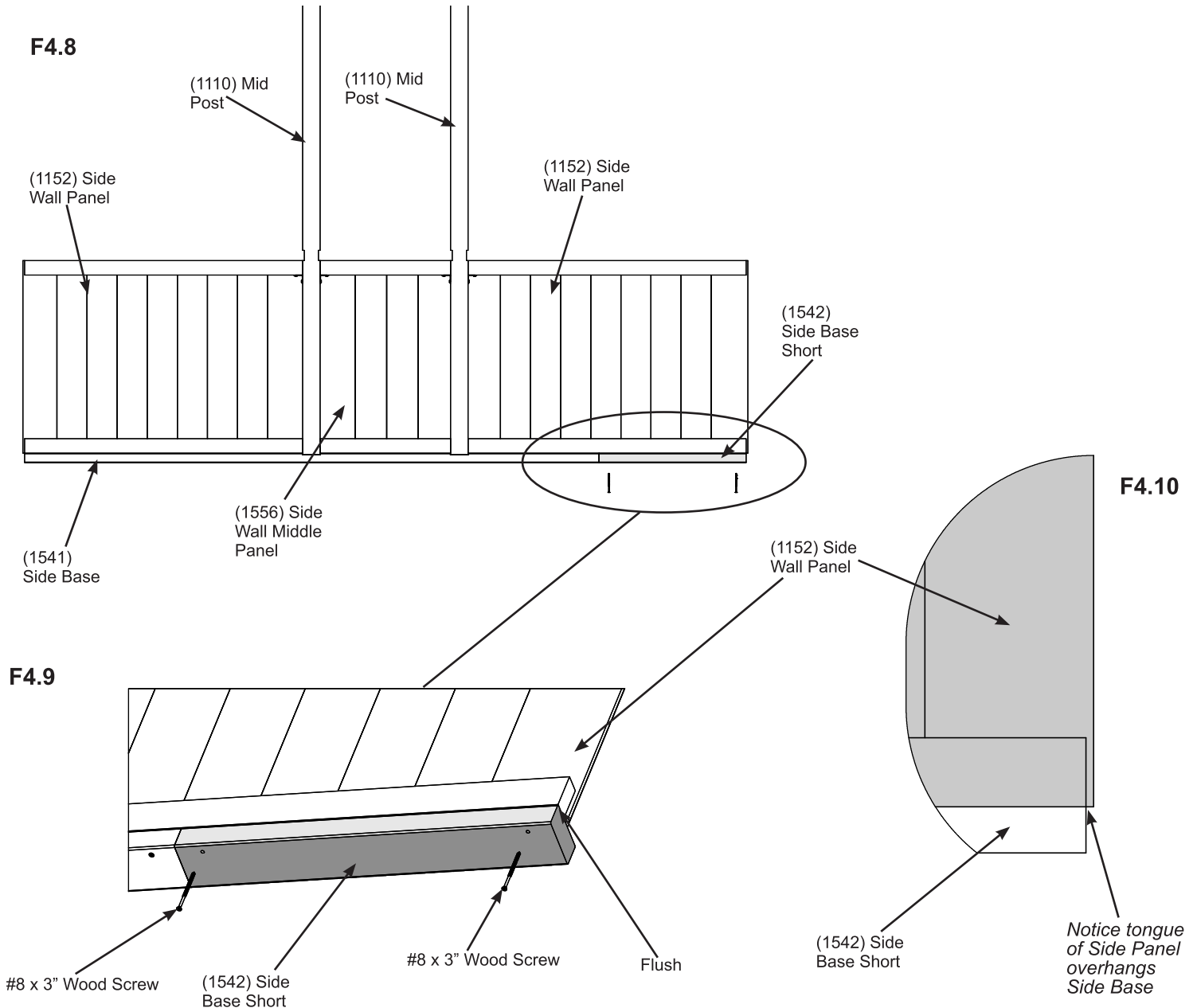
12 x #8 x 3" Wood Screw

16 x #10 x 1-1/4" Pan Screw

## Step 4: Side Wall Assembly Part 3

**F:** Place (1542) Side Base Short on the bottom of the right (1152) Side Wall Panel so the ends are flush. The tongue of the panel will overhang the base. Attach (1542) Side Base Short to (1152) Side Wall Panel with two #8 x 3" Wood Screws. (F4.8, F4.9 and F4.10)

**G:** Repeat Steps A-F for a second Side Wall Assembly.



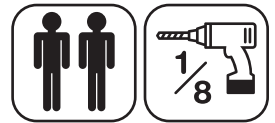
### Wood Parts

2 x (1542) Side Base Short

### Hardware

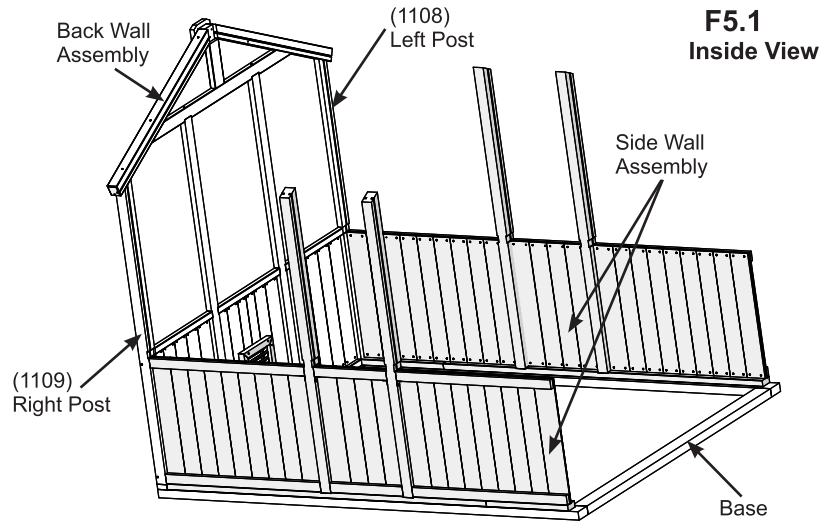
4 x #8 x 3" Wood Screw

# Step 5: Connect Wall Assemblies Part 1

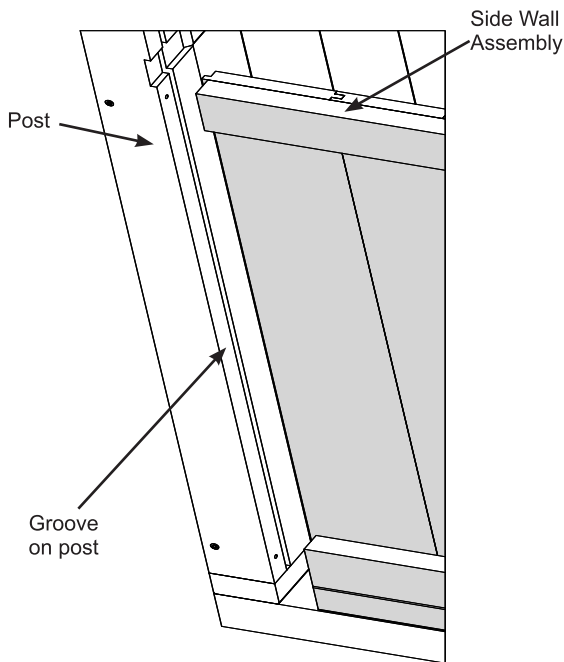


If using a treated lumber base it should be placed in the final location. Images will only show treated lumber base. Same instructions apply for concrete base, unless otherwise specified.

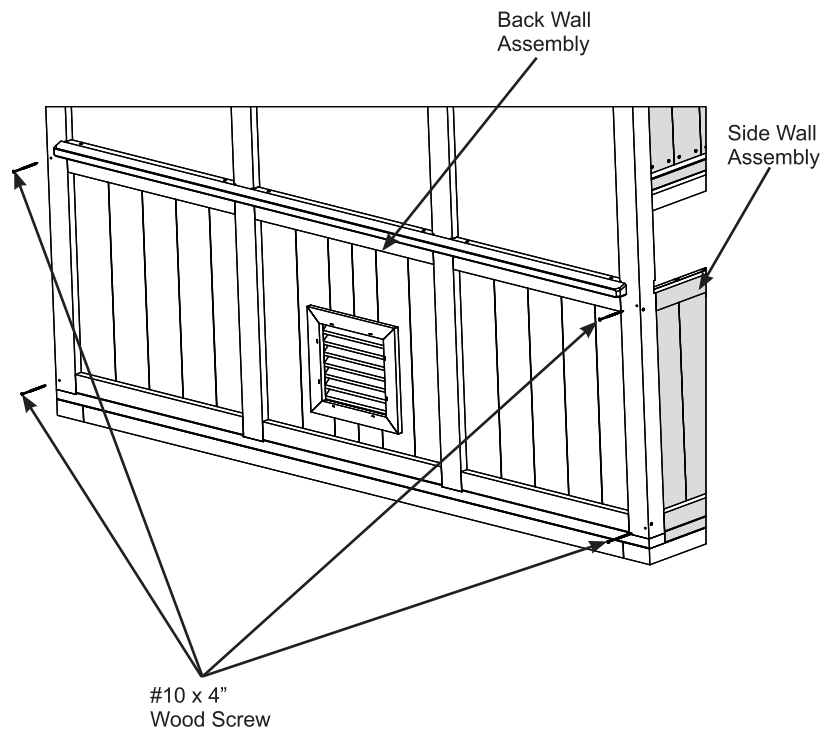
**A:** With a helper, stand Back Wall Assembly on base then slide Side Wall Assemblies into grooves of (1108) Left Post and (1109) Right Post. Pre-drill with a 1/8" drill bit then attach Back Wall Assembly to Side Wall Assemblies with two #10 x 4" Wood Screws per side. (F5.1, F5.2 and F5.3)



**F5.2  
Inside View**



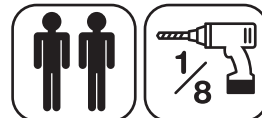
**F5.3  
Outside View**



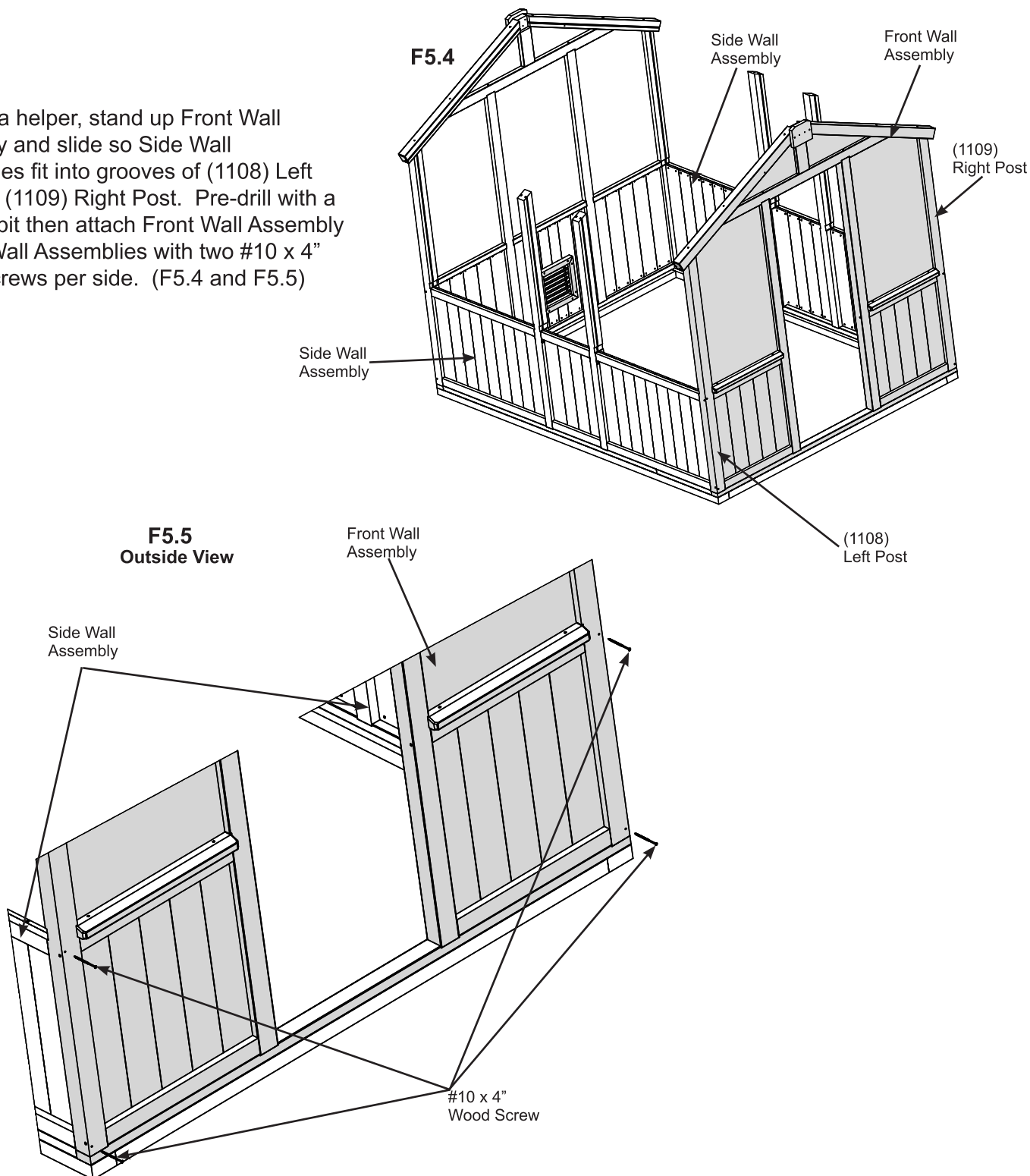
## Hardware

4 x #10 x 4" Wood Screw

## Step 5: Connect Wall Assemblies Part 2



**B:** With a helper, stand up Front Wall Assembly and slide so Side Wall Assemblies fit into grooves of (1108) Left Post and (1109) Right Post. Pre-drill with a 1/8" drill bit then attach Front Wall Assembly to Side Wall Assemblies with two #10 x 4" Wood Screws per side. (F5.4 and F5.5)



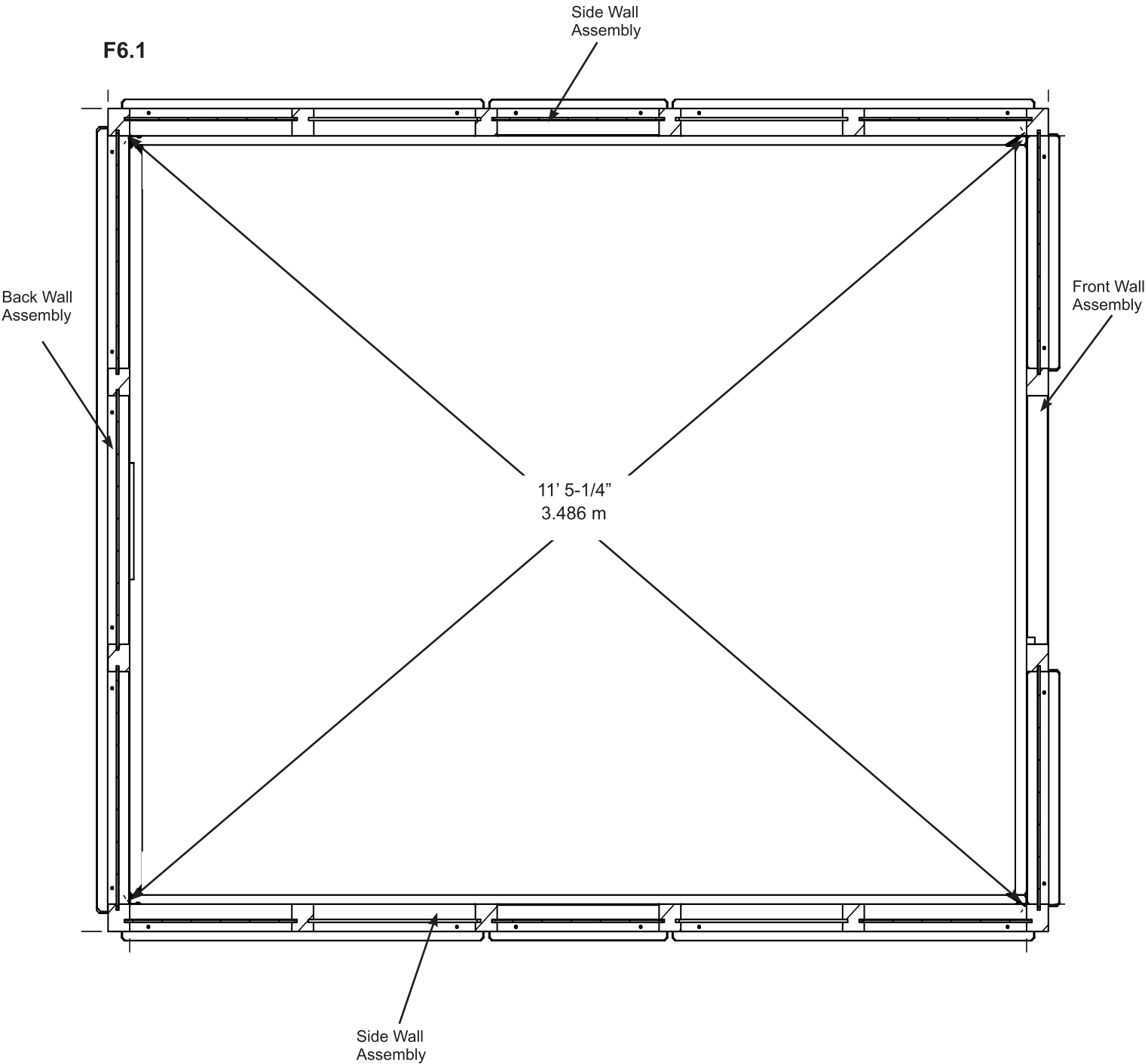
### Hardware

4 x #10 x 4" Wood Screw

# Step 6: Square Assembly



**A:** Make sure assembly is square and the diagonal distance from the inside of one post to the inside of the opposite post is 11' 5-1/4" (3.486 m). (F6.1)

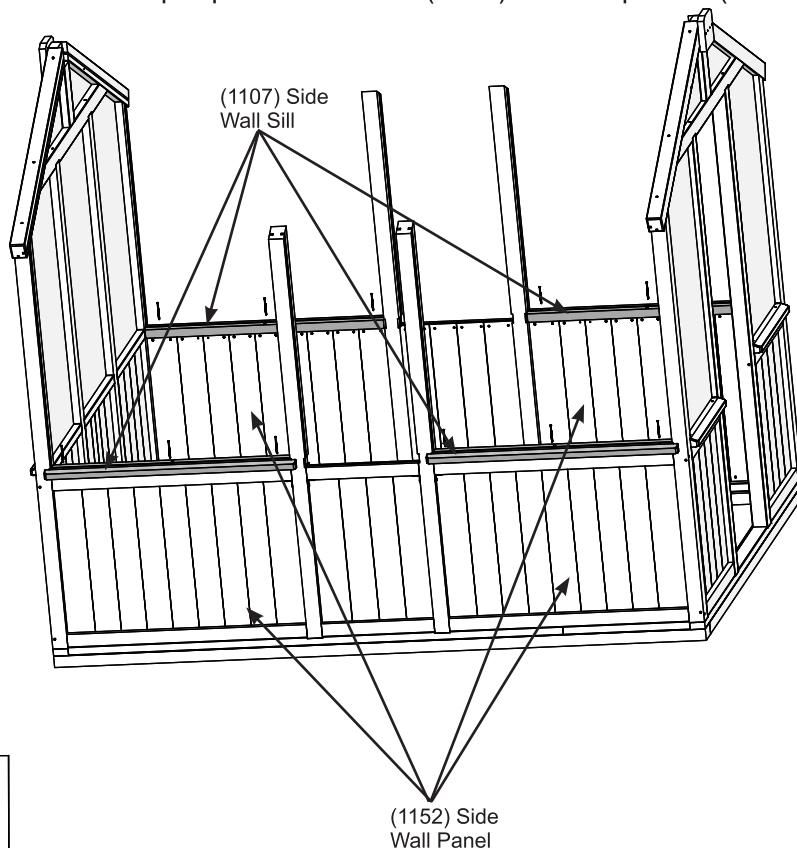


# Step 7: Attach Side Wall Sills

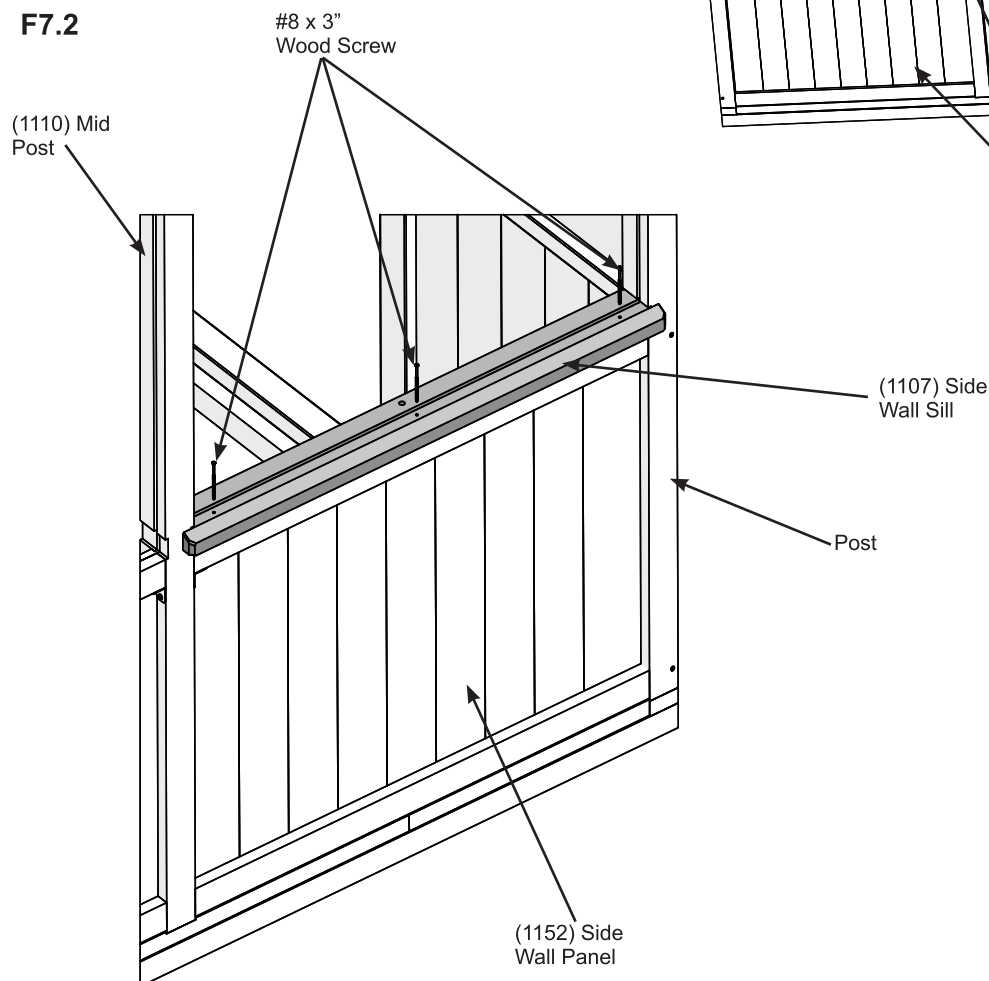
## Part 1

**A:** Place one (1107) Side Wall Sill on top of each (1152) Side Wall Panel. Use one (1188) Guide Spacer in the grooves of each post and (1107) Side Wall Sill to line up posts with (1110) Mid Posts. Attach (1107) Side Wall Sills to (1152) Side Wall Panels with three #8 x 3" Wood Screws per panel. Remove (1188) Guide Spacer. (F7.1 and F7.2)

**F7.1**



**F7.2**



*Guide Spacers to sit in grooves of Posts and Side Wall Sill to align Side Wall Sill correctly, then to be removed.*

### Wood Parts

4 x (1107) Side Wall Sill

### Hardware

12 x #8 x 3" Wood Screw

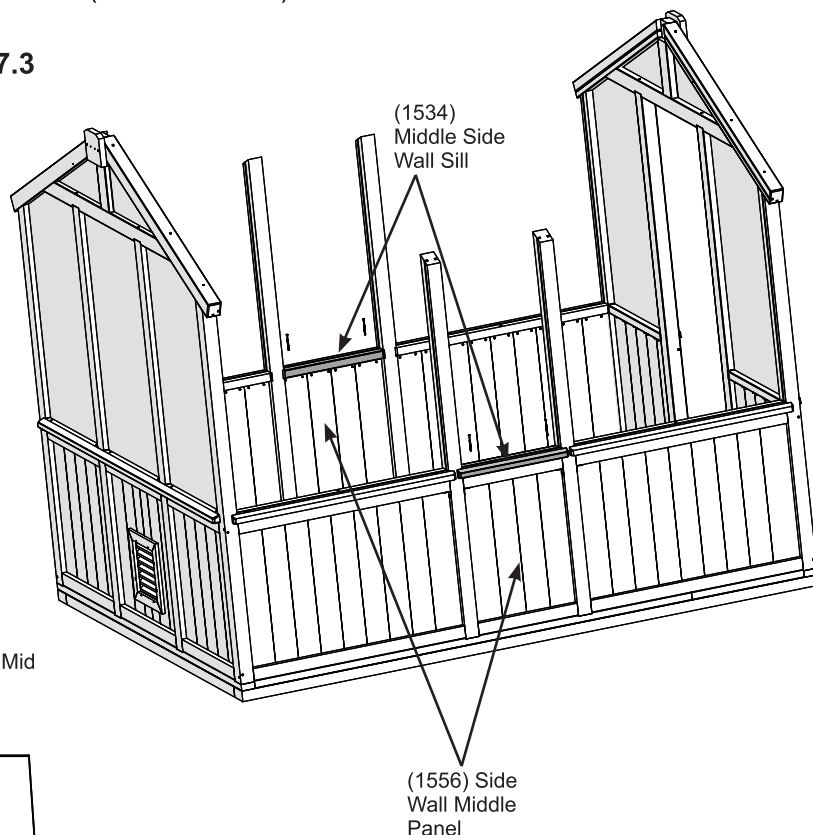


# Step 7: Attach Side Wall Sills

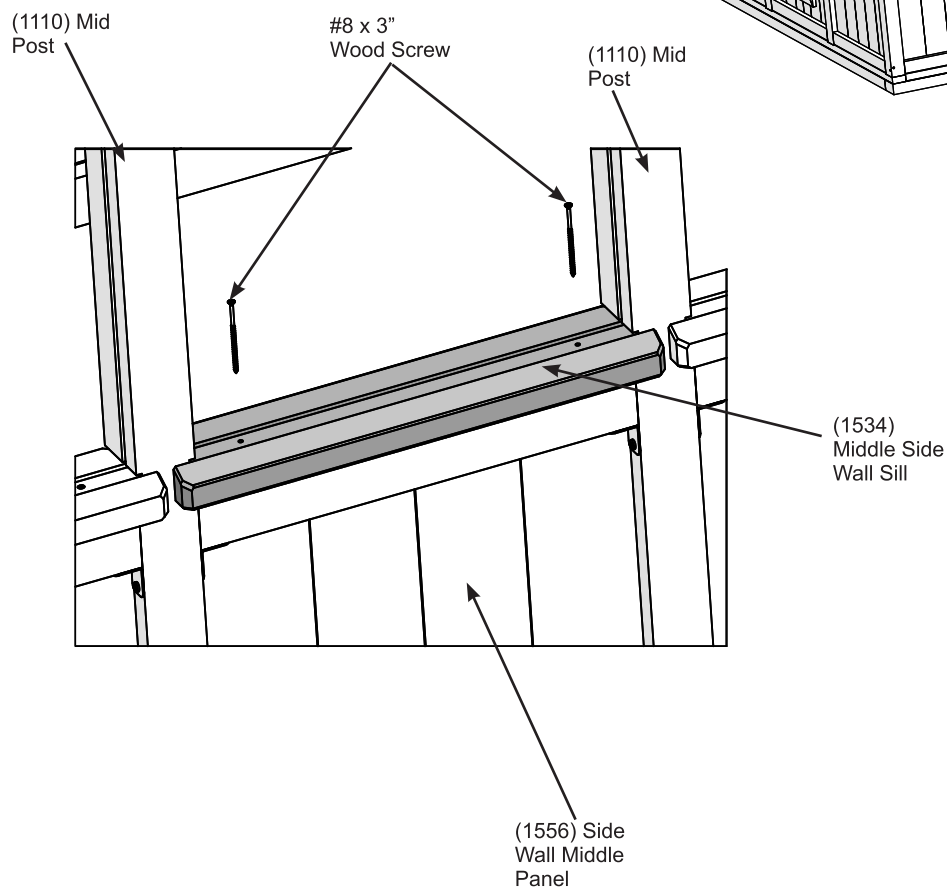
## Part 2

**B:** Place one (1534) Middle Side Wall Sill on top of each (1556) Side Wall Middle Panel. Use one (1188) Guide Spacer in the grooves of each (1110) Middle Post and (1534) Middle Side Wall Sill to line up Middle Posts with Middle Side Wall Sill. Attach (1534) Middle Side Wall Sills to (1556) Side Wall Middle Panels with two #8 x 3" Wood Screws per panel. Remove (1188) Guide Spacer. (F7.3 and F7.4)

**F7.3**



**F7.4**



*Guide Spacers to sit in grooves of Middle Posts and Middle Side Wall Sill to align Middle Side Wall Sill correctly, then to be removed.*

### Wood Parts

2 x (1534) Middle Side Wall Sill

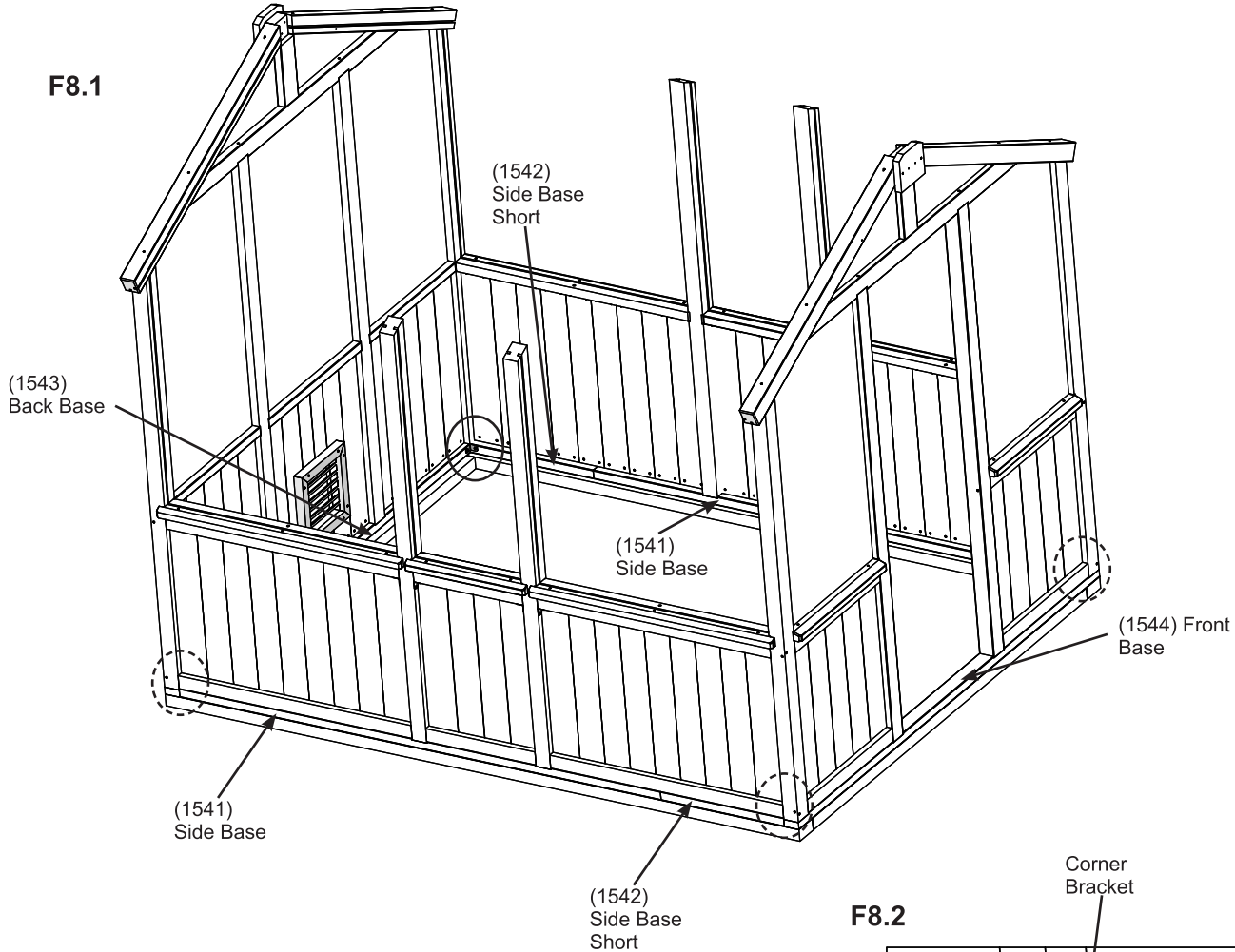
### Hardware

4 x #8 x 3" Wood Screw

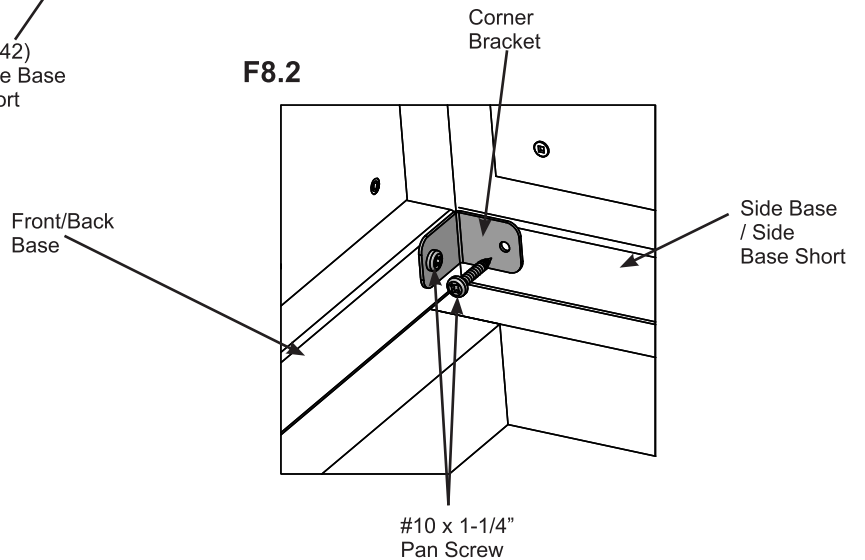
## Step 8: Attach Corner Brackets Part 1

**A:** On the inside of the assembly, using one Corner Bracket per corner connect (1543) Front Base and (1544) Back Base to (1541) Side Bases and (1542) Side Base Shorts with two #10 x 1-1/4" Pan Screws per bracket. (F8.1 and F8.2)

**F8.1**



**F8.2**



### Components

4 x Corner Bracket

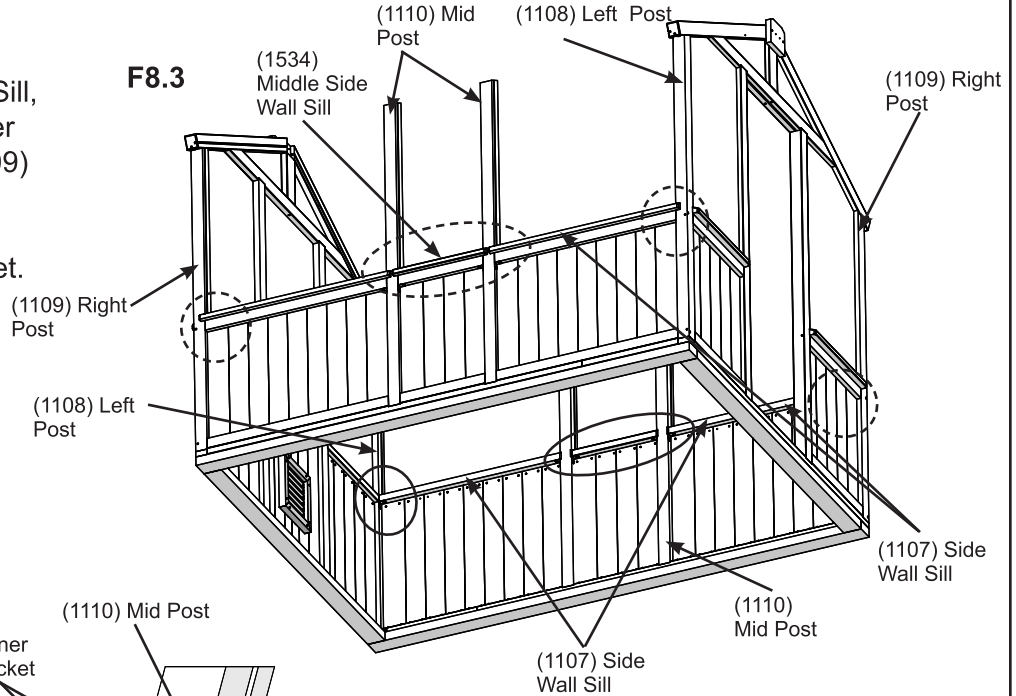
### Hardware

8 x #10 x 1-1/4" Pan Screw

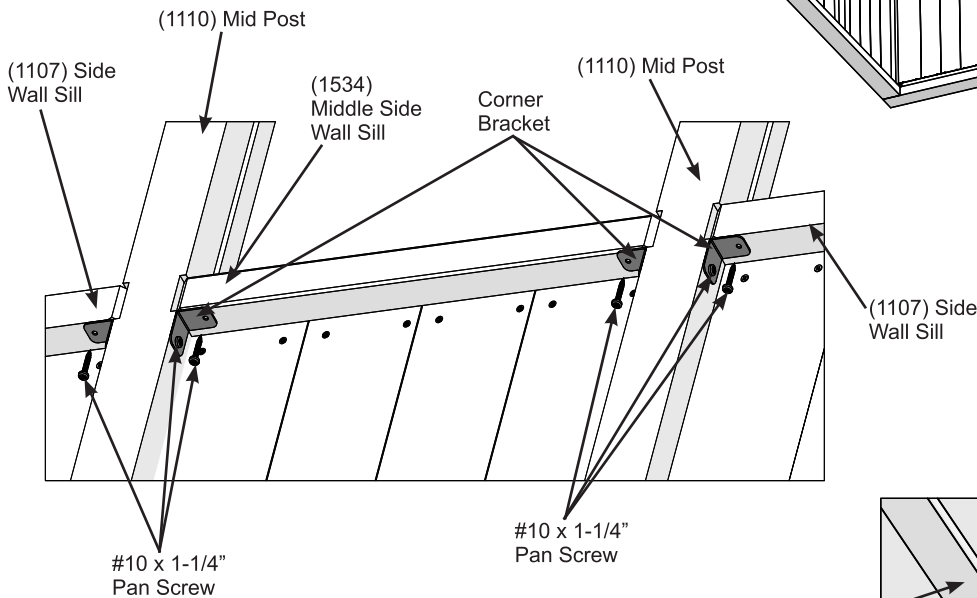
## Step 8: Attach Corner Brackets Part 2

**B:** On the inside of the assembly, underneath each (1107) Side Wall Sill, using one Corner Bracket per corner connect each (1108) Left Post, (1109) Right Post and (1110) Mid Post to each (1107) Side Wall Sill with two #10 x 1-1/4" Pan Screws per bracket. (F8.3, F8.4 and F8.5)

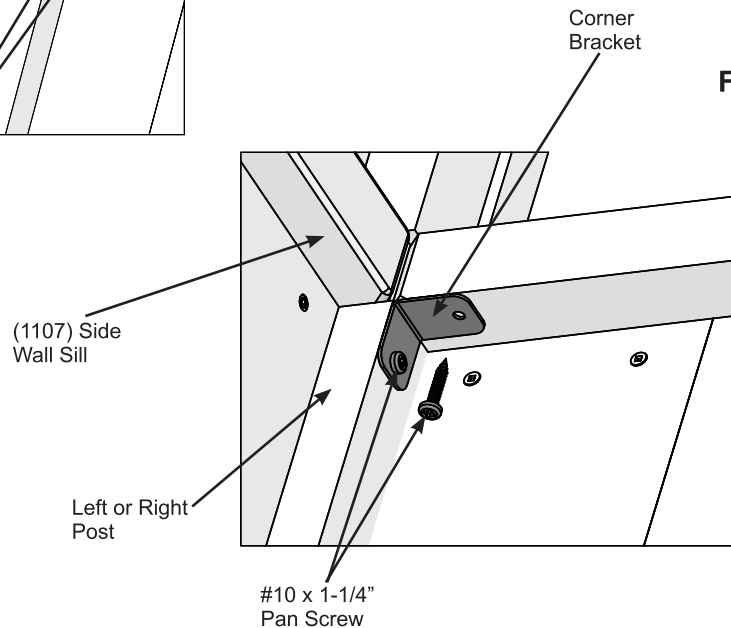
**F8.3**



**F8.4**



**F8.5**



### Components

12 x Corner Bracket

### Hardware

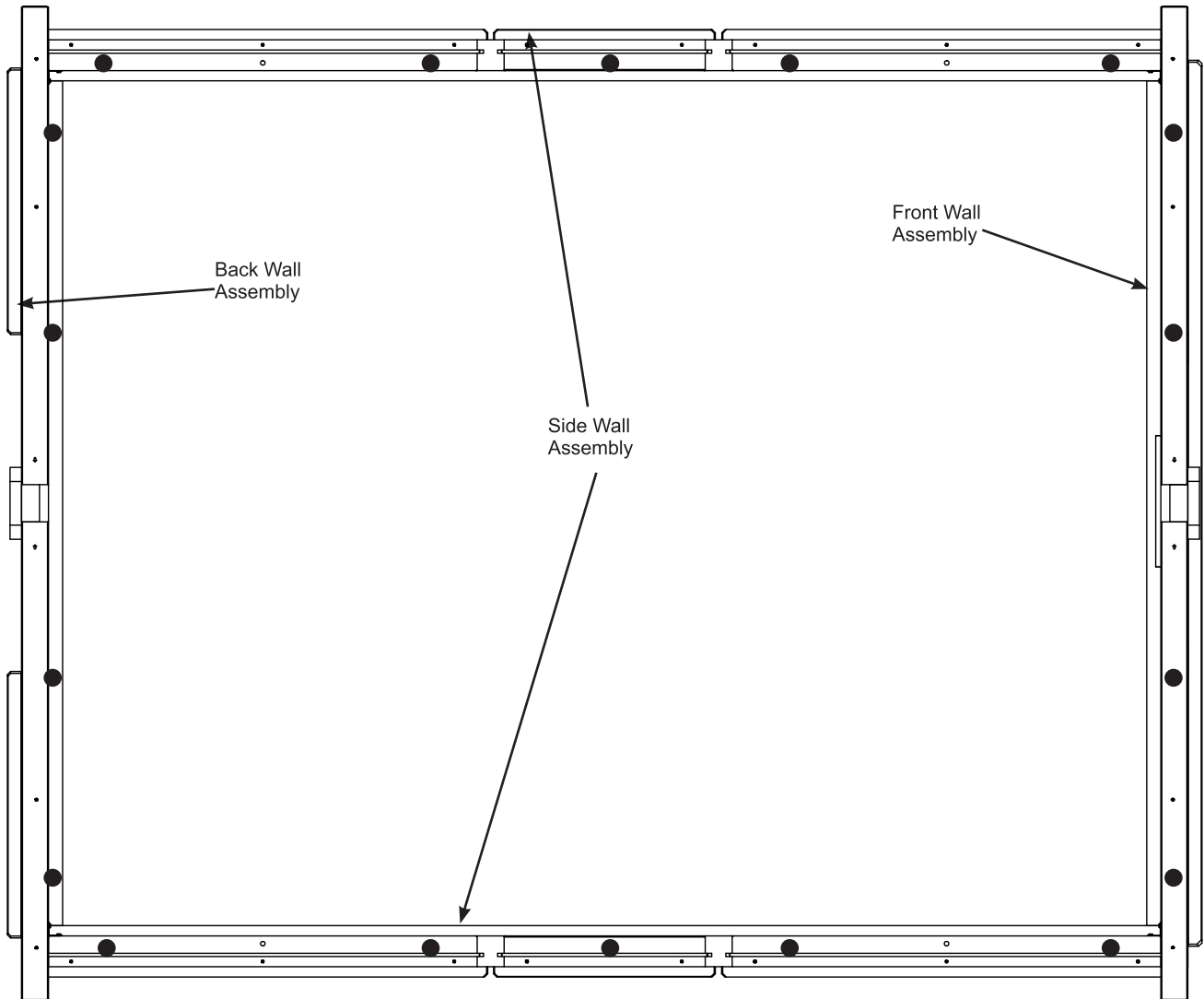
24 x #10 x 1-1/4" Pan Screw

## Step 9: Secure Assembly to Base



**A:** Using the purchased hardware as mentioned on page 7, pre-drill then secure the Front Wall, Back Wall and Side Walls to the base in the locations shown in F9.1.

F9.1

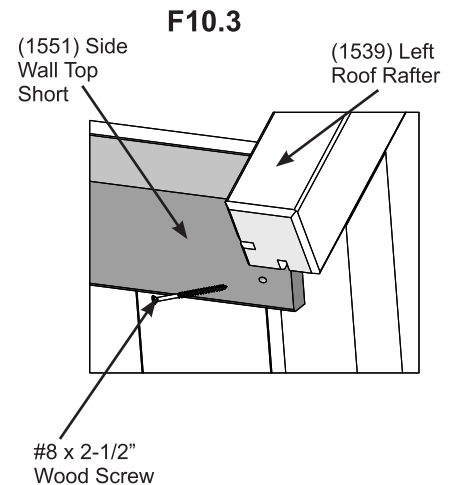
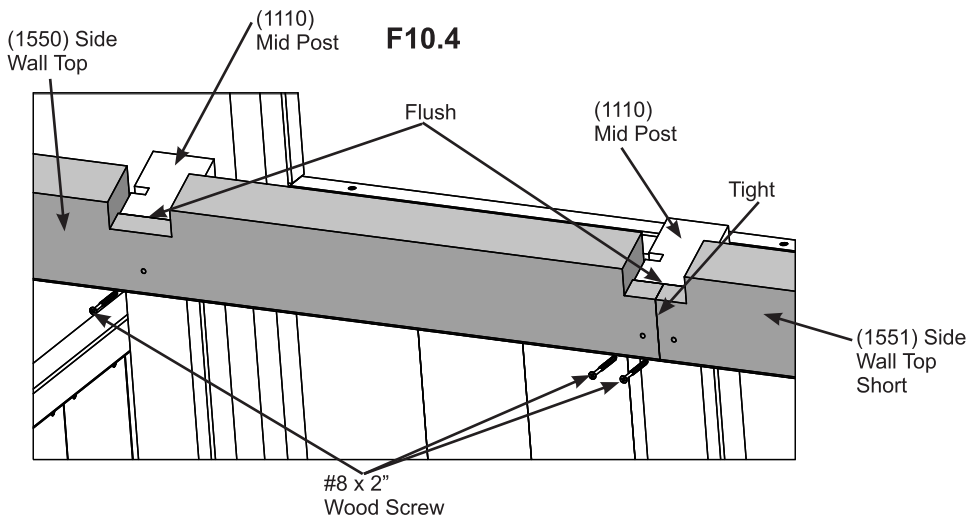
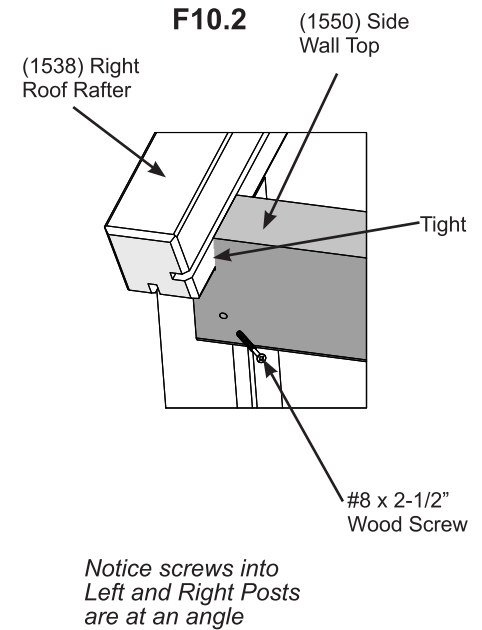
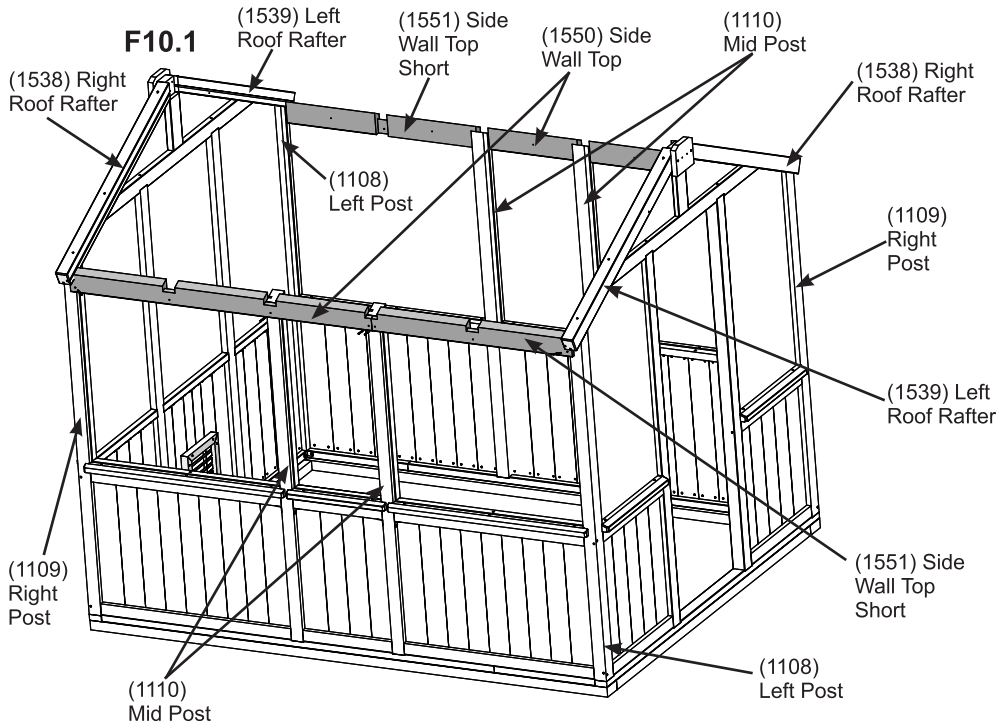




## Step 10: Attach Side Wall Top

**A:** On each Side Wall Assembly place one (1550) Side Wall Top tight to bottom of (1538) Right Roof Rafter so notches are at the top. Centre notch to be flush to the top of (1110) Mid Post. Attach (1550) Side Wall Top to (1109) Right Posts with one #8 x 2-1/2" Wood Screw per post. Screws in (1109) Right Posts are to be installed on an angle. Attach (1550) Side Wall Top to (1110) Mid Posts with one #8 x 2" Wood Screw per Post. (F10.1, F10.2 and F10.4)

**B:** On each Side Wall Assembly place one (1551) Side Wall Top Short tight to bottom of (1539) Left Roof Rafter so notches are at the top. Centre notch to be flush to the top of (1110) Mid Post and the end tight to (1550) Side Wall Top. Attach (1551) Side Wall Top Short to (1108) Left Posts with one #8 x 2-1/2" Wood Screw per post. Screws in (1108) Left Posts are to be installed on an angle. Attached (1551) Side Wall Top Short to (1110) Mid Post with one #8 x 2" Wood Screw. (F10.1, 10.3 and F10.4)



### Wood Parts

- 2 x (1550) Side Wall Top
- 2 x (1551) Side Wall Top Short

### Hardware

- 4 x #8 x 2-1/2" Wood Screw
- 6 x #8 x 2" Wood Screw

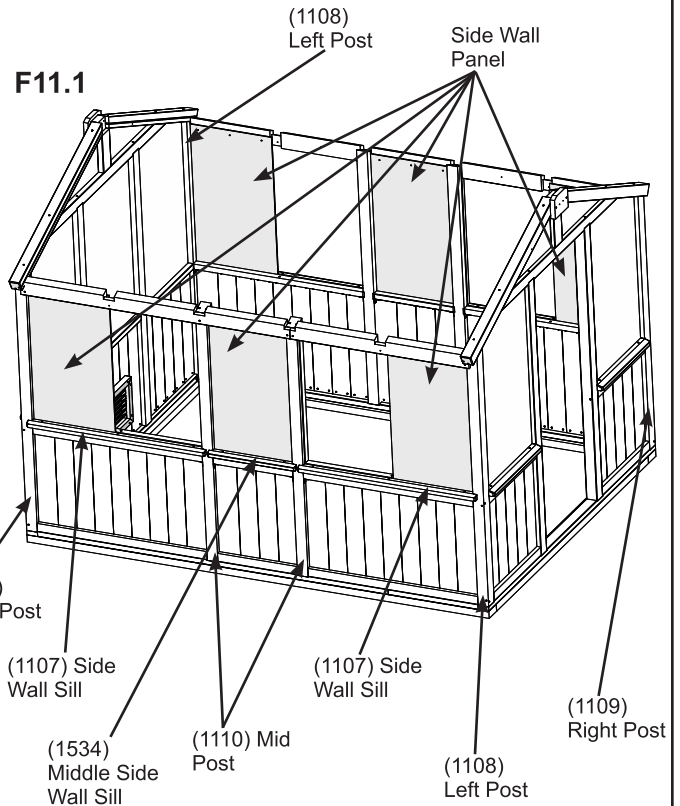
# Step 11: Side Wall Panel Assembly Part 1

**Remove film from both sides of Side Wall Panels.**

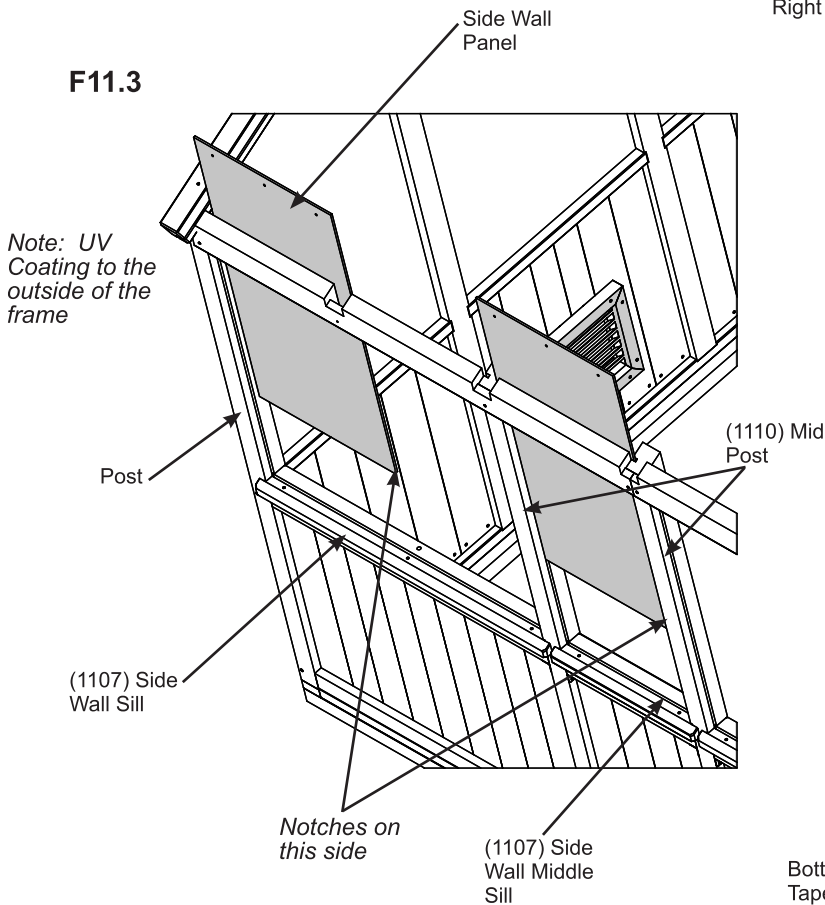
**A:** Refer to pages 16 and 17 and apply top and bottom tape to Side Wall Panels.

**B:** Put Side Wall Panel in the grooves of (1107) Side Wall Sill then slide into grooves of Left and Right Posts. Make sure the notch at the bottom is always on the right side of the panel from outside of the assembly. The UV coated side must be to the outside of the assembly. (F11.1, F11.2 and F11.3)

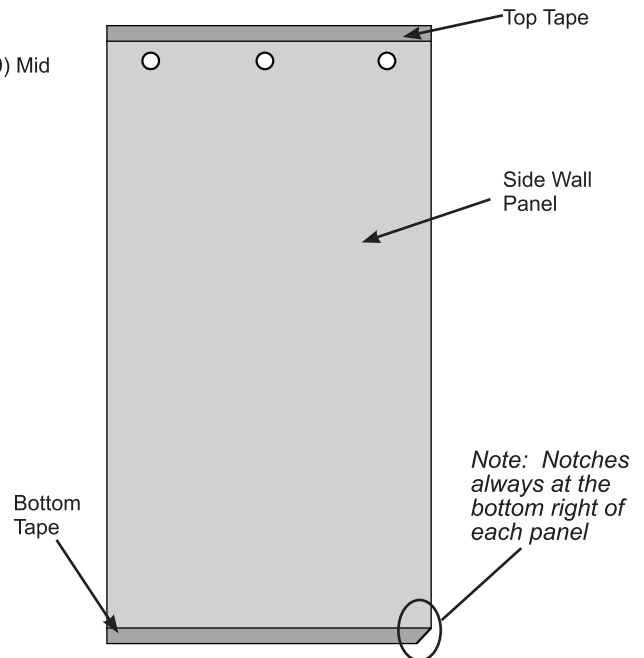
**C:** Put Side Wall Panel in the grooves of (1110) Mid Posts then slide down into grooves of (1534) Middle Side Wall Sill. Make sure the notch at the bottom is always on the right side of the panel from outside of the assembly. The UV coated side must be to the outside of the assembly. (F11.1, F11.2 and F11.3)



**F11.3**



**F11.2**



## Components

6 x Side Wall Panel

Top Tape

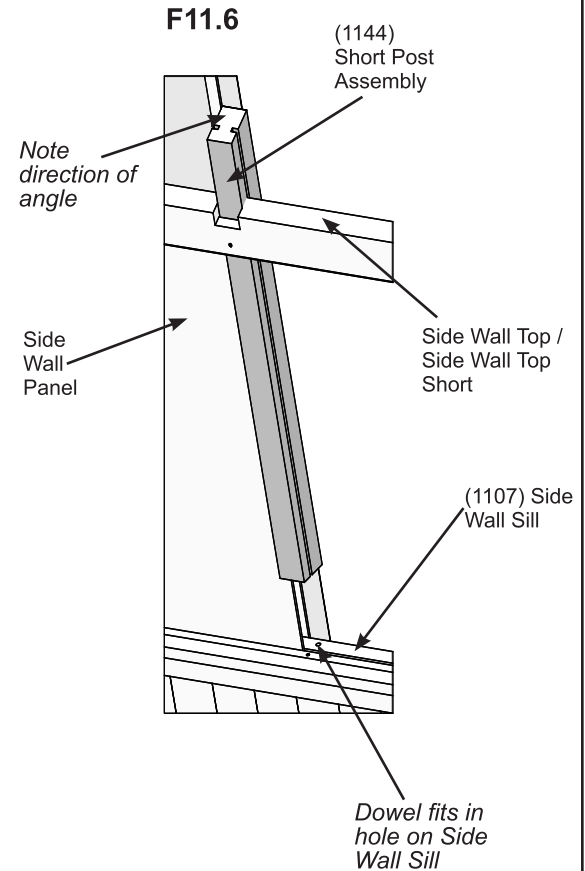
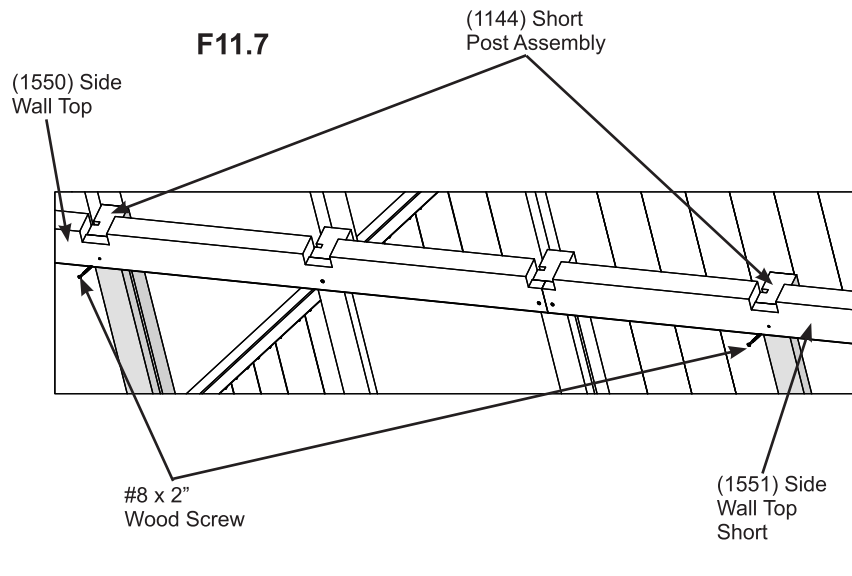
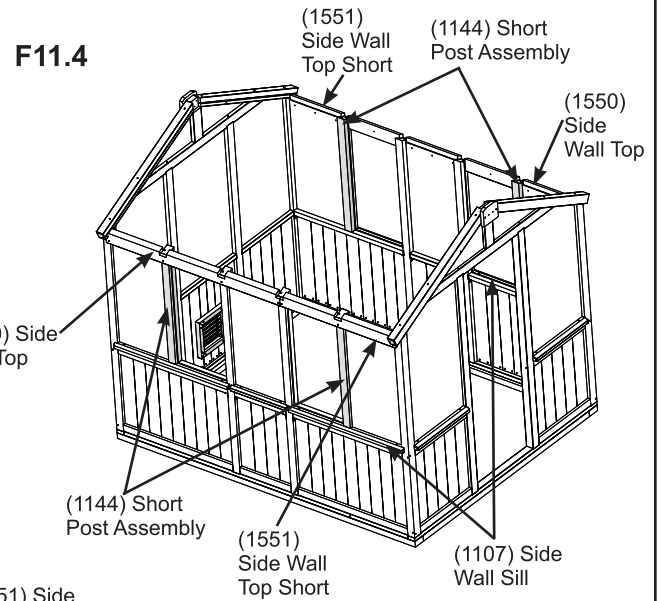
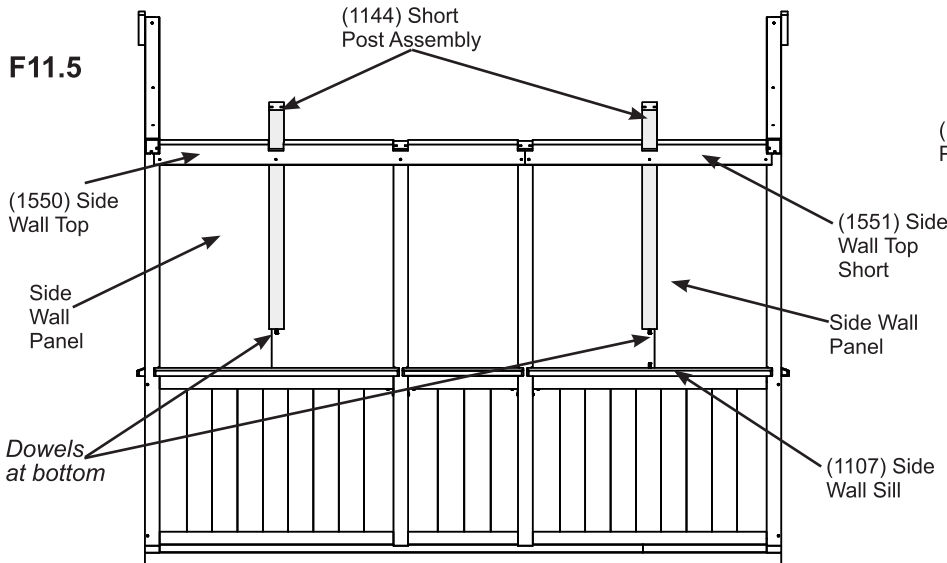
Bottom Tape



# Step 11: Side Wall Panel Assembly Part 2

**D:** Slide one (1144) Short Post Assembly down along the sides of each Side Wall Panel so they fit in the notches of (1550) Side Wall Tops and (1551) Side Wall Top Shorts. Dowel is at the bottom and fits in (1107) Side Wall Sills. Note the direction of the angle at the top. (F11.4, F11.5 and F11.6)

**E:** Attach (1550) Side Wall Tops and (1551) Side Wall Top Shorts to each (1144) Short Post Assembly with one #8 x 2" Wood Screw per post. (F11.4 and F11.7)



## Wood Parts

4 x (1144) Short Post Assembly

## Hardware

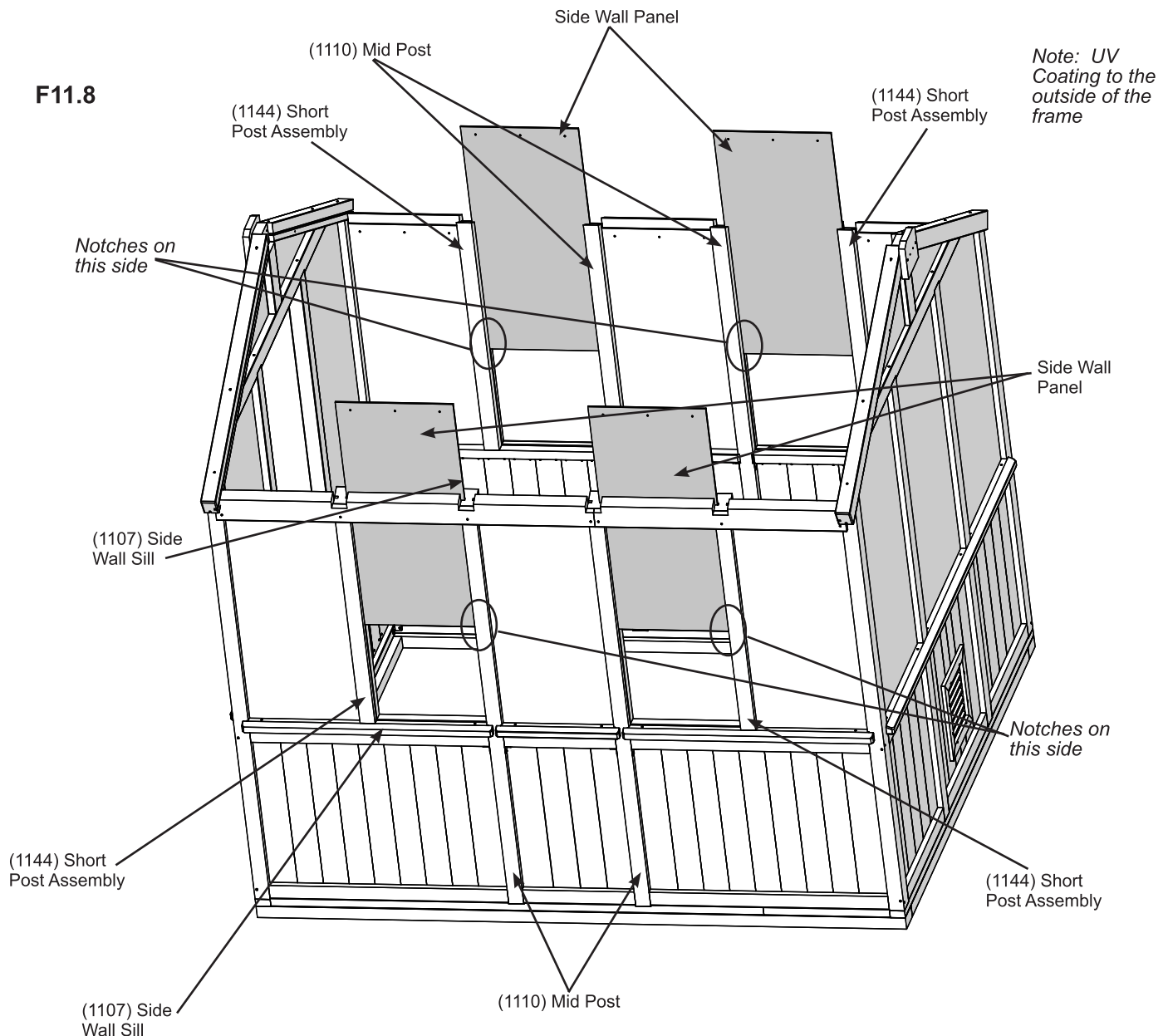
4 x #8 x 2" Wood Screw

## Step 11: Side Wall Panel Assembly Part 3

**Remove film from both sides of Side Wall Panels.**

**F:** Refer to pages 16 and 17 and apply top and bottom tape to Side Wall Panels.

**G:** In the grooves of (1144) Short Post Assemblies and (1110) Mid Posts slide Side Wall Panels down to fit in the grooves of (1107) Side Wall Sills. Make sure the notch at the bottom is always on the right side of the panel from outside of the assembly. The UV coated side must be to the outside of the assembly. (F11.8)



### Components

4 x Side Wall Panel

Top Tape

Bottom Tape

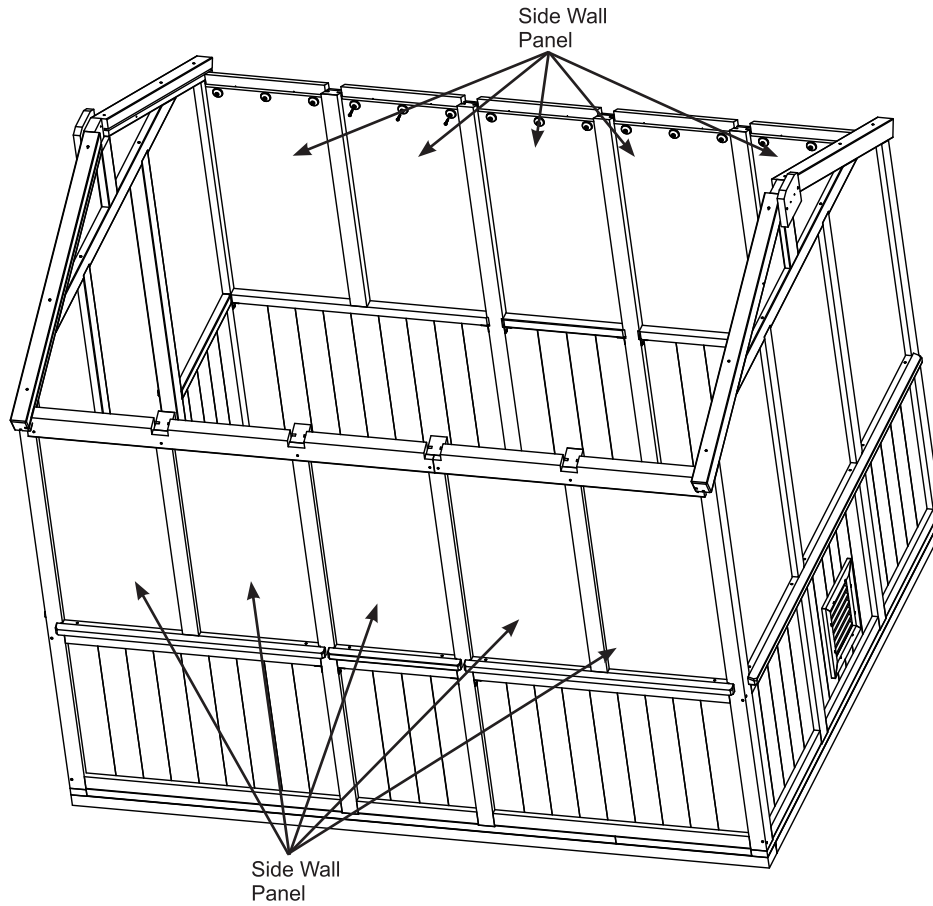


# Step 11: Side Wall Panel Assembly Part 4

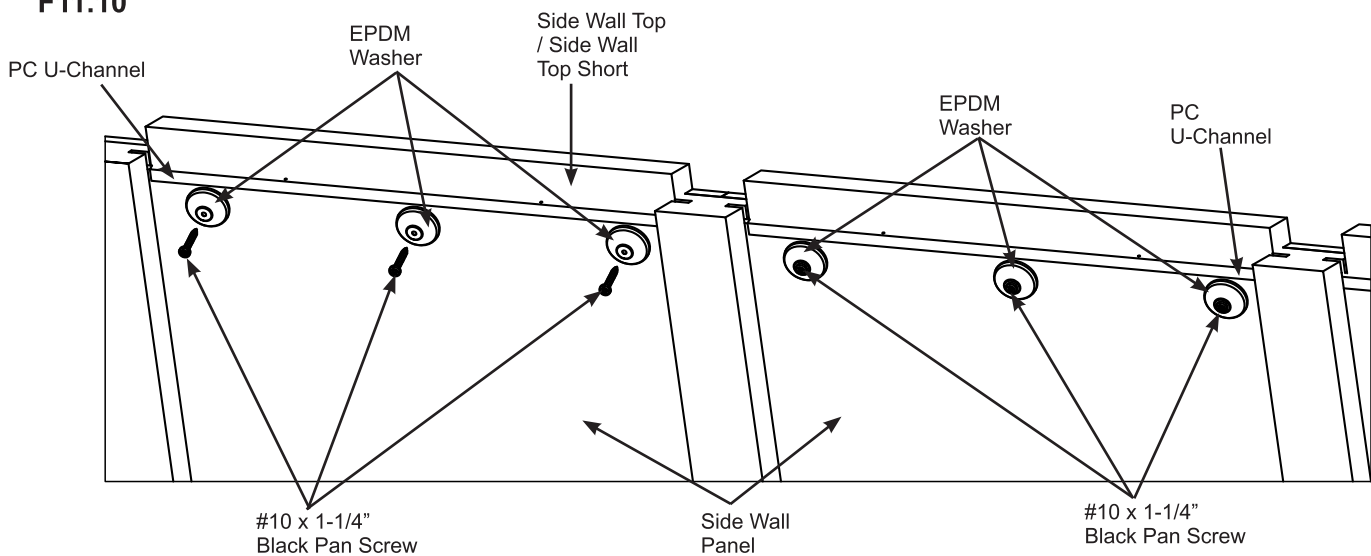
**H:** On the top of each Side Wall Panel place one PC U-Channel. (F11.9 and F11.10)

**I:** Attach each Side Wall Panel to (1550) Side Wall Tops and (1551) Side Wall Top Shorts using three #10 x 1-1/4" Black Pan Screws with EPDM washers per panel. (F11.9 and F11.10)

**F11.9**



**F11.10**



## Components

10 x PC U-Channel

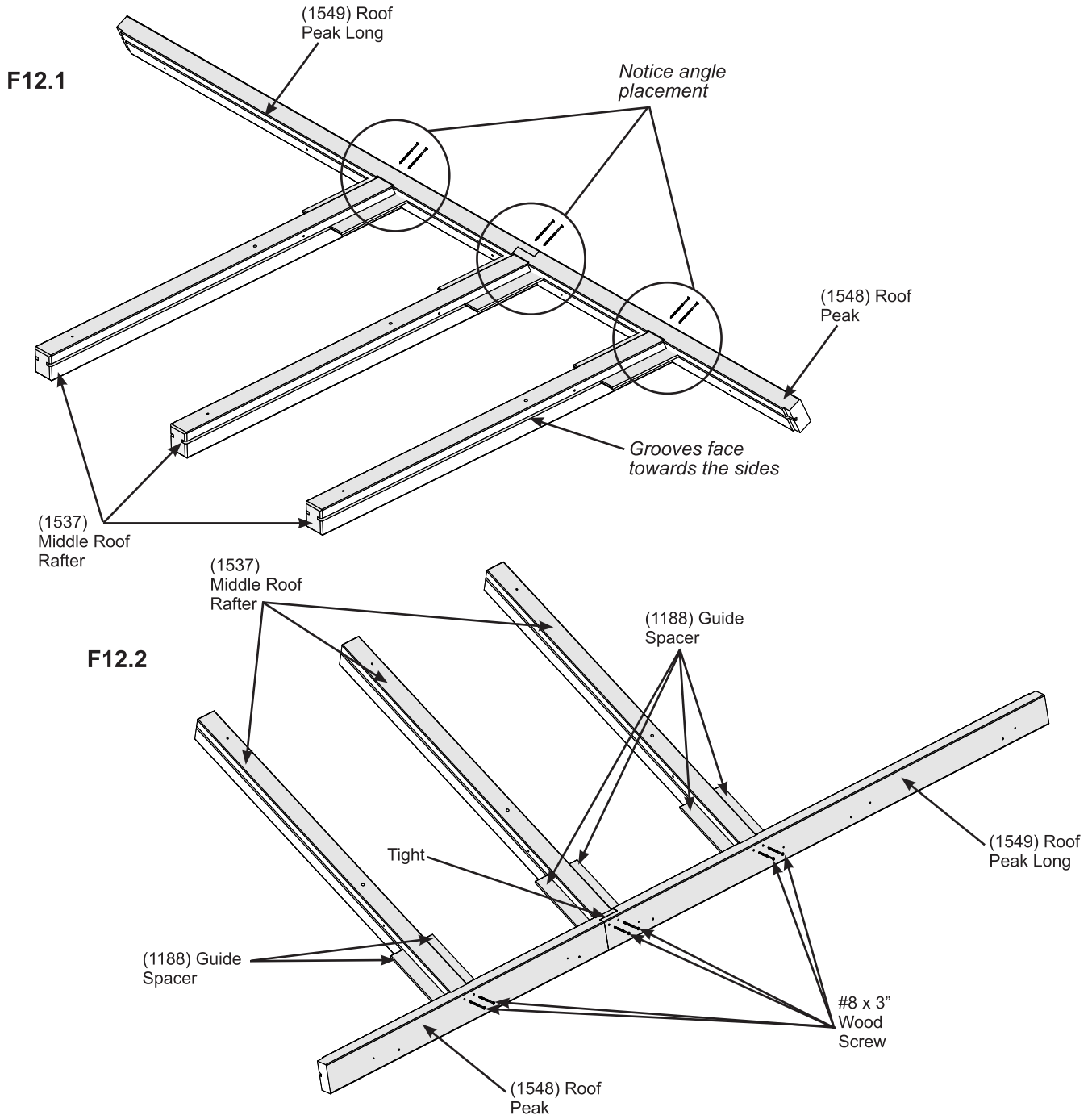
## Hardware

30 x #10 x 1-1/4" Black Pan Screw

30 x EPDM Washer

## Step 12: Roof Peak Assembly Part 1

**A:** Place (1548) Roof Peak and (1549) Roof Peak Long so the laps are tight together and the grooves are aligned. Place three (1537) Middle Roof Rafters in the notches of (1548) Roof Peak and (1549) Roof Peak Long. Angled end of rafters tight to (1548) Roof Peak and (1549) Roof Peak Long. Groove of (1548) Roof Peak and (1549) Roof Peak Long is towards the top of the board and grooves in (1537) Middle Roof Rafters face the sides and should line up with grooves in the Roof Peaks. Use (1188) Guide Spacers in grooves of (1548) Roof Peak, (1549) Roof Peak Long and (1537) Middle Roof Rafter for accurate positioning then attach with two #8 x 3" Wood Screws per rafter. Remove (1188) Guide Spacers (F12.1 and F12.2)



### Wood Parts

- 6 x (1537) Middle Roof Rafter
- 2 x (1548) Roof Peak
- 2 x (1549) Roof Peak Long

### Hardware

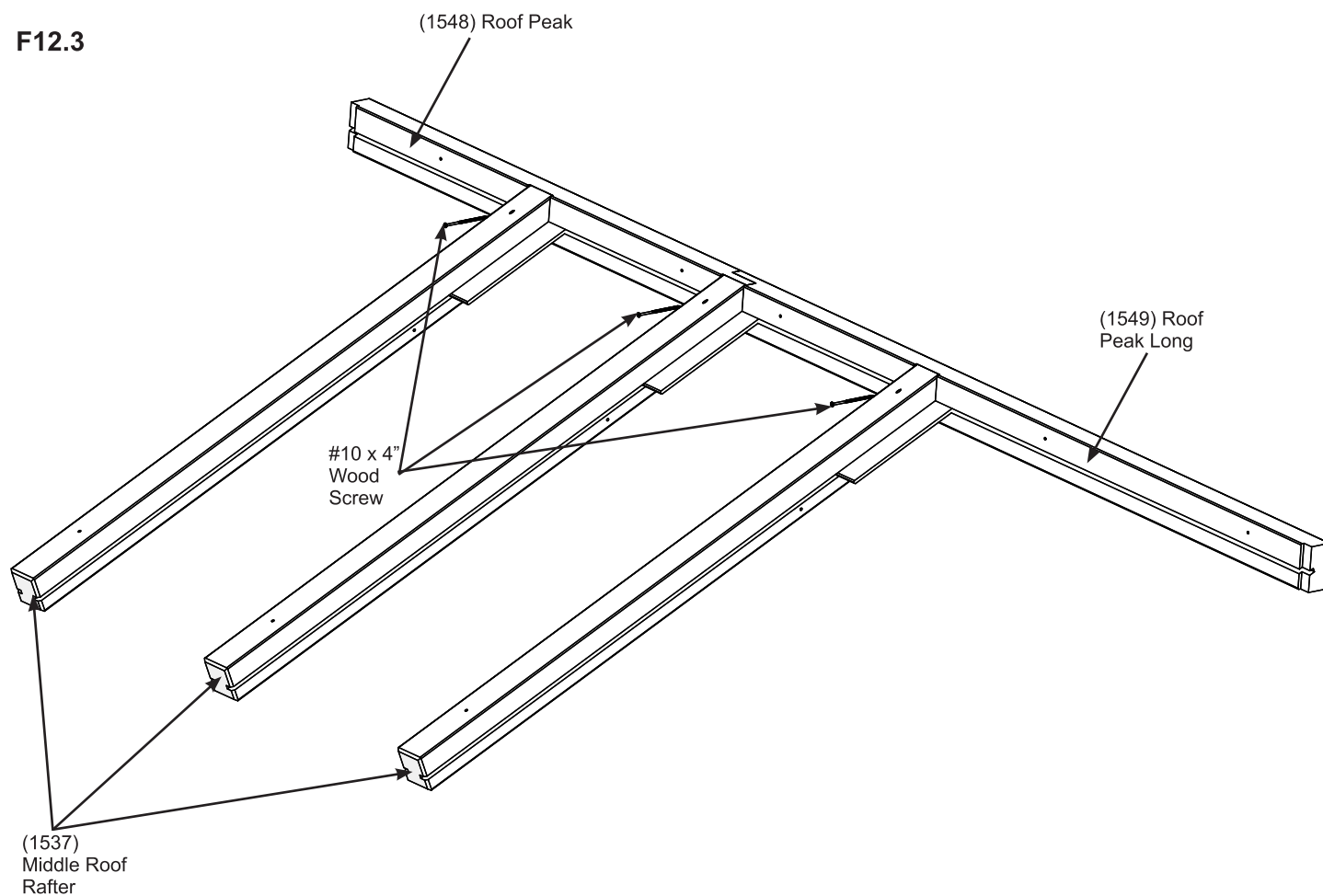
- 12 x #8 x 3" Wood Screw

## Step 12: Roof Peak Assembly Part 2

**B:** Flip the assembly over then attach each (1537) Middle Roof Rafter to (1548) Roof Peak and (1549) Roof Peak Long with one #10 x 4" Wood Screw per rafter. Screws are installed at an angle. (F12.3)

**C:** Repeat Steps A-B for a second Roof Peak Assembly.

**F12.3**



### Hardware

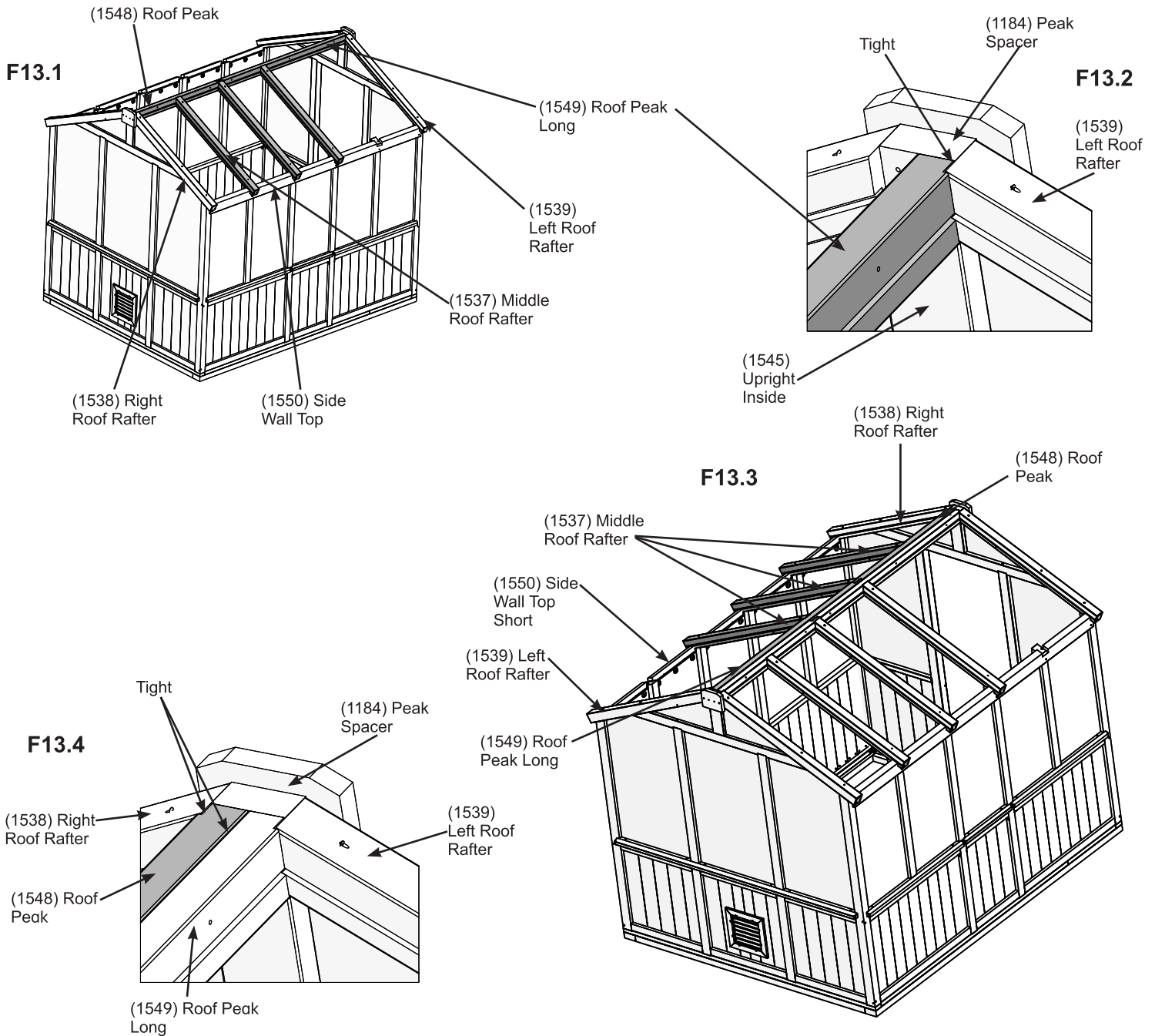
6 x #10 x 4" Wood Screw

# Step 13: Attach Roof Assemblies to Frame Part 1



**A:** With adult helpers lift Roof Peak Assembly over frame and place (1548) Roof Peak and (1549) Roof Peak Long on (1545) Upright Insides, tight to (1184) Peak Spacer, (1538) Right Roof Rafter and (1539) Left Roof Rafter. (1537) Middle Roof Rafters sit in notches of (1550) Side Wall Top. Have one person hold assembly in place until secure. (F13.1 and F13.2)

**B:** Repeat Step A for second Roof Peak Assembly. (1548) Roof Peak and (1549) Roof Peak Long placed on (1545) Upright Insides, tight to (1184) Peak Spacer, (1538) Right Roof Rafter and (1539) Left Roof Rafter. (F13.3 and F13.4)



# Step 13: Attach Roof Assemblies to Frame Part 2

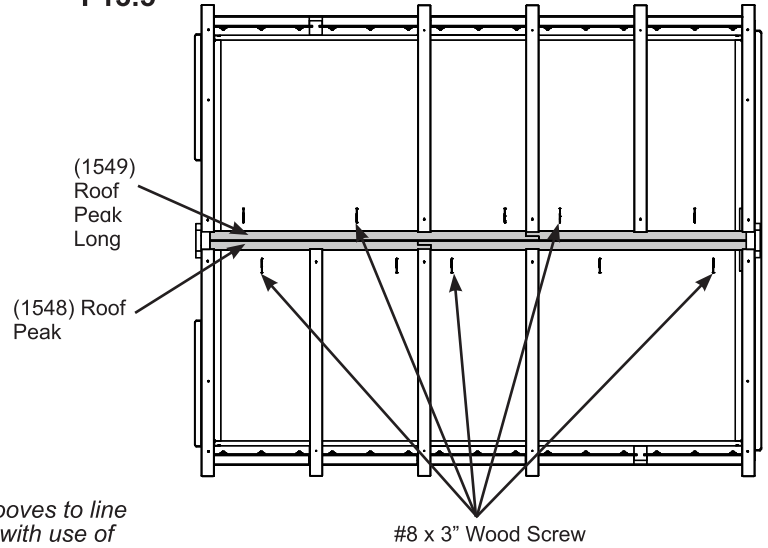


Use (1188) Guide Spacer to make sure grooves in Peak Assemblies are lined up with grooves in Rafters.

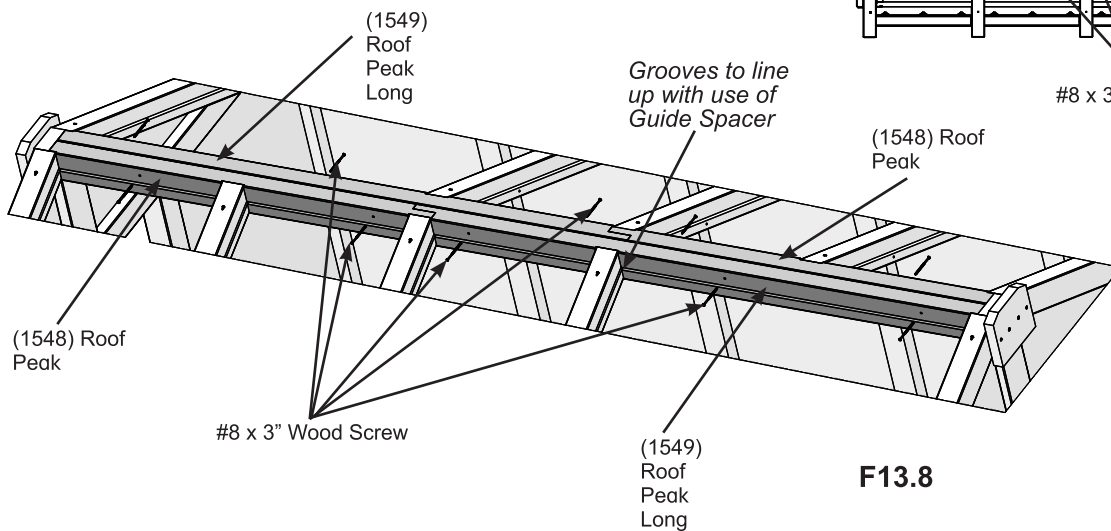
**C:** Secure Roof Peak Assemblies together with ten #8 x 3" Wood Screws. (F13.5 and F13.6)

**D:** Connect each (1184) Peak Spacer to (1548) Roof Peak and (1549) Roof Peak Long with two #10 x 4" Wood Screws per end. (F13.7 and F13.8)

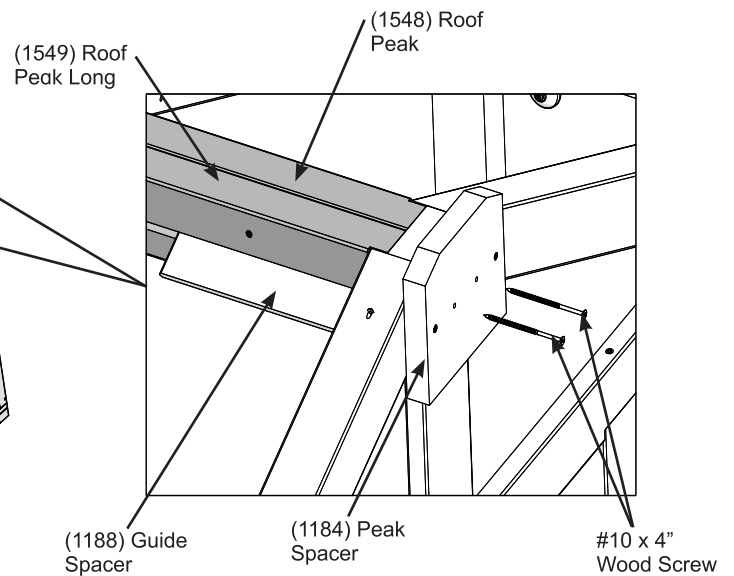
**F13.5**



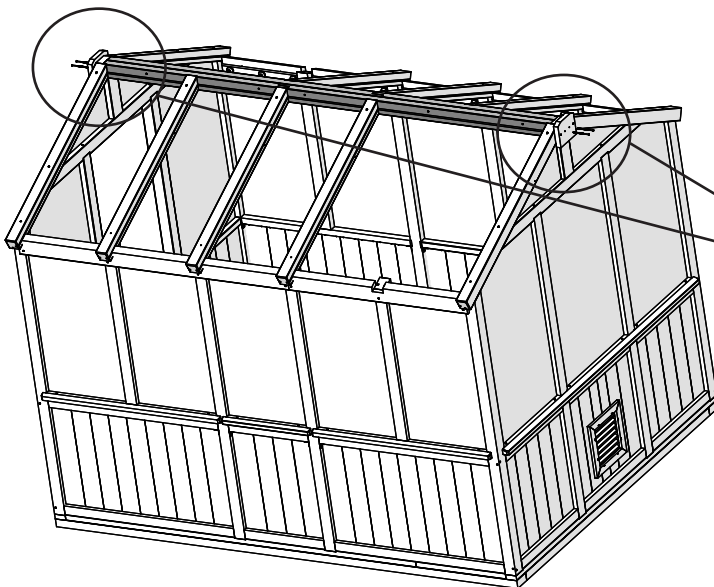
**F13.6**



**F13.8**



**F13.7**



## Hardware

10 x #8 x 3" Wood Screw

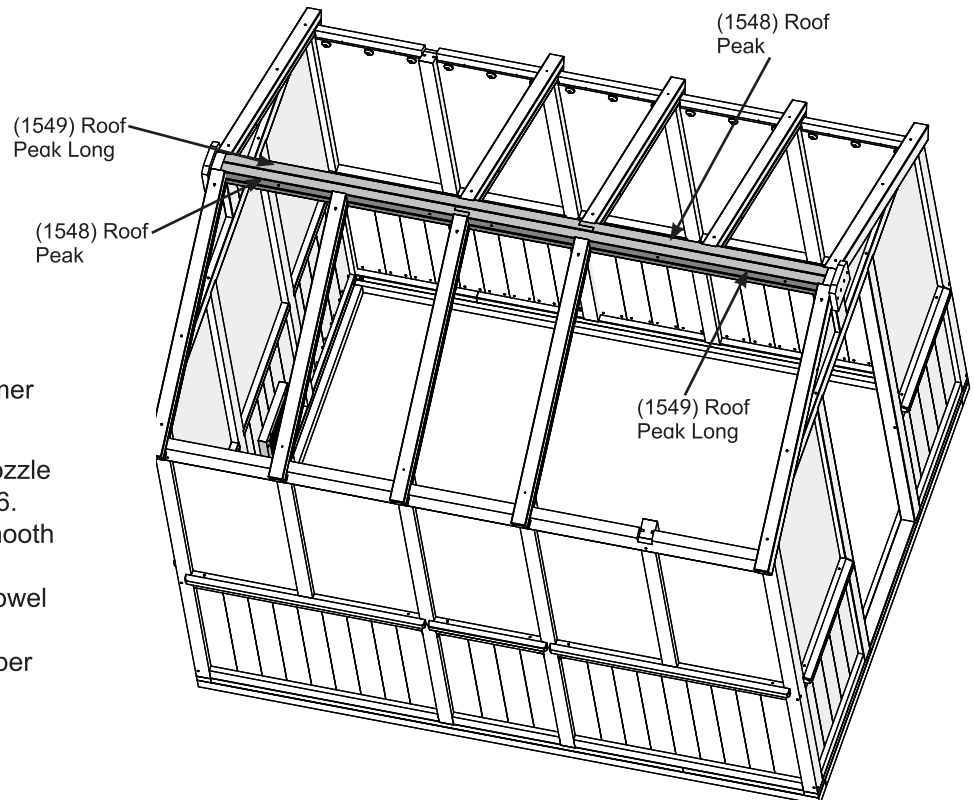
4 x #10 x 4" Wood Screw

## Step 13: Attach Roof Assemblies to Frame Part 3



**E:** Apply silicone sealant at top of assembly where (1548) Roof Peak and (1549) Roof Peak Long join. Sealant should be applied in small beads and smoothed out. (F13.9 and F13.10)

**F13.9**

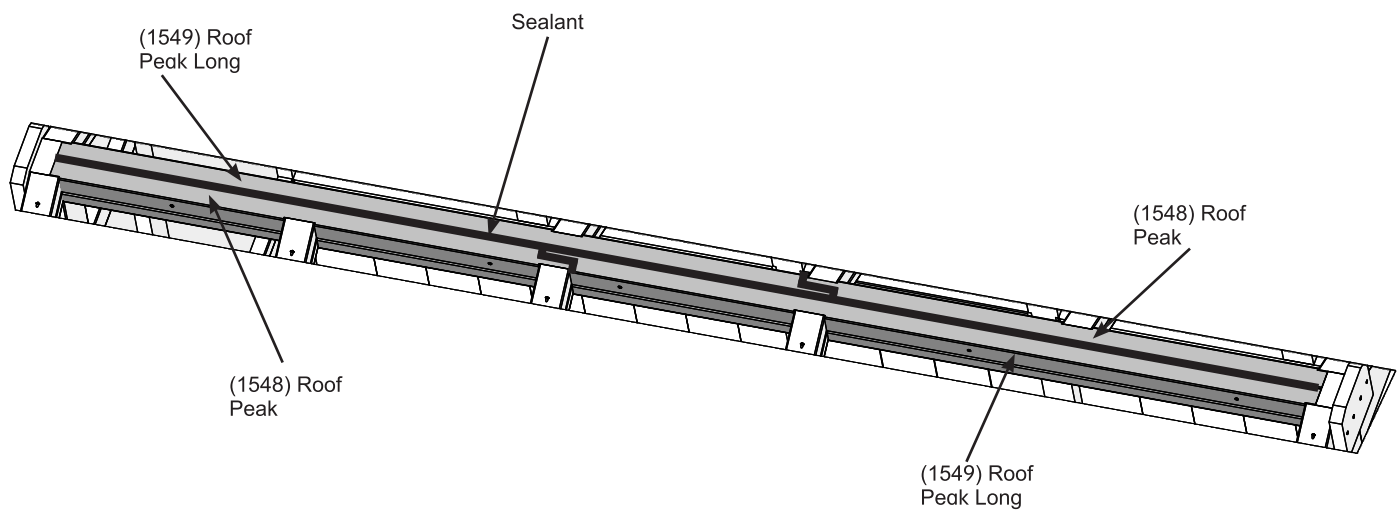


**Note:** All surfaces to be clean, dry, dust and grease free before application with temperatures above 5°C (41°F), no warmer than 35°C (95°F).

- Cut off tip of tube, attach supplied nozzle then put in caulking gun. See page 6.
- Apply sealant in small beads and smooth as required.
- Clean excess with a cloth or paper towel before it skins over.
- Always wear safety glasses and rubber gloves when using product.

**See page 6 for Warning and First Aid Information.**

**F13.10**

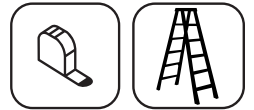


### Components

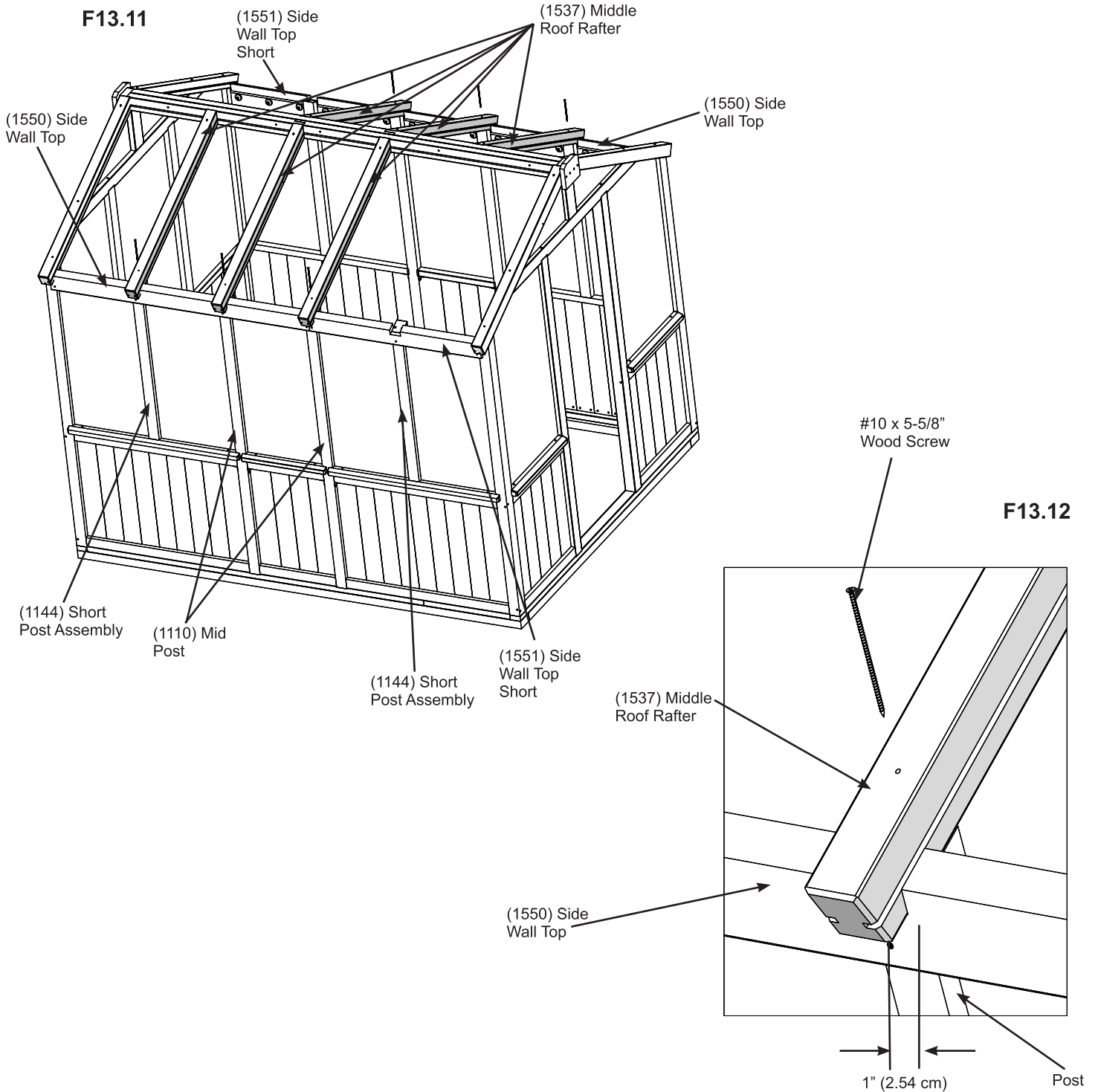
Sealant



## Step 13: Attach Roof Assemblies to Frame Part 4



**F:** Make sure each (1537) Middle Roof Rafter overhangs (1550) Side Wall Tops by 1" (2.54 cm). Secure (1537) Middle Roof Rafters to (1110) Mid Posts and (1144) Short Post Assemblies with one #10 x 5-5/8" Wood Screw per rafter. (F13.11 and F13.12)



### Hardware

6 x #10 x 5-5/8" Wood Screw

# Step 14: Vent Roof Assembly

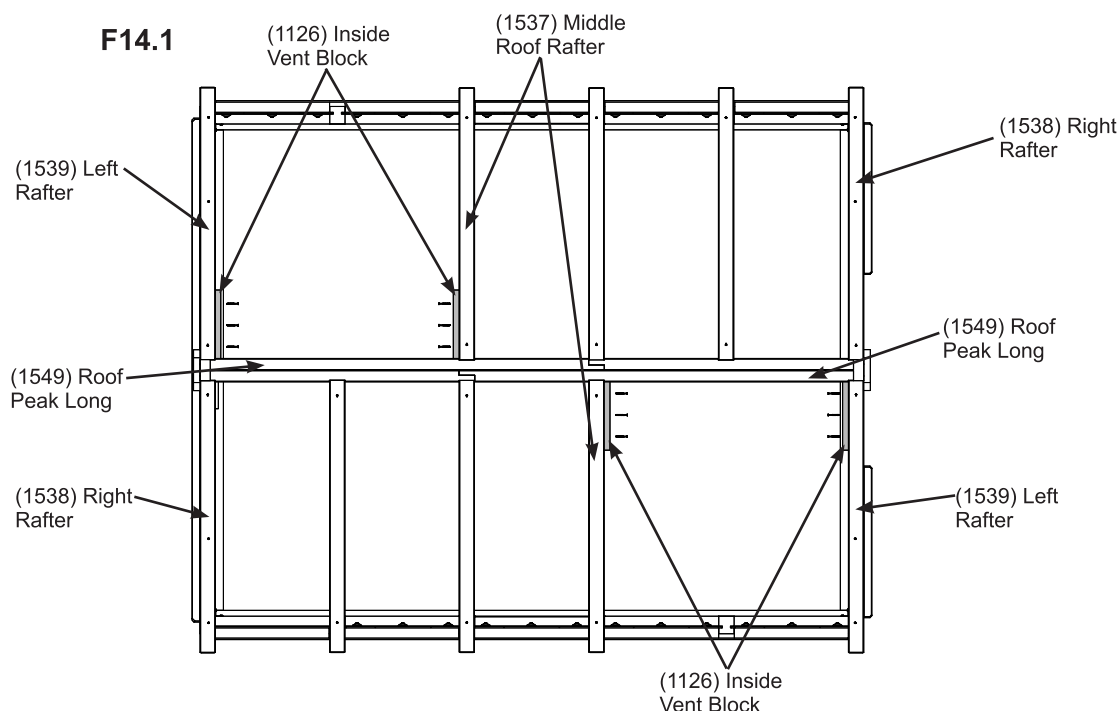
## Part 1



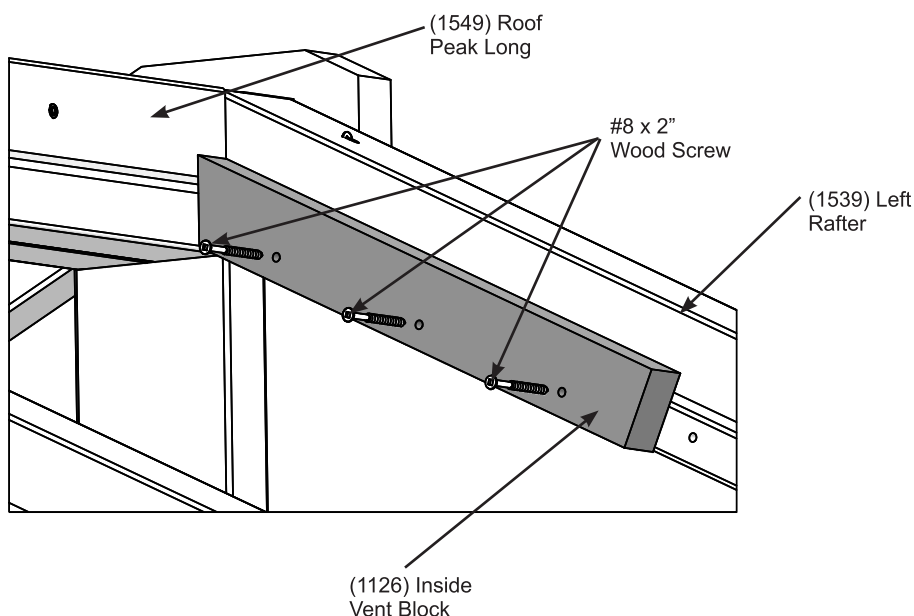
**A:** On the inside of each (1539) Left Roof Rafter, place one (1126) Inside Vent Block with the angled end tight to the bottom of (1549) Roof Peak Long and sides flush to the bottom of each rafter. Attached (1126) Inside Vent Block to (1539) Left Roof Rafter with three #8 x 2" Wood Screws per block. (F14.1 and F14.2)

**B:** On the inside of (1537) Middle Roof Rafter opposite the (1539) Left Roof Rafter, place one (1126) Inside Vent Block with the angled end tight to the bottom of (1549) Roof Peak Long and sides flush to the bottom of each rafter. Attach (1126) Inside Vent Block to (1537) Middle Roof Rafter with three #8 x 2" Wood Screws per block. (F14.1 and F14.2)

**F14.1**



**F14.2**



### Wood Parts

4 x (1126) Inside Vent Block

### Hardware

12 x #8 x 2" Wood Screw

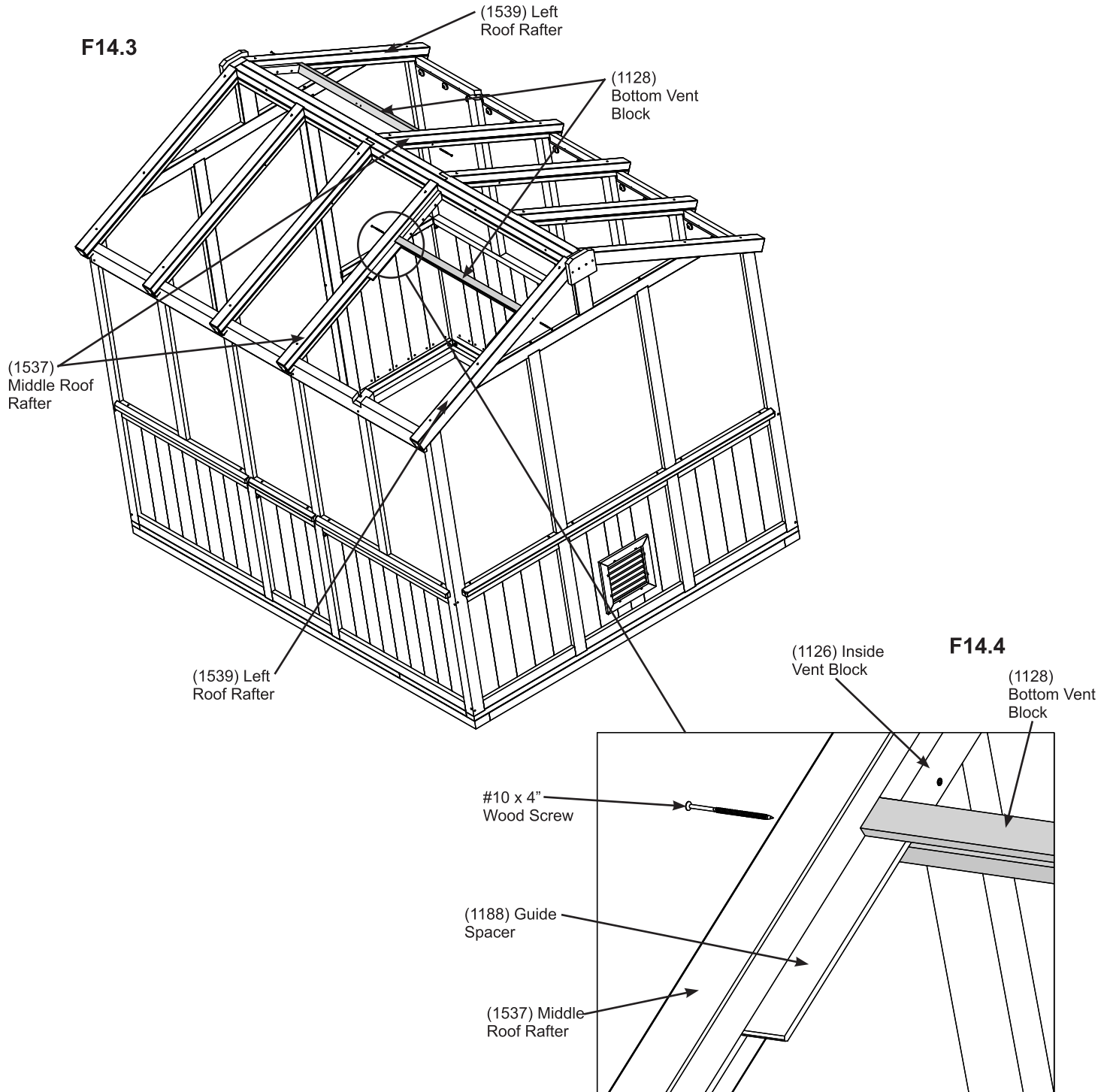


# Step 14: Vent Roof Assembly

## Part 2



**C:** Tight to the top of (1126) Inside Vent Blocks, with grooves facing down, place (1128) Bottom Vent Block. Use (1188) Guide Spacers in grooves of (1537) Middle Roof Rafters and (1539) Left Roof Rafters and (1128) Bottom Vent Block for accurate positioning then attach (1537) Middle Roof Rafter and (1539) Left Roof Rafter to block with one #10 x 4" Wood Screw per rafter. Remove (1188) Guide Spacers. (F14.3 and F14.4)



### Wood Parts

2 x (1128) Bottom Vent Block

### Hardware

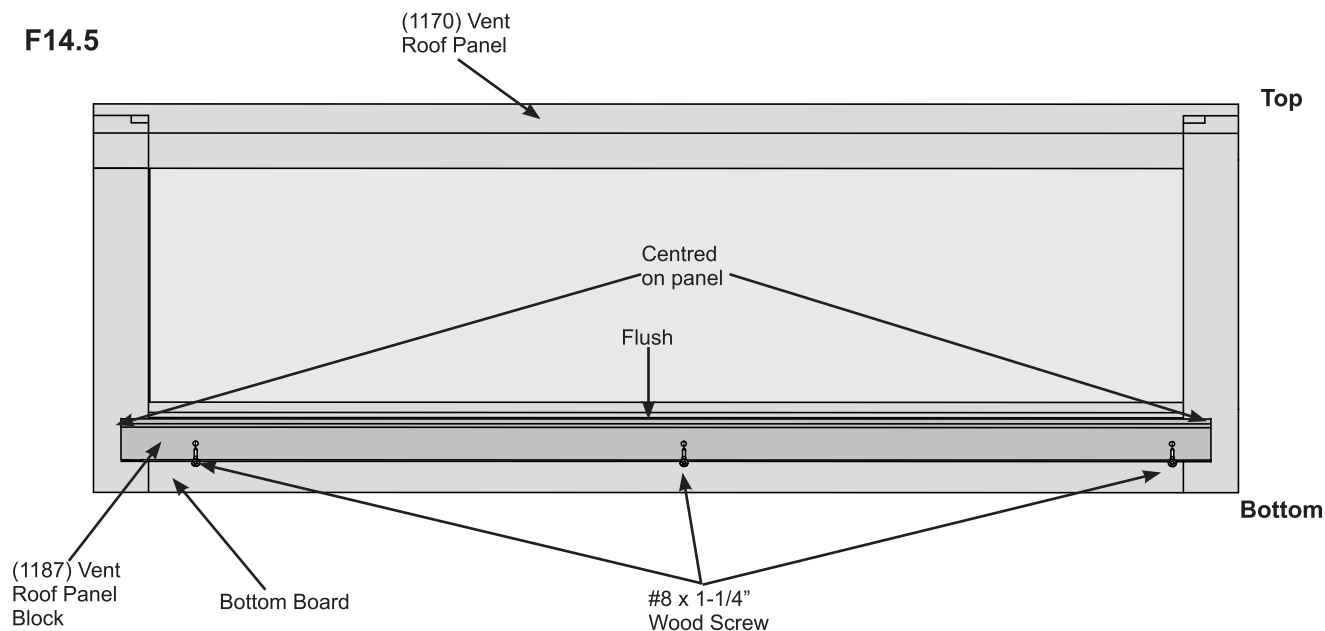
4 x #10 x 4" Wood Screw

# Step 14: Vent Roof Assembly

## Part 3

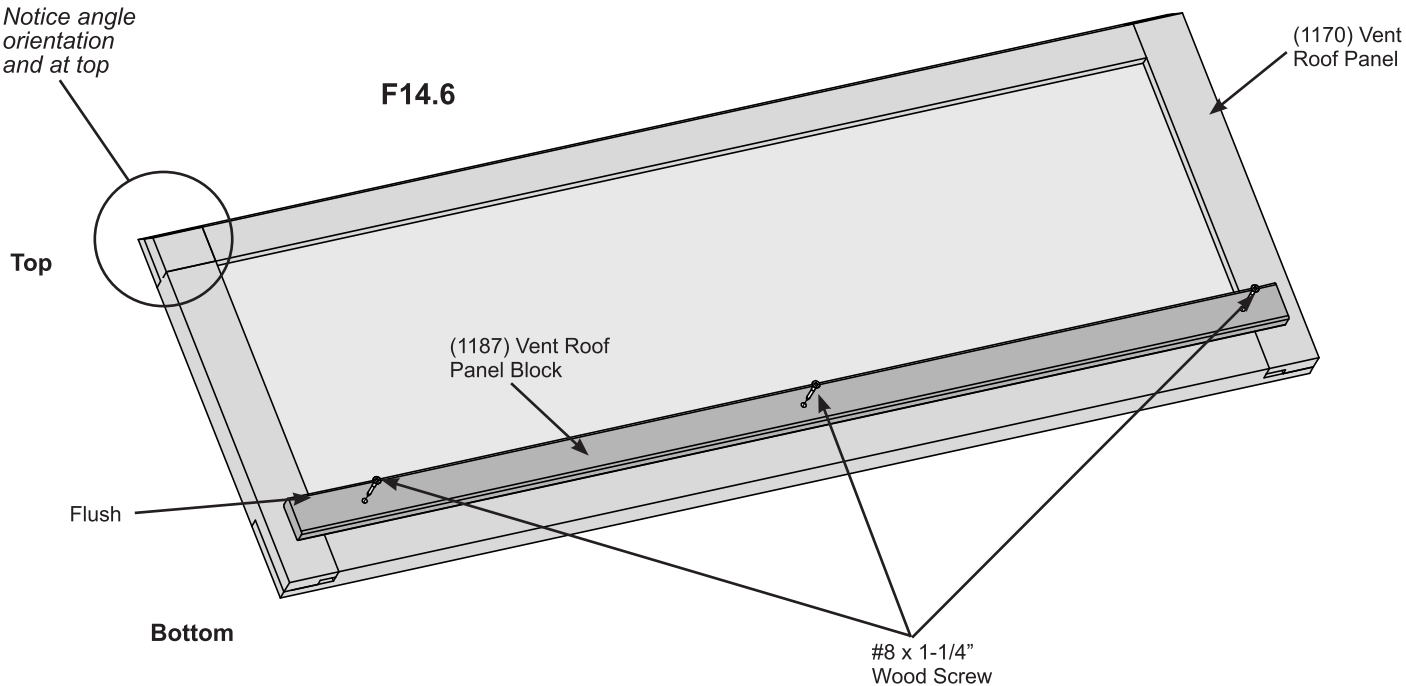
**D:** On the bottom of two (1170) Vent Roof Panels, flush to the bottom board and centred on the panels, attach (1187) Vent Roof Panel Block with three #8 x 1-1/4" Wood Screws per panel. (F14.5 and F14.6)

**F14.5**



*Notice angle orientation and at top*

**F14.6**



### Wood Parts

- 2 x (1170) Vent Roof Panel
- 2 x (1187) Vent Roof Panel Block

### Hardware

- 6 x #8 x 1-1/4" Wood Screw

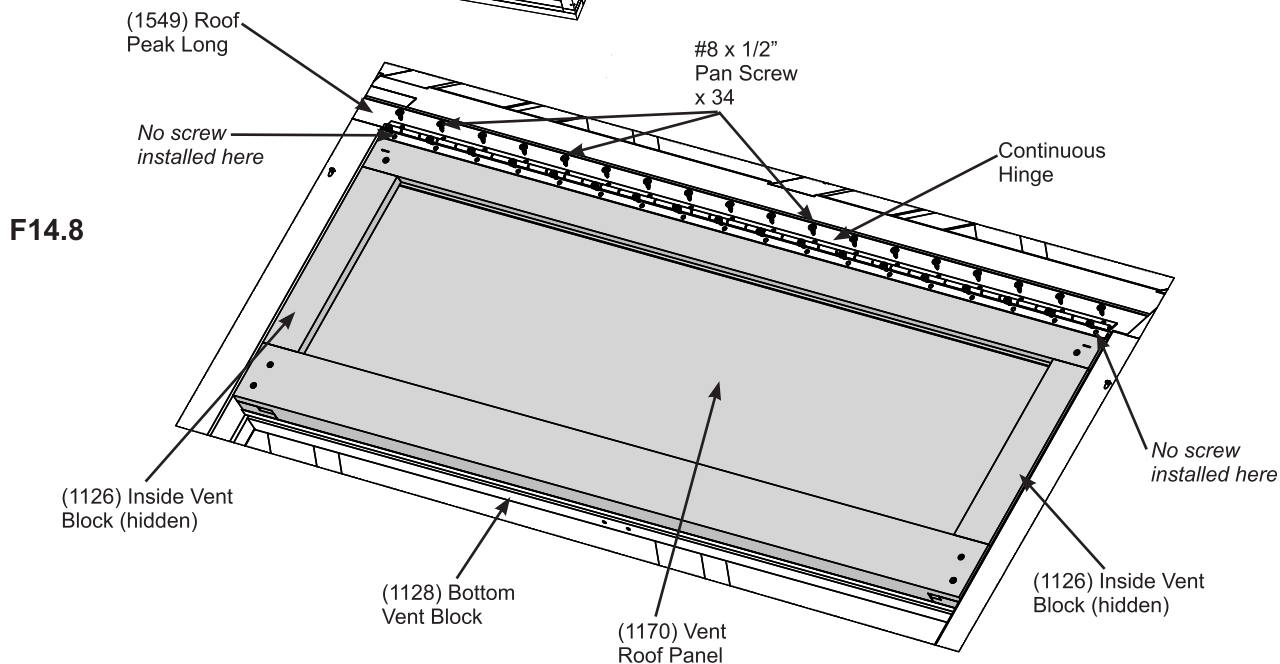
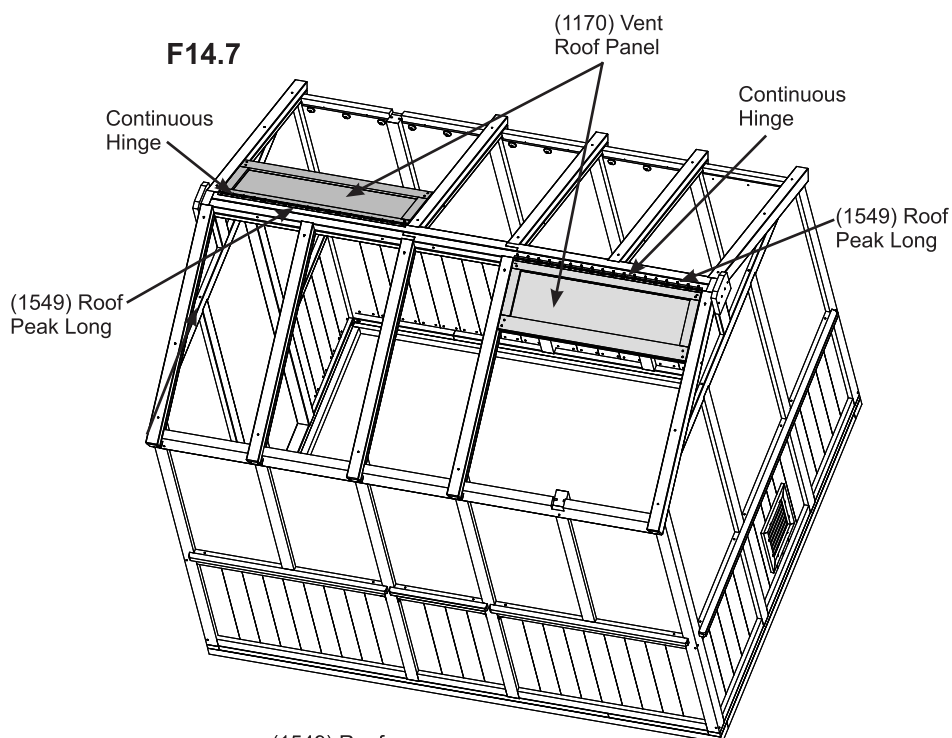
# Step 14: Vent Roof Assembly

## Part 4



**E:** Place (1170) Vent Roof Panel, with angled edge on top, over (1126) Inside Vent Blocks and (1128) Bottom Vent Block and tight to (1549) Roof Peak Long. (1187) Vent Roof Panel Block faces down. (F14.7)

**F:** Place Continuous Hinge on (1549) Roof Peak Long and (1170) Vent Roof Panel and attach with 34 #8 x 1/2" Pan Screws. Do not install screws at the end of the hinge on (1170) Vent Roof Panel. (F14.7 and F14.8)



### Components

2 x Continuous Hinge

### Hardware

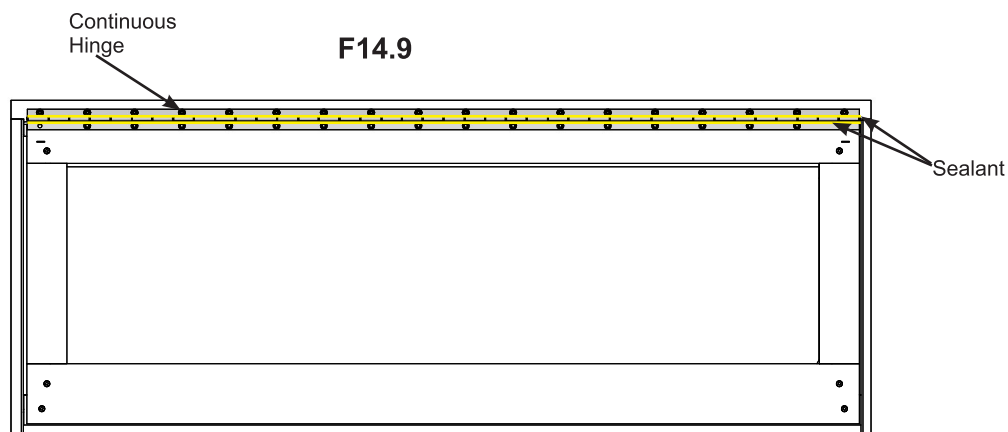
68 x #8 x 1/2" Pan Screw

## Step 14: Vent Roof Assembly Part 5



**G:** Apply silicone caulking on the top of the Continuous Hinge so the silicone completely covers the pivot joints. (F14.9)

**H:** Repeat Steps E-G for second Vent Roof Panel.



**Note:** All surfaces to be clean, dry, dust and grease free before application with temperatures above 5°C (41°F), no warmer than 35°C (95°F).

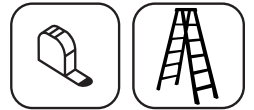
- Cut off tip of tube, attach supplied nozzle then put in caulking gun. See page 6.
- Apply sealant in small beads and smooth as required.
- Clean excess with a cloth or paper towel before it skins over.
- Always wear safety glasses and rubber gloves when using product.

**See page 6 for Warning and First Aid Information.**

### Components

Sealant

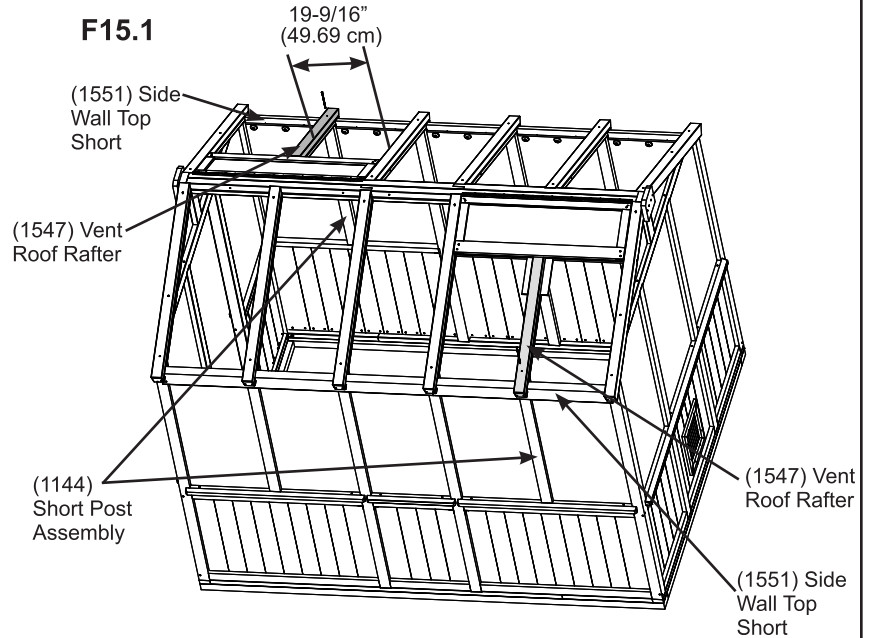
## Step 15: Attach Vent Roof Rafter



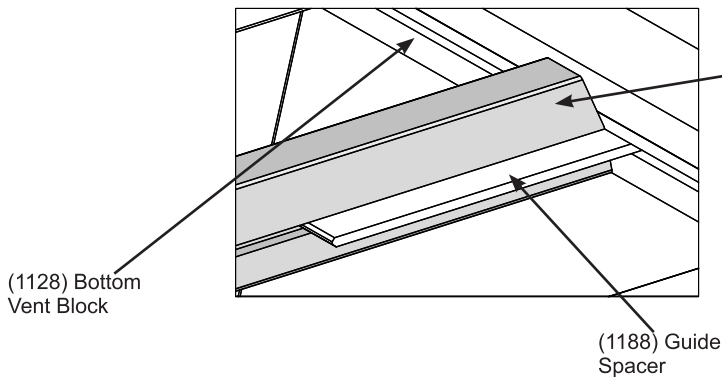
**A:** Place (1547) Vent Roof Rafter tight to (1128) Bottom Vent Block so it fits in the notch of (1551) Side Wall Top Short. Use (1188) Guide Spacers in grooves of (1128) Bottom Vent Block and (1547) Vent Roof Rafter for accurate positioning then attach (1128) Bottom Vent Block to (1547) Vent Roof Rafter with two #8 x 3" Wood Screws. Remove (1188) Guide Spacers. The distance between rafter will be 19-9/16" (49.69 cm). (F15.1, F15.2 and F15.3)

**B:** Make sure (1547) Vent Roof Rafter overhangs (1551) Side Wall Top Short by 1" (2.54 cm) then attach to (1144) Short Post Assembly with one #10 x 5-5/8" Wood Screw per rafter. (F15.1 and F15.4)

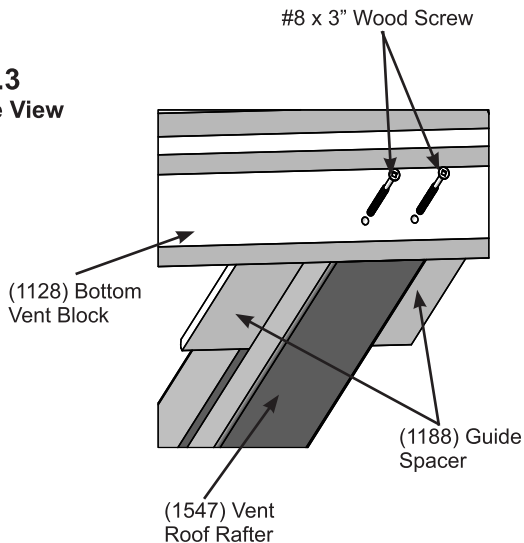
**F15.1**



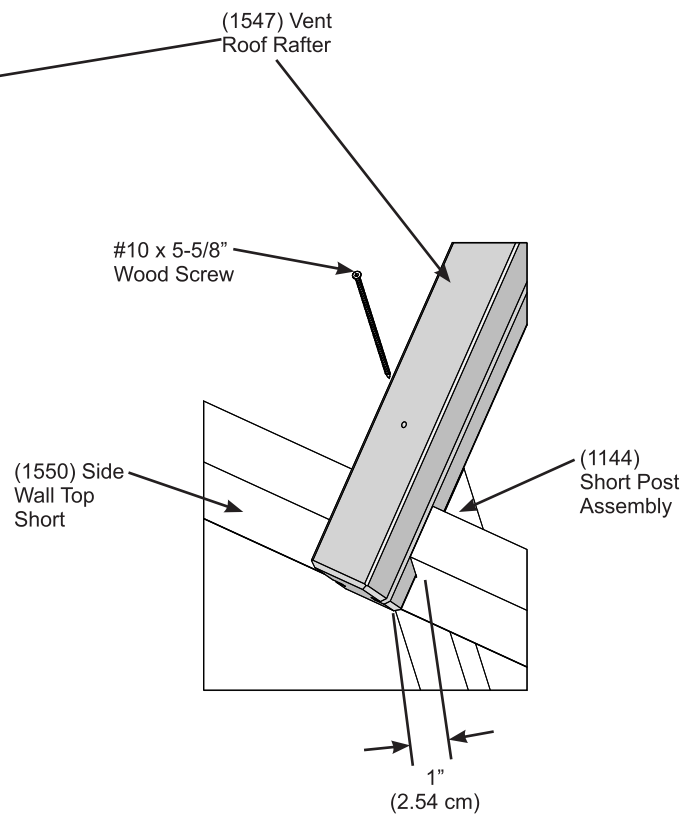
**F15.2**



**F15.3**  
Inside View



**F15.4**



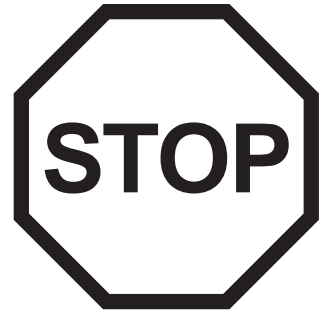
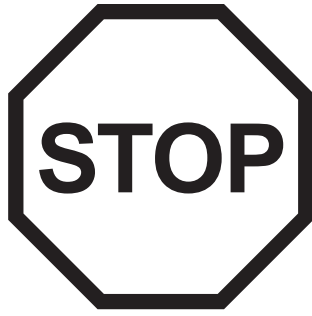
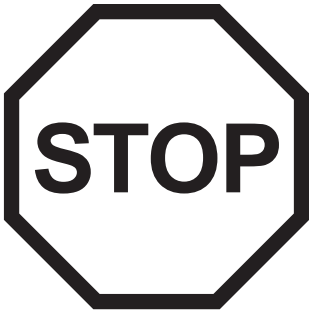
### Wood Parts

2 x (1547) Vent Roof Rafter

### Hardware

4 x #8 x 3" Wood Screw

2 x #10 x 5-5/8" Wood Screw



## **IMPORTANT!**

### **SINGLE SPRING WINDOW OPENER INFORMATION**

- **The Aluminum Single Spring Window Opener is designed to automatically open and close with changes in temperature. It must not be opened or closed manually. Doing so will result in damage to the component.**
- To change the opening temperature of the component:
  - One complete clockwise turn of the black cylinder will increase the opening temperature of the component by  $0.5^{\circ}\text{C}/1^{\circ}\text{F}$
  - One counterclockwise turn will decrease the opening temperature of the component by  $0.5^{\circ}\text{C}/1^{\circ}\text{F}$
- The opening temperature of this component can be set to open in temperatures between  $16^{\circ}\text{C}/60^{\circ}\text{F}$  and  $25^{\circ}\text{C}/77^{\circ}\text{F}$
- The black cylinder is the temperature sensitive component. This should never be used as a pry to manually open or close the vent.
- The cylinder must be in the closed position before it can be removed from the component. To remove the cylinder, remove the pin and unscrew the cylinder.

# Step 16: Attach Single Spring Window Opener

## Part 1



**A:** Reference the manufacturer's supplied instruction for assembling the Single Spring Window Opener.

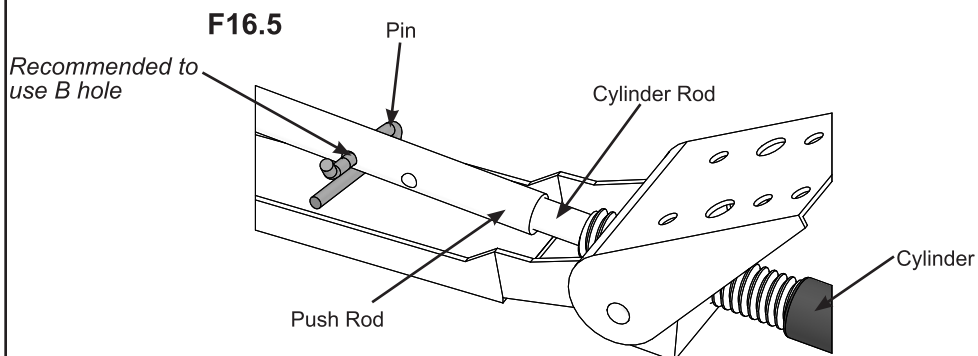
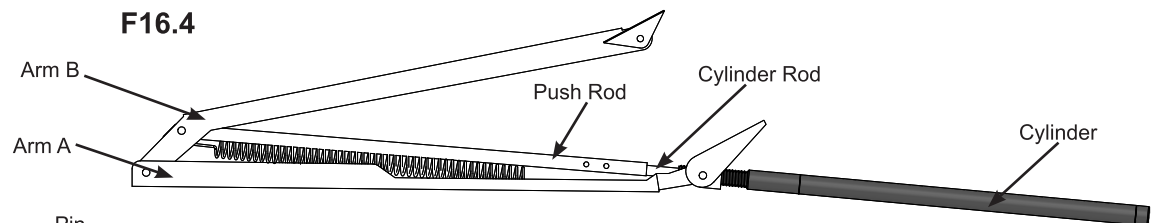
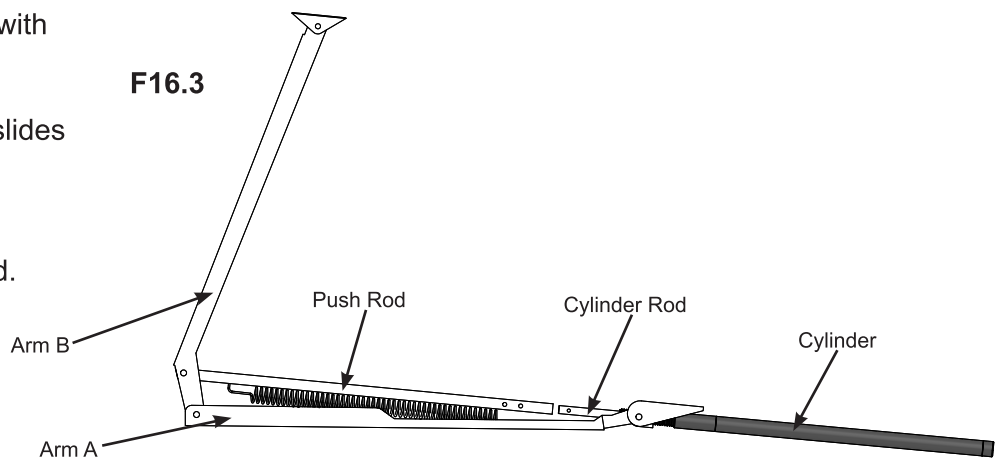
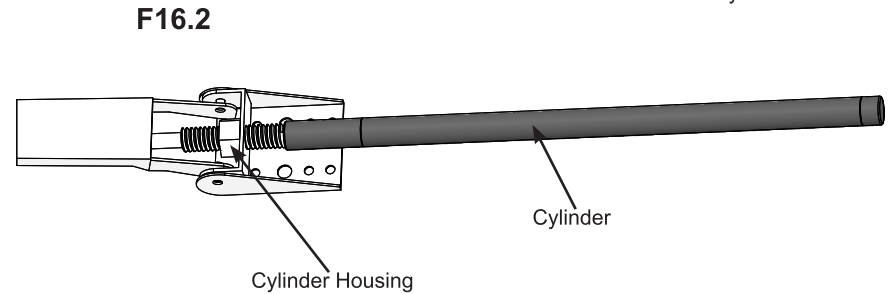
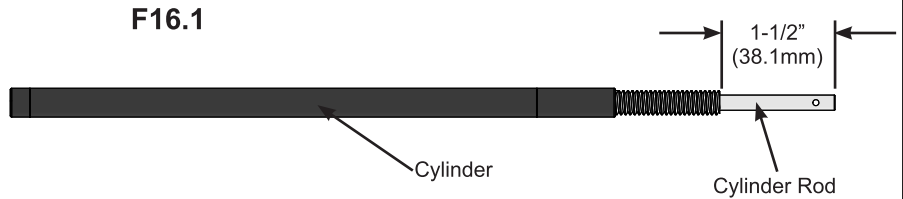
**B:** The Black Cylinder MUST be in the closed position prior to assembly. To close the cylinder, place it in the refrigerator for 5-7 minutes. After removing from the refrigerator push the Cylinder Rod so it is past the threads 1-1/2" (38.1m). (F16.1)

**C:** With the cylinder in the closed position screw the Cylinder into the Cylinder Housing halfway. (F16.2)

**D:** Lift Arm B so the Push Rod aligns with the Cylinder Rod. (F16.3)

**E:** Lower Arm B so the Cylinder Rod slides into the Push Rod and the holes align. (F16.4)

**F:** Insert pin in B hole of the Push Rod. (F16.5)



### Components

2 x Single Spring Window Opener



# Step 16: Attach Single Spring Window Opener

## Part 2

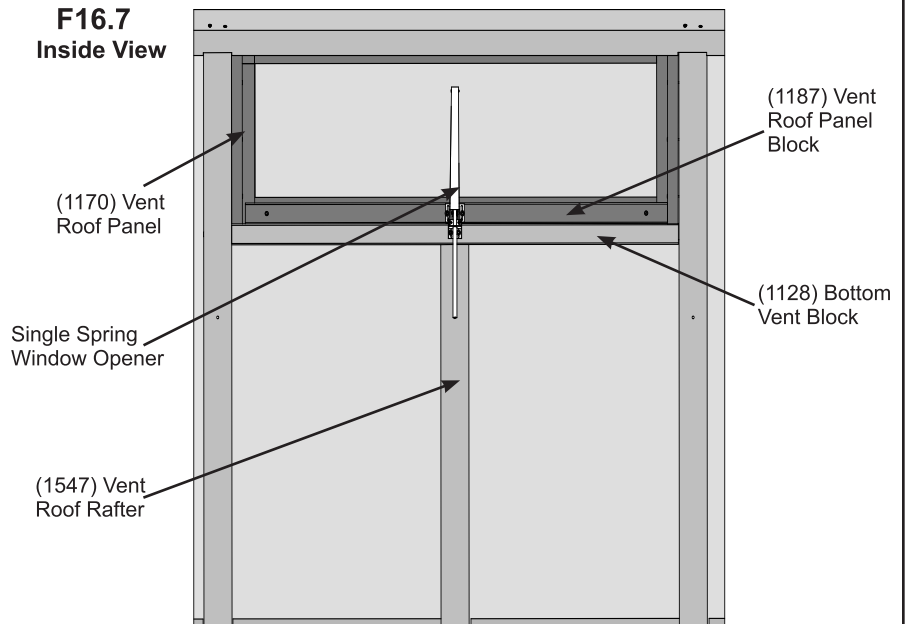


**G:** From inside the assembly, centre Single Spring Window Opener on (1170) Vent Roof Panel so it is aligned with (1547) Vent Roof Rafter. Attach Window Brace A & B to (1187) Vent Roof Panel Block and Frame Bracket to (1128) Bottom Vent Block with two #10 x 1-1/4" Pan Screws per brace. Braces should be in alignment. (F16.6, F16.7, F16.8 and F16.9)

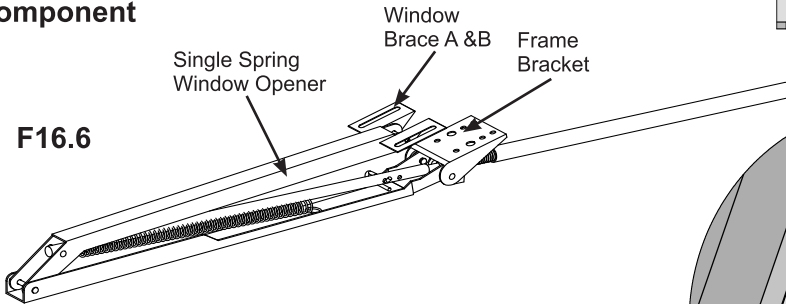
**H:** Repeats Steps A-G for second Vent Roof Panel.

**I:** The Aluminum Single Spring Window Opener is designed to automatically open and close with changes in temperature. **It must not be opened or closed manually. Doing so will result in damage to the component**

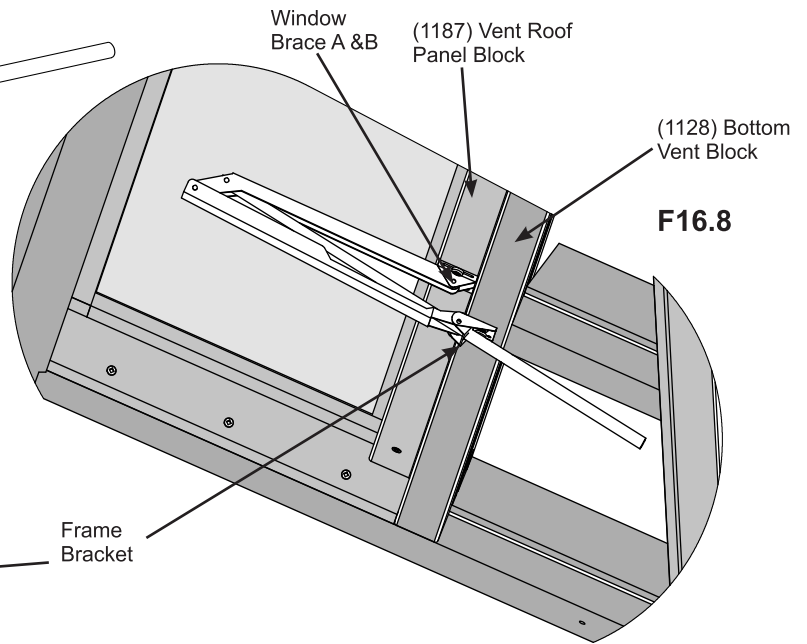
**F16.7**  
Inside View



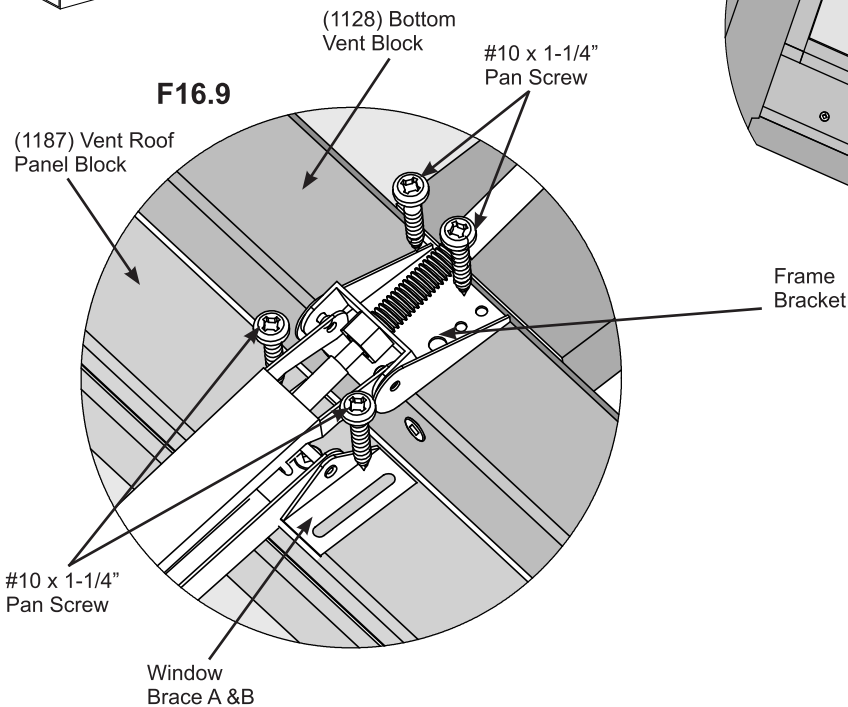
**F16.6**



**F16.8**



**F16.9**



### Hardware

8 x #10 x 1-1/4" Pan Screw



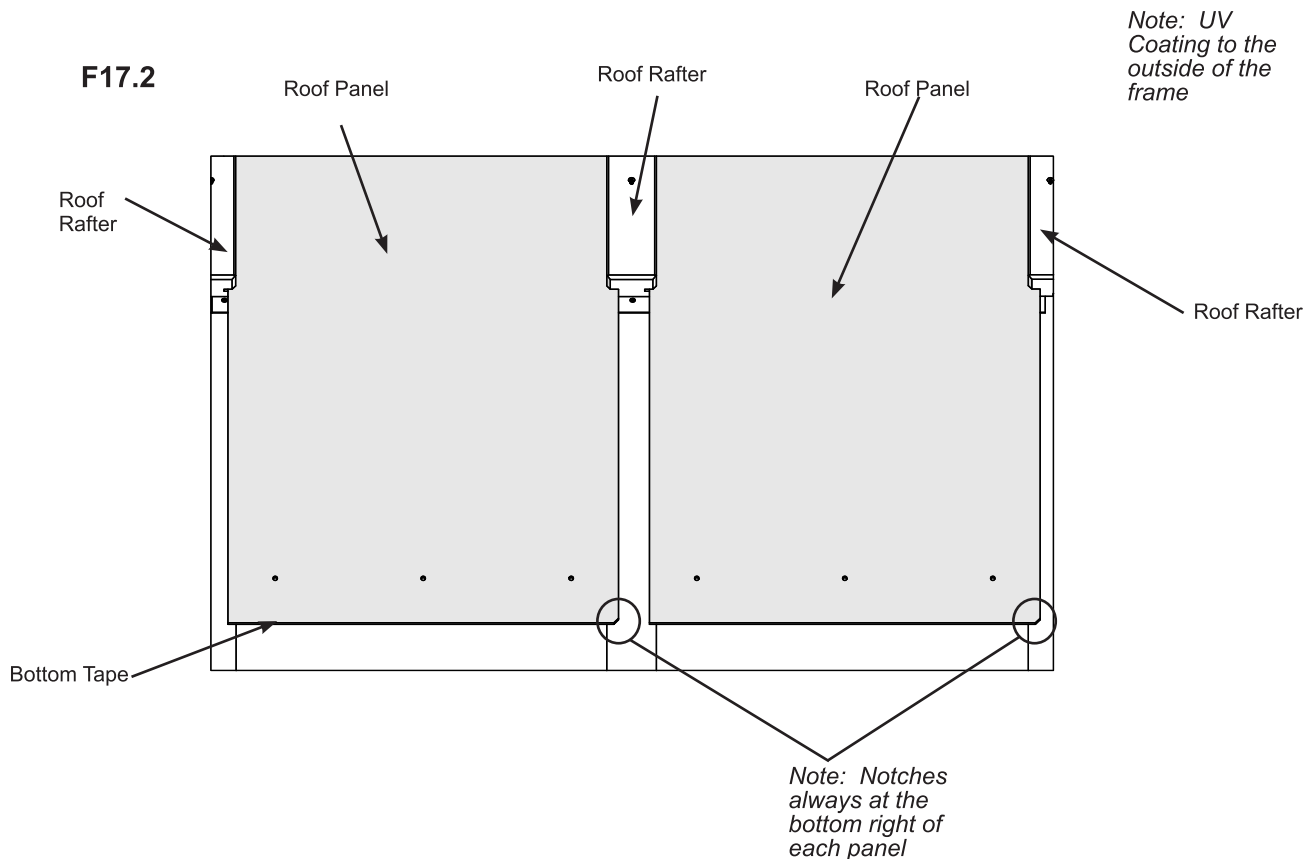
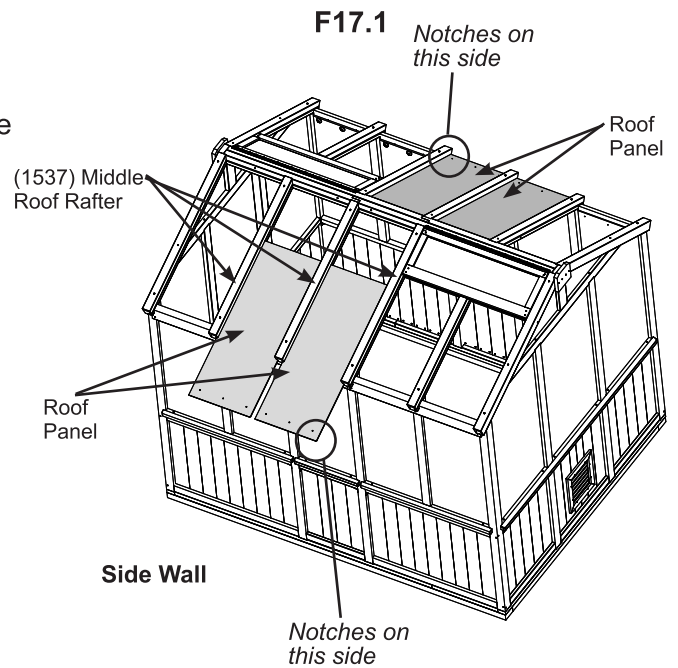
# Step 17: Install Roof Panels Part 1



**Remove film from both sides of Roof Panels and Small Roof Panels.**

**A:** Refer to pages 16 and 17 and apply top and bottom tape to Roof Panels and Small Roof Panels.

**B:** On each side wall in the grooves of (1537) Middle Rafters slide two Roof Panels up to fit in the grooves of (1548) Roof Peak and (1549) Roof Peak Long. Make sure the notch at the bottom is always on the right side of the panel. Holes are at the bottom of the panels. The UV coated side must be to the outside of the Assembly. (F17.1 and F17.2)



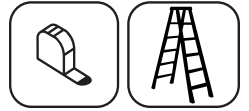
## Components

4 x Roof Panel

Top Tape

Bottom Tape

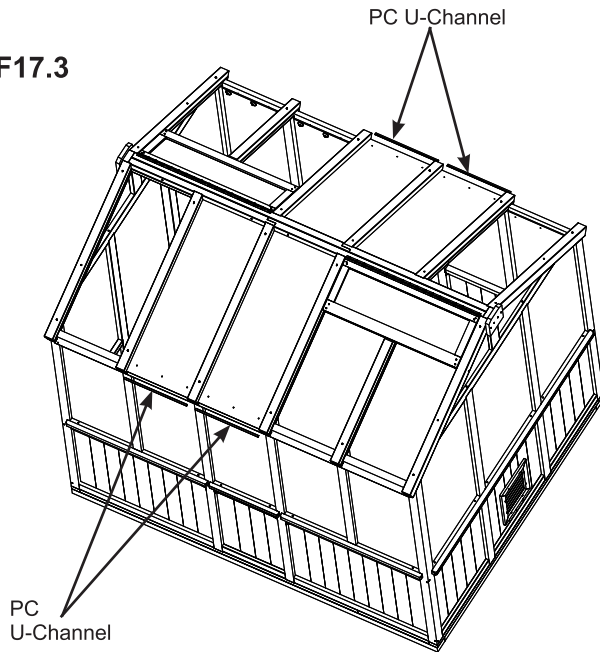
## Step 17: Install Roof Panels Part 2



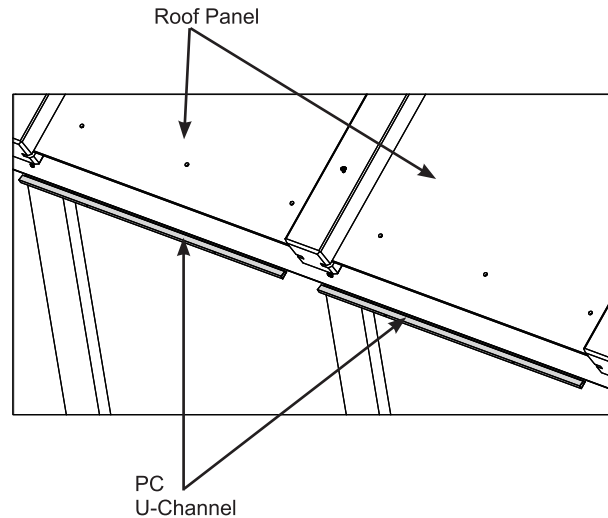
**D:** On the bottom of each Roof Panel place one PC U-Channel with a gap of approximately 1/8" (3.175 mm) between end of Roof Panel and PC U-Channel. (F17.3, F17.4 and F17.5)

**E:** Make sure Roof Panels are flush to the bottom of the Roof Rafters. Attach bottom of each Roof Panel to (1550) Side Wall Tops and (1551) Side Wall Top Shorts using three #10 x 1-1/4" Black Pan Screws with EPDM washers per panel. (F17.6)

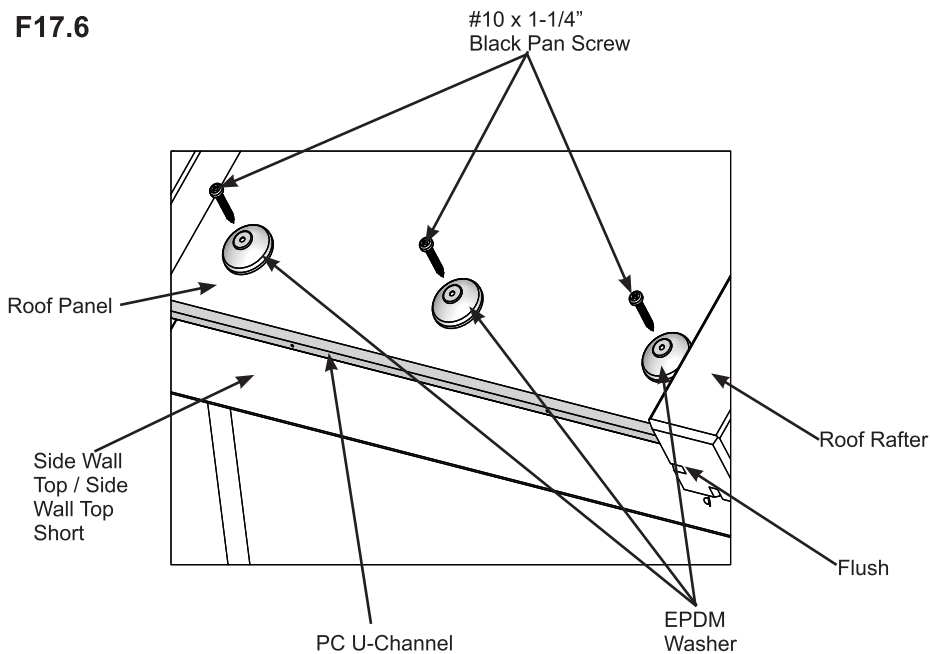
**F17.3**



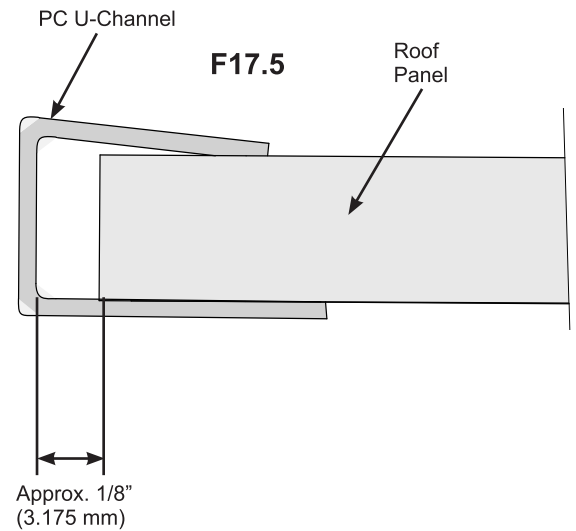
**F17.4**



**F17.6**



**F17.5**



### Components

4 x PC U-Channel

### Hardware

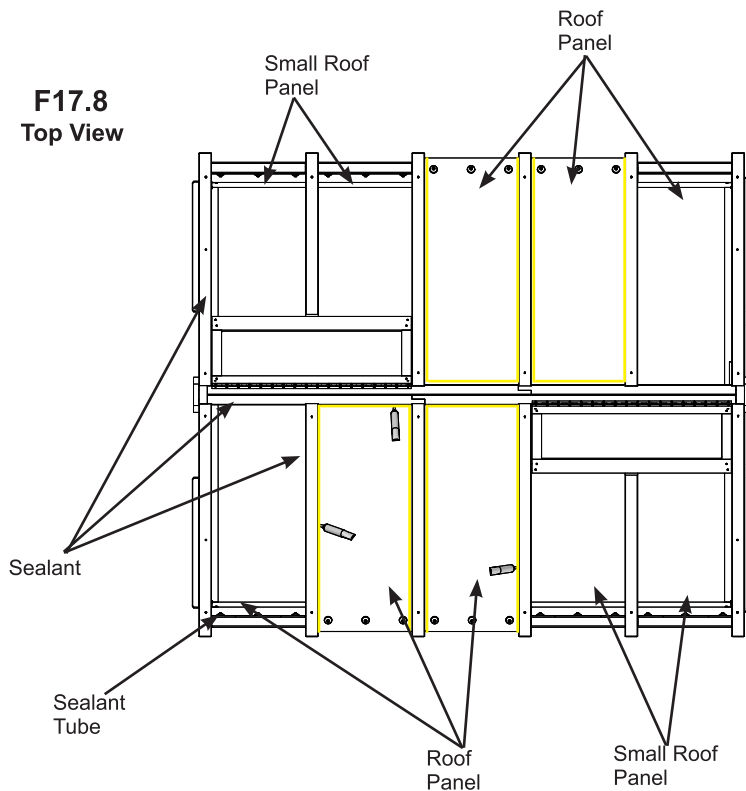
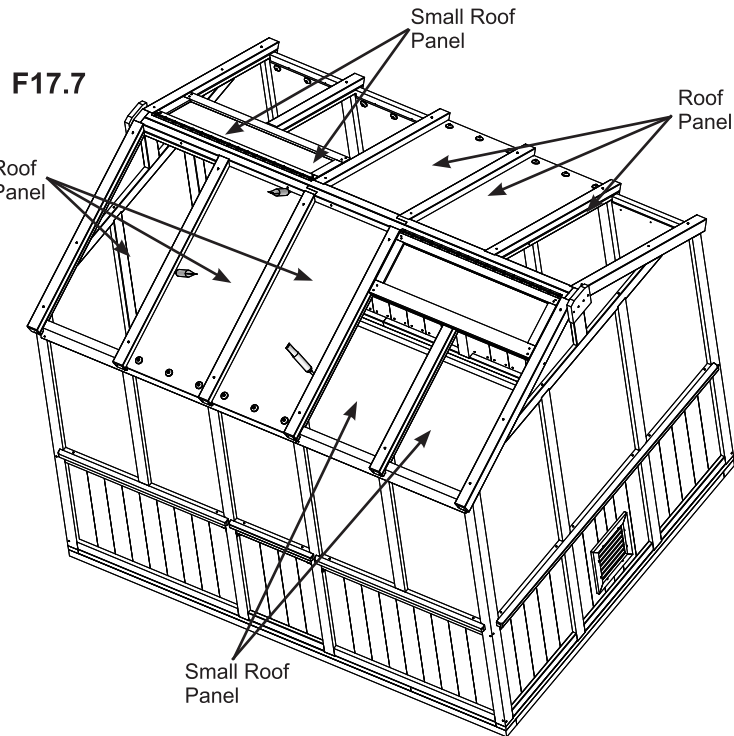
12 x #10 x 1-1/4" Black Pan Screw

12 x EPDM Washer

# Step 17: Install Roof Panels Part 3



**F:** On the outside of the assembly apply silicone sealant on three sides of each Roof Panel as shown in F17.8. Sealant should be applied in small beads and smoothed out. (F17.7 and F17.8)



**Note:** All surfaces to be clean, dry, dust and grease free before application with temperatures above 5°C (41°F), no warmer than 35°C (95°F).

- Cut off tip of tube, attach supplied nozzle then put in caulking gun. See page 6.
- Apply sealant in small beads and smooth as required.
- Clean excess with a cloth or paper towel before it skins over.
- Always wear safety glasses and rubber gloves when using product.

**See page 6 for Warning and First Aid Information.**

## Components

Sealant

# Step 17: Install Roof Panels Part 4

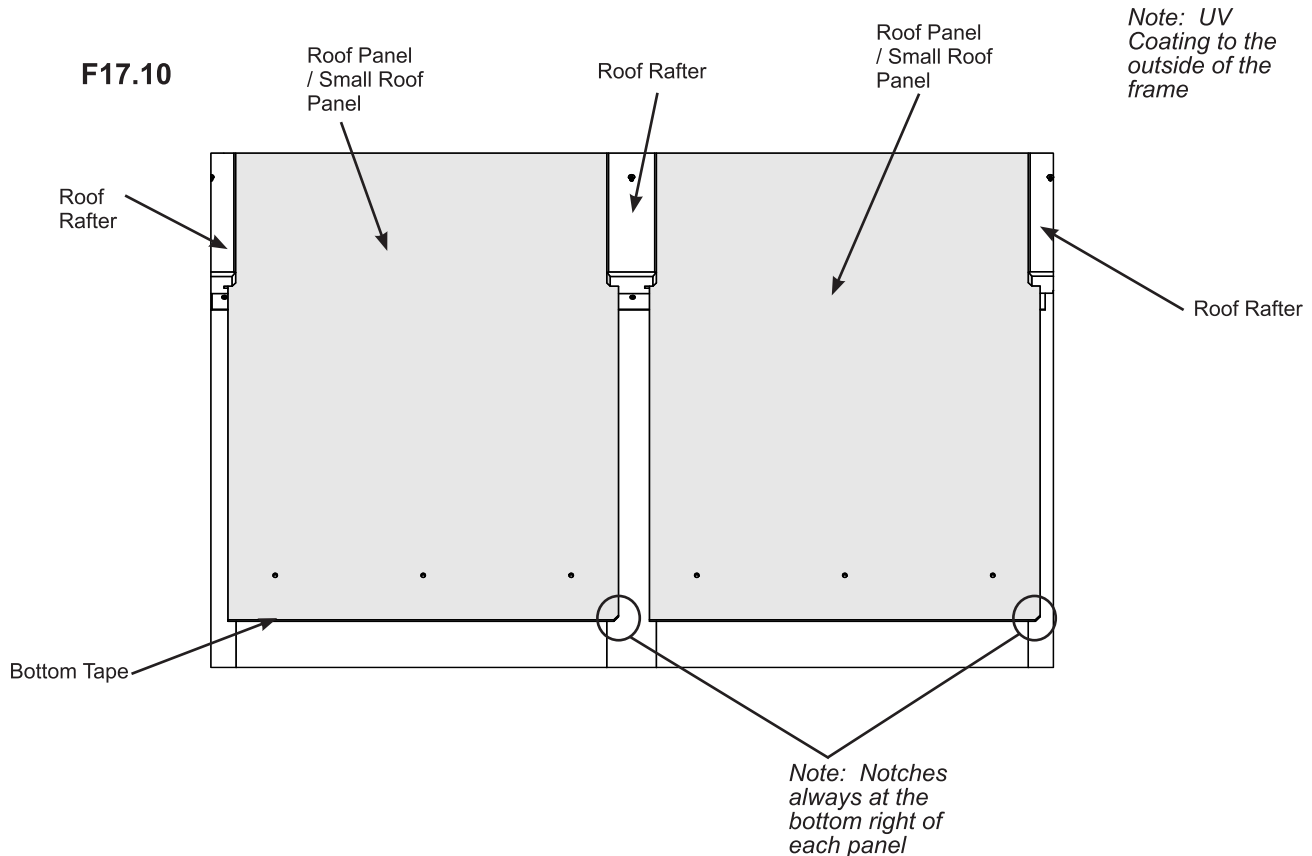
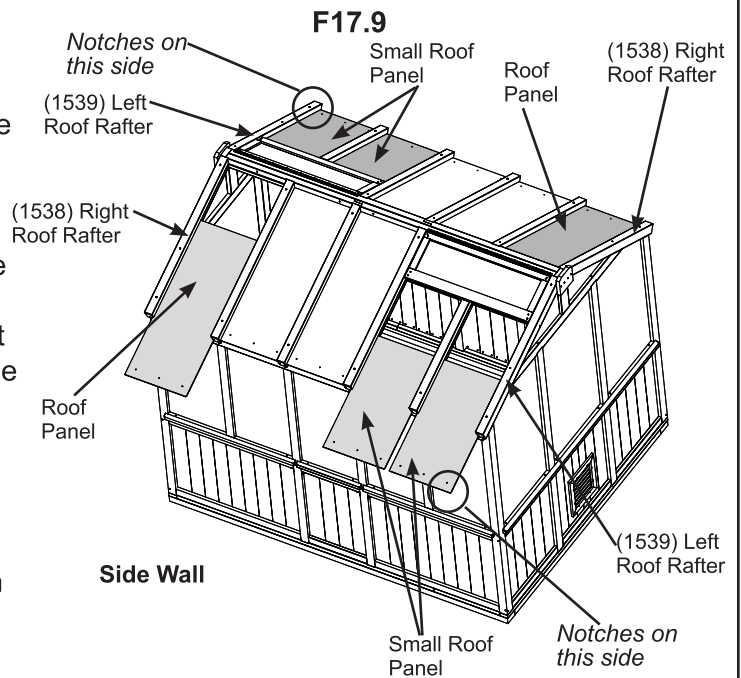


**Remove film from both sides of Roof Panels and Small Roof Panels.**

**G:** Refer to pages 16 and 17 and apply top and bottom tape to Roof Panels and Small Roof Panels.

**H:** On each side wall in the grooves of Right Roof Rafters and Middle Roof Rafters slide one Roof Panel up to fit in the grooves of (1548) Roof Peak. Make sure the notch at the bottom is always on the right side of the panel. Holes are at the bottom of the panels. The UV coated side must be to the outside of the Assembly. (F17.9)

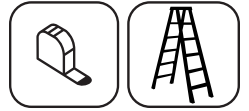
**I:** On each side wall in the grooves of Left Roof Rafters, Middle Roof Rafters and Vent Roof Rafters slide two Small Roof Rafter Panels up to fit in the grooves of (1128) Bottom Vent Block. Make sure the notch at the bottom is always on the right side of the panel. Holes are at the bottom of the panels. The UV coated side must be to the outside of the Assembly. (F17.9 and F17.10)



## Components

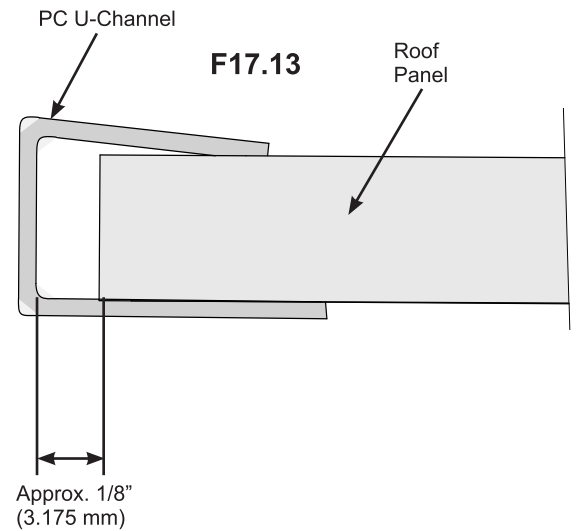
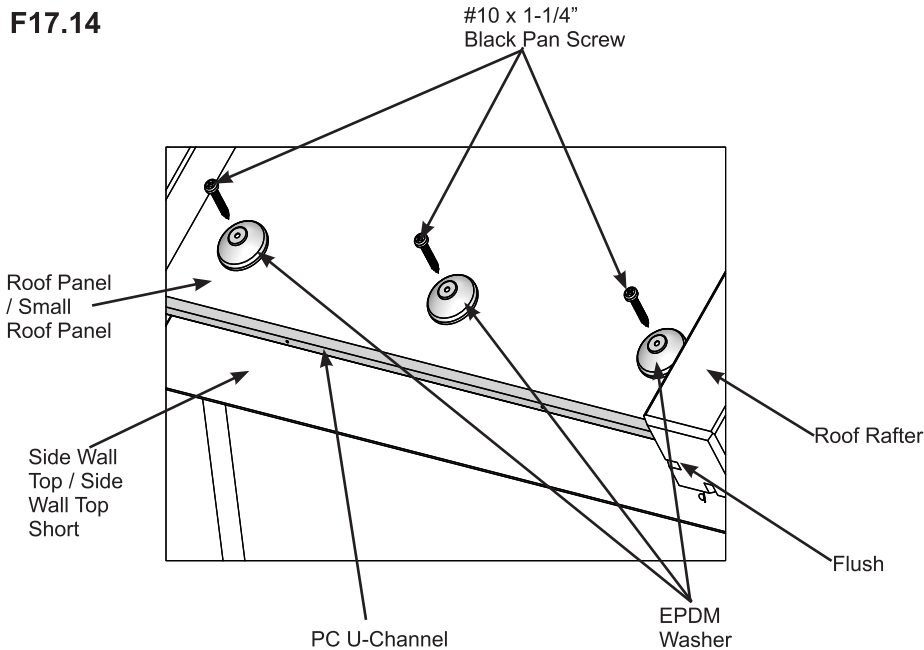
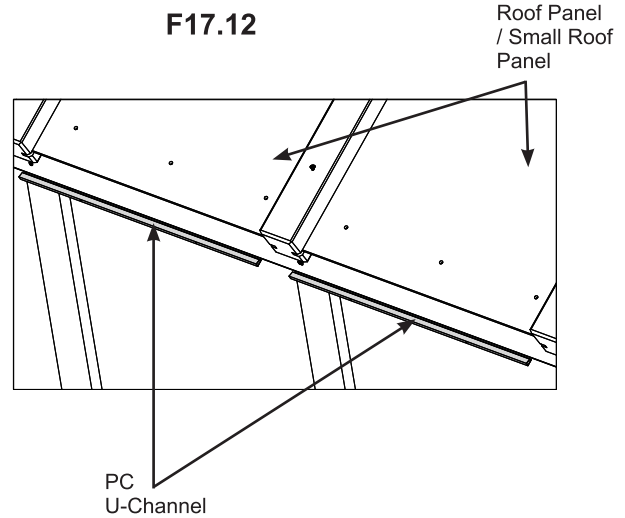
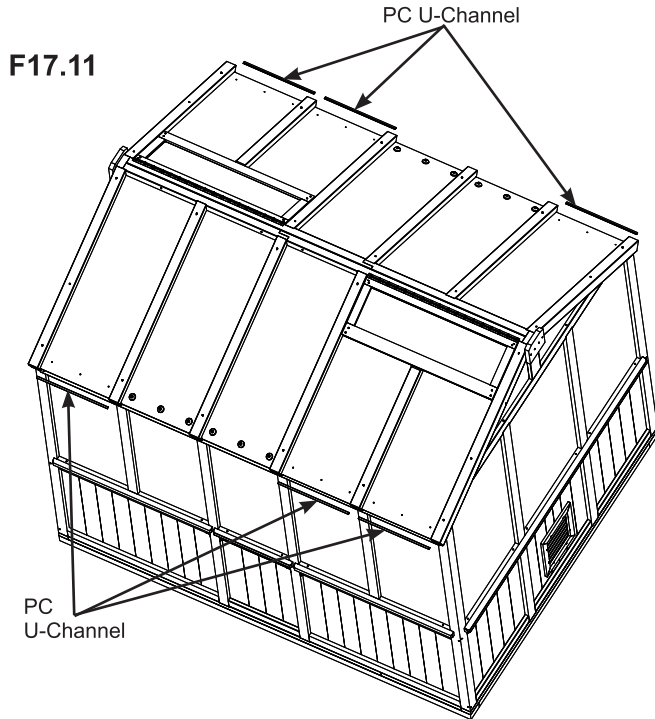
2 x Roof Panel  
4 x Small Roof Panel  
Top Tape  
Bottom Tape

# Step 17: Install Roof Panels Part 5



**J:** On the bottom of each Roof Panel and Small Roof Panel place one PC U-Channel with a gap of approximately 1/8" (3.175 mm) between end of Roof Panel and PC U-Channel. (F17.11, F17.12 and F17.13)

**K:** Make sure Roof Panels are flush to the bottom of the Roof Rafters. Attach bottom of each Roof Panel and Small Roof Panel to (1550) Side Wall Tops and (1551) Side Wall Top Shorts using three #10 x 1-1/4" Black Pan Screws with EPDM washers per panel. (F17.14)



## Components

6 x PC U-Channel

## Hardware

18 x #10 x 1-1/4" Black Pan Screw

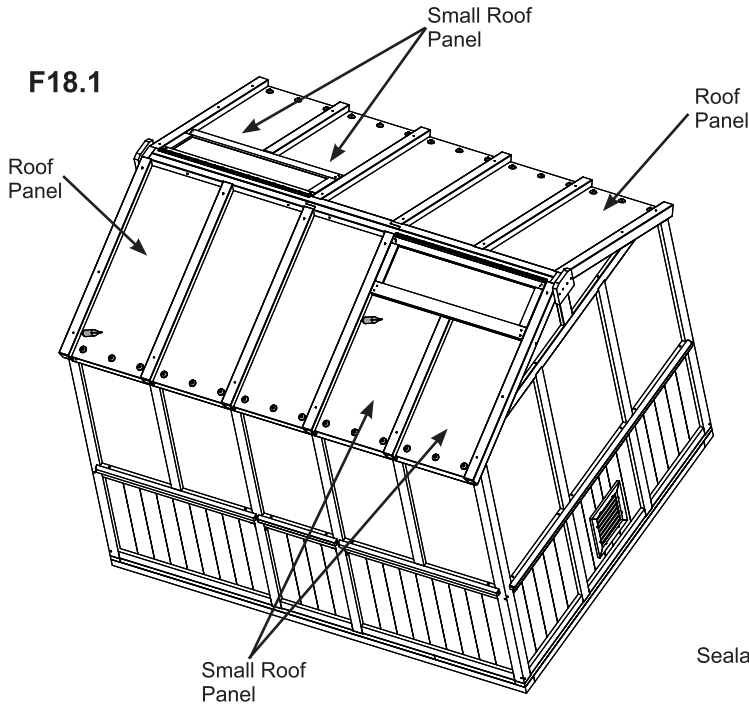
18 x EPDM Washer

# Step 18: Apply Sealant Part 1

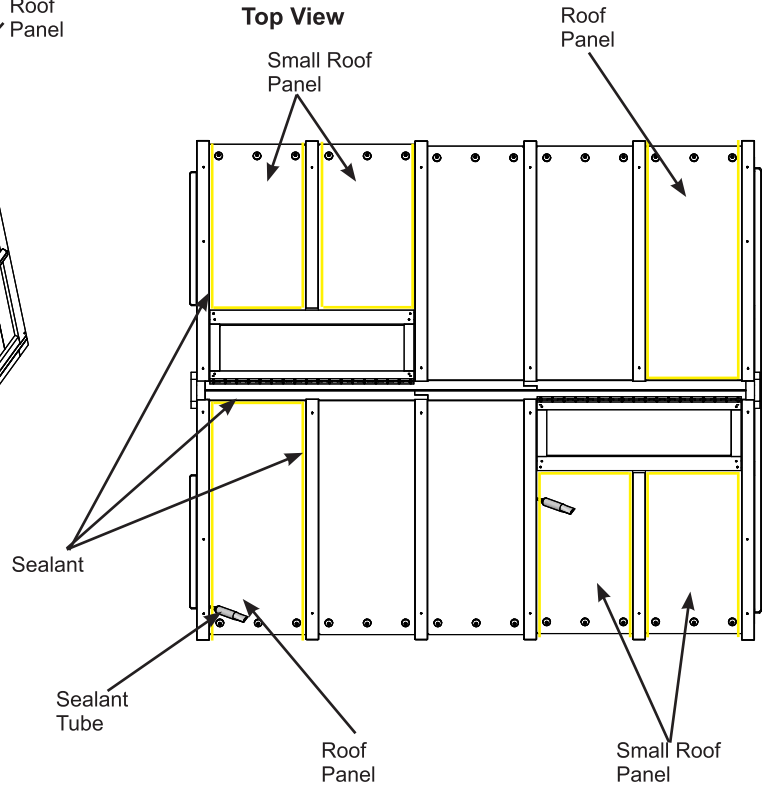


**A:** On both the inside and outside of the assembly apply silicone sealant on three sides of each Roof Panel and Small Roof Panel as shown in F18.3. Sealant should be applied in small beads and smoothed out. (F18.1, F18.2 and F18.3)

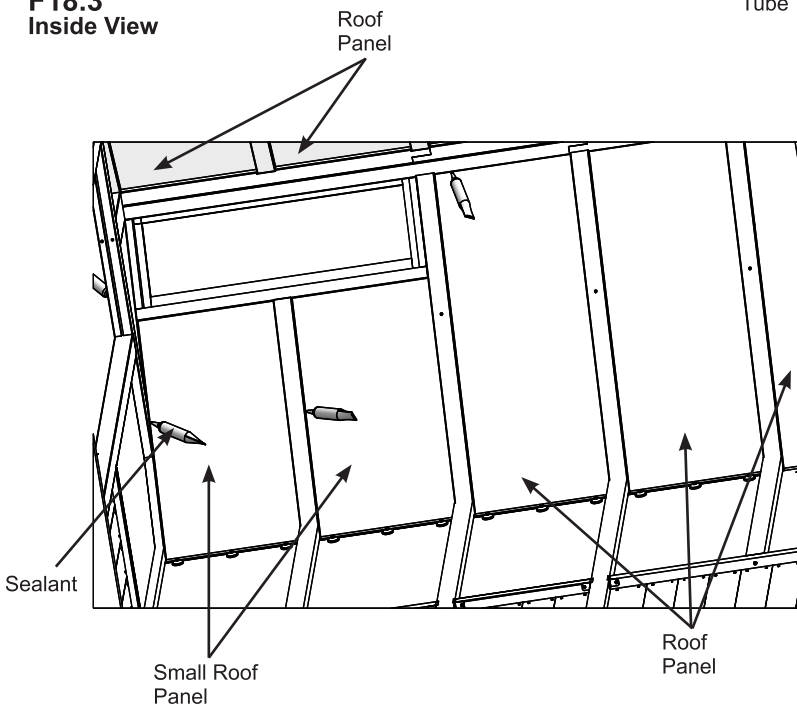
**F18.1**



**F18.2  
Top View**



**F18.3  
Inside View**



**Note:** All surfaces to be clean, dry, dust and grease free before application with temperatures above 5°C (41°F), no warmer than 35°C (95°F).

- Cut off tip of tube, attach supplied nozzle then put in caulking gun. See page 6.
- Apply sealant in small beads and smooth as required.
- Clean excess with a cloth or paper towel before it skins over.
- Always wear safety glasses and rubber gloves when using product.

**See page 6 for Warning and First Aid Information.**

## Components

Sealant

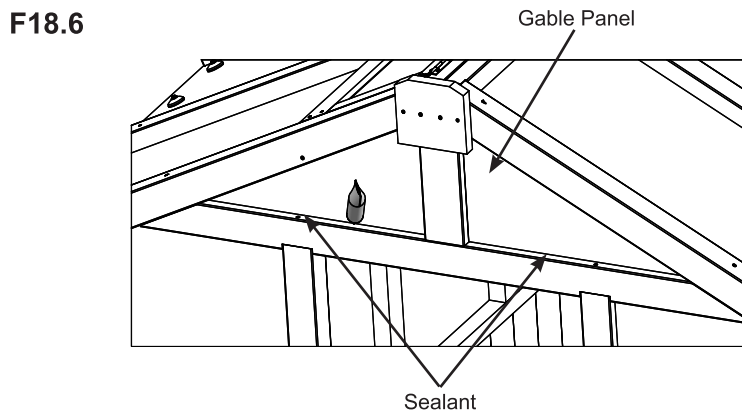
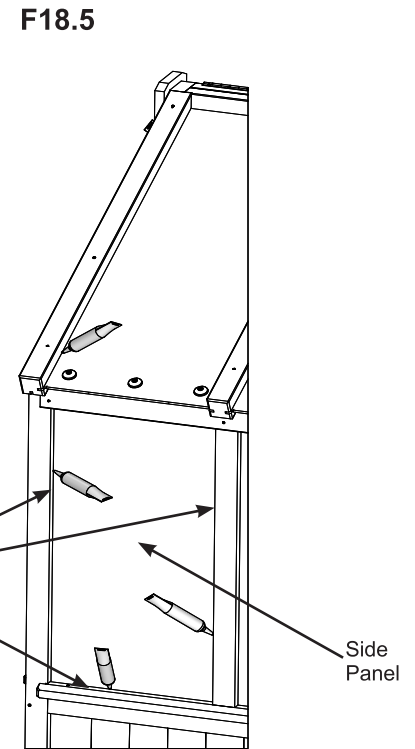
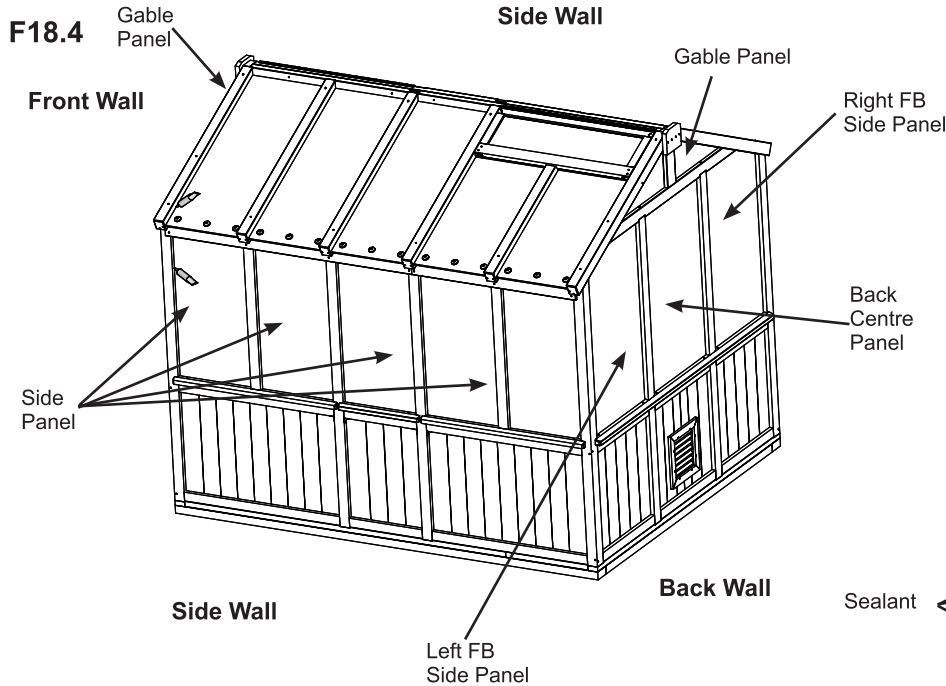


## Step 18: Apply Sealant Part 2



**B:** From outside the assembly, on Front Wall, Back Wall and both Side Walls apply silicone sealant on sides and bottom of Left and Right FB Side Panels, Back Centre panel and Side Panels. Sealant should be applied in small beads and smoothed out. (F18.4 and F18.5)

**C:** From outside the assembly, on Front and Back Walls apply silicone sealant on bottom of Gable Panels. Sealant should be applied in small beads and smoothed out. (F18.4 and F18.6)



**Note:** All surfaces to be clean, dry, dust and grease free before application with temperatures above 5°C (41°F), no warmer than 35°C (95°F).

- Cut off tip of tube, attach supplied nozzle then put in caulking gun. See page 6.
- Apply sealant in small beads and smooth as required.
- Clean excess with a cloth or paper towel before it skins over.
- Always wear safety glasses and rubber gloves when using product.

**See page 6 for Warning and First Aid Information.**

### Components

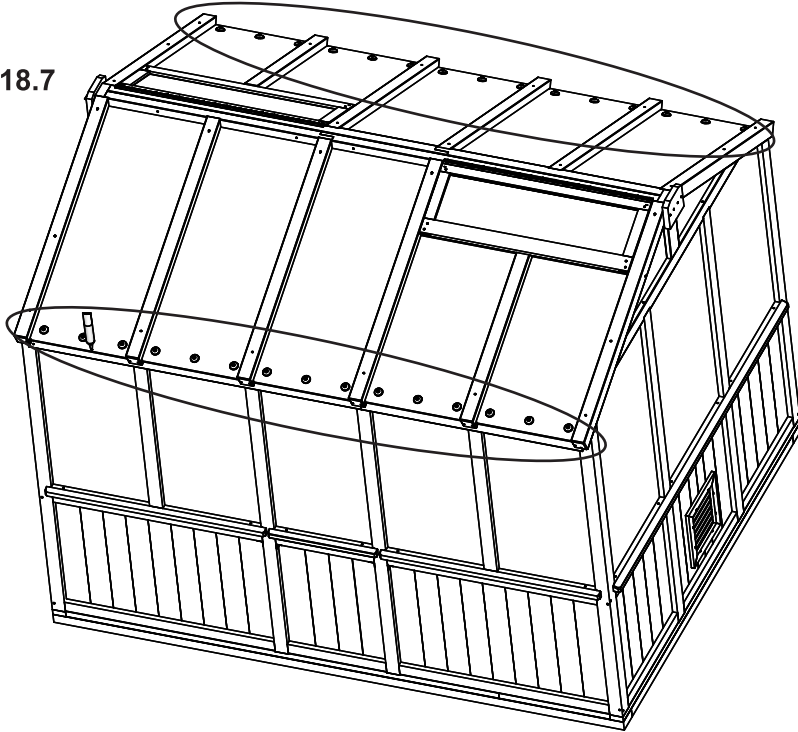
Sealant

## Step 18: Apply Sealant Part 3



**D:** Apply silicone caulking on the top edge of PC U-Channel to seal to Roof and Small Roof Panels. Sealant should be applied in small beads and smoothed out. (F18.7 and F18.8)

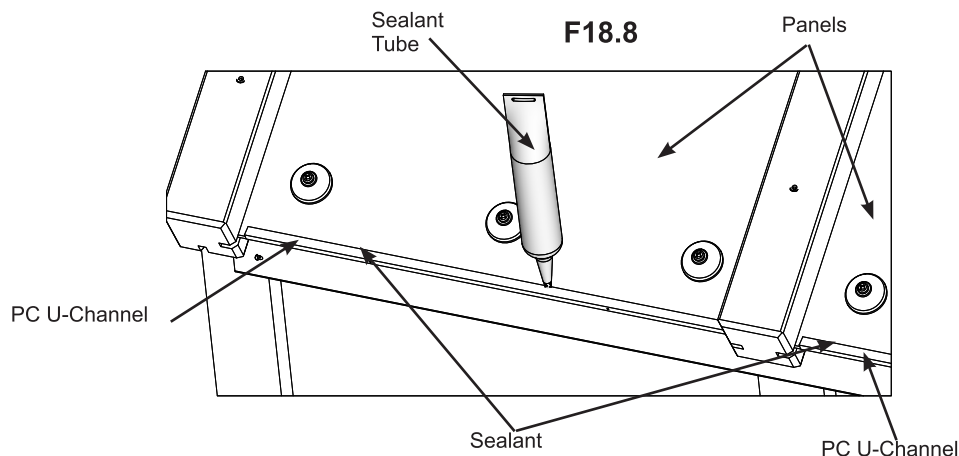
F18.7



**Note:** All surfaces to be clean, dry, dust and grease free before application with temperatures above 5°C (41°F), no warmer than 35°C (95°F).

- Cut off tip of tube, attach supplied nozzle then put in caulking gun. See page 6.
- Apply sealant in small beads and smooth as required.
- Clean excess with a cloth or paper towel before it skins over.
- Always wear safety glasses and rubber gloves when using product.

**See page 6 for Warning and First Aid Information.**



### Components

Sealant



# Step 19: Upper Shelf Assembly Part 1

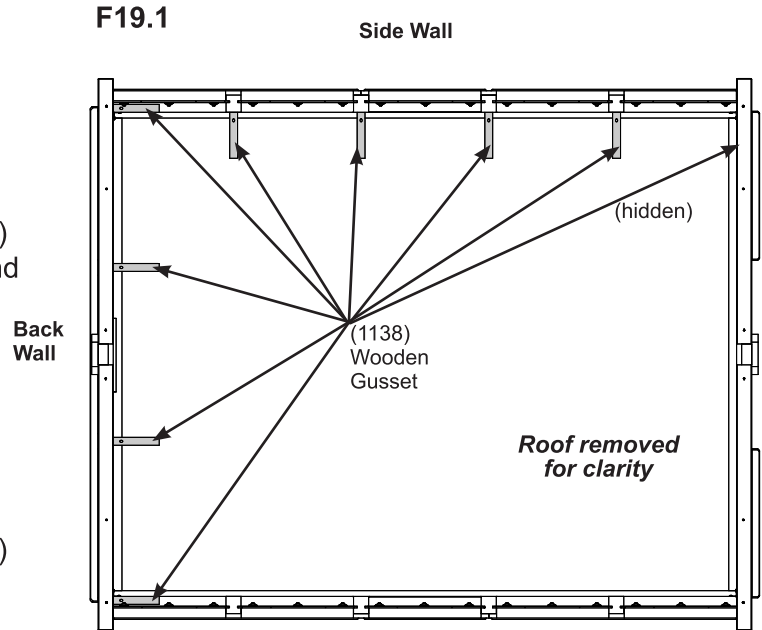


**Note:** Upper and Lower Shelves can be installed on either Side Wall.

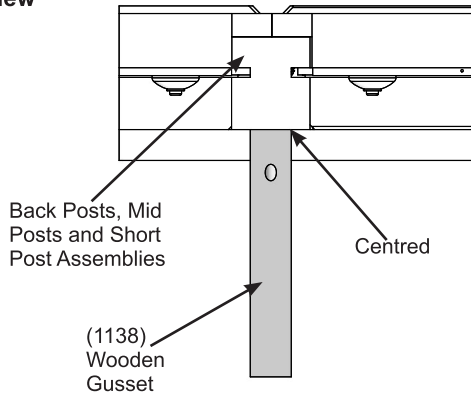
**A:** On the Back Wall, at each post measure 31" (78.74 cm) up from the top of (1533) Back Wall Sill and make a mark. Place one (1138) Wooden Gusset on each post so the top of the gusset is at the measured mark. (1138) Wooden Gusset to be centered on (1113) Back Posts and flush to the inside of (1108) Left Post and (1109) Right Post. Attach Gussets to posts with two #8 x 3" Wood Screws per gusset. (F19.1, F19.2, F19.3 and F19.4)

**B:** On one Side Wall, at each post measure 31" (78.74 cm) up from the top of (1107) Side Wall Sill and make a mark. Place one (1138) Wooden Gusset on each post so the top of the gusset is at the measured mark. (1138) Wooden Gusset to be centered on (1110) Mid Post and (1144) Short Post Assemblies and flush to the inside of Left or Right Post. Attach Gussets to posts with two #8 x 3" Wood Screws per gusset. (F19.1, F19.2, F19.3 and F19.4)

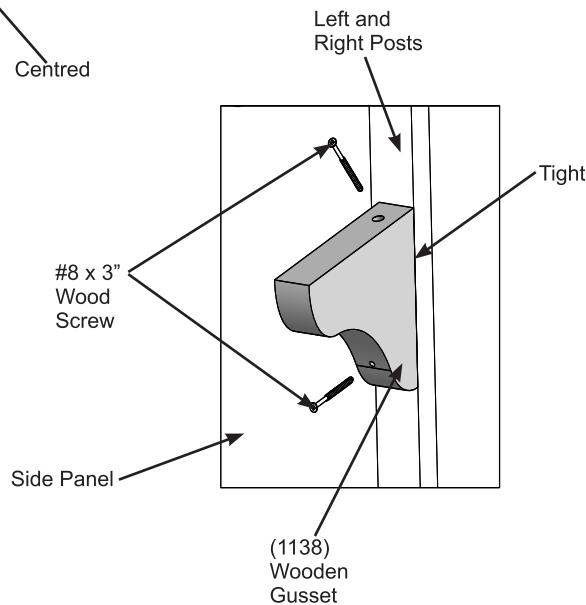
**F19.1**



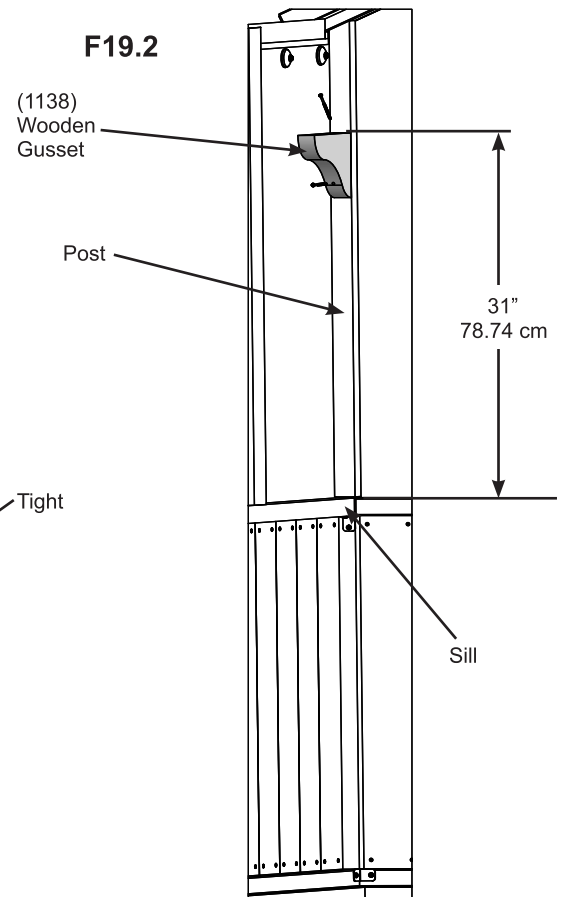
**F19.3**  
Top View



**F19.4**



**F19.2**



## Wood Parts

9 x (1138) Wooden Gusset

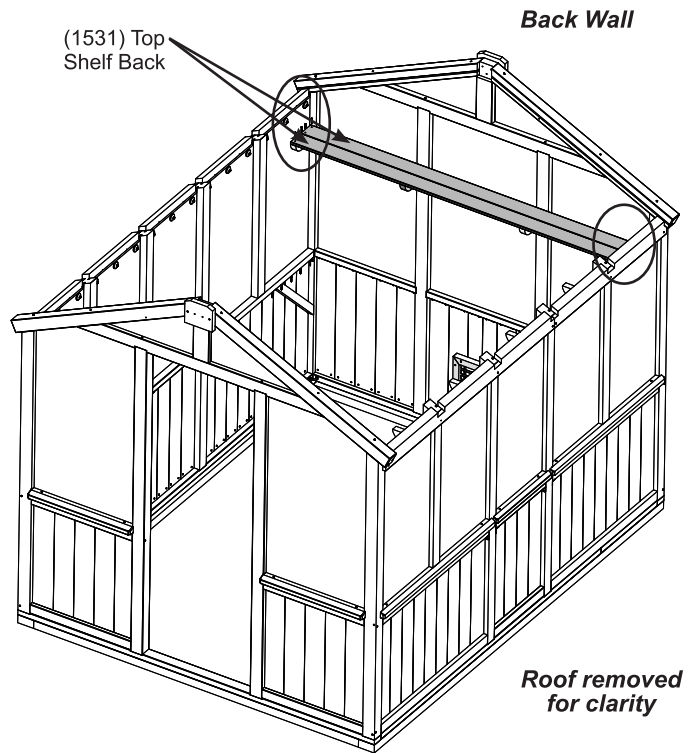
## Hardware

18 x #8 x 3" Wood Screw

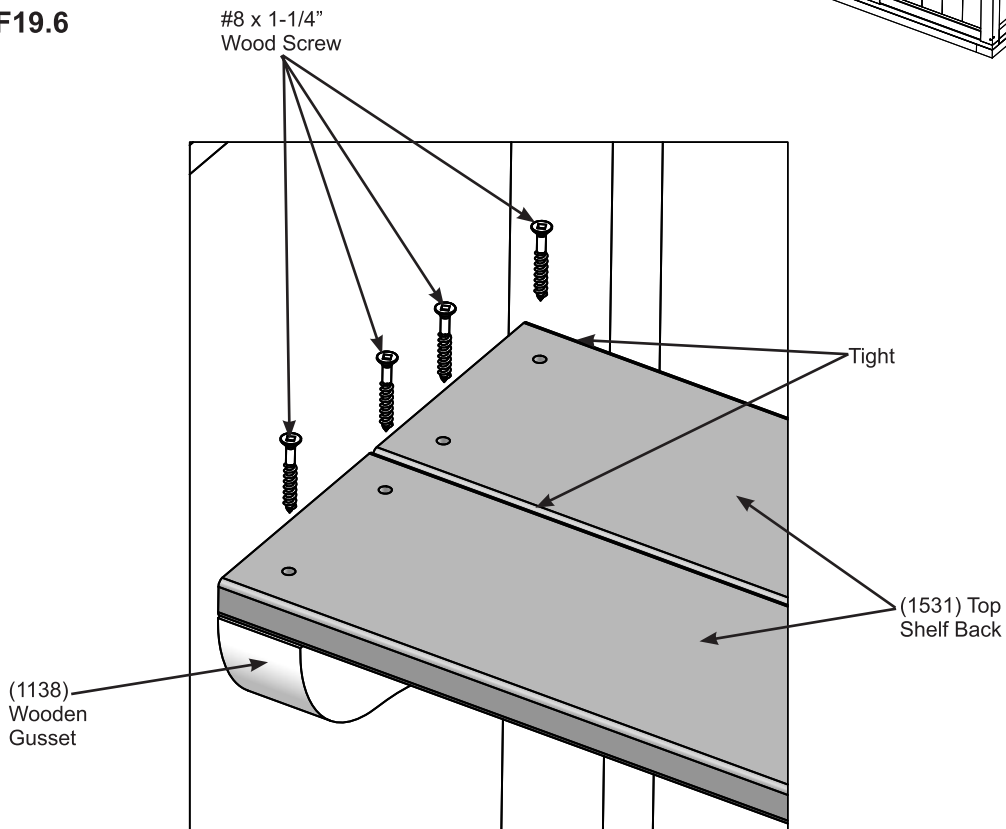
## Step 19: Upper Shelf Assembly Part 2

**C:** Tight to the Back Wall place two (1531) Top Shelf Backs on (1138) Wooden Gussets so they are tight to each other. Attach with four #8 x 1-1/4" Wood Screws per shelf. (F19.5 and F19.6)

**F19.5**



**F19.6**



### Wood Parts

2 x (1531) Top Shelf Back

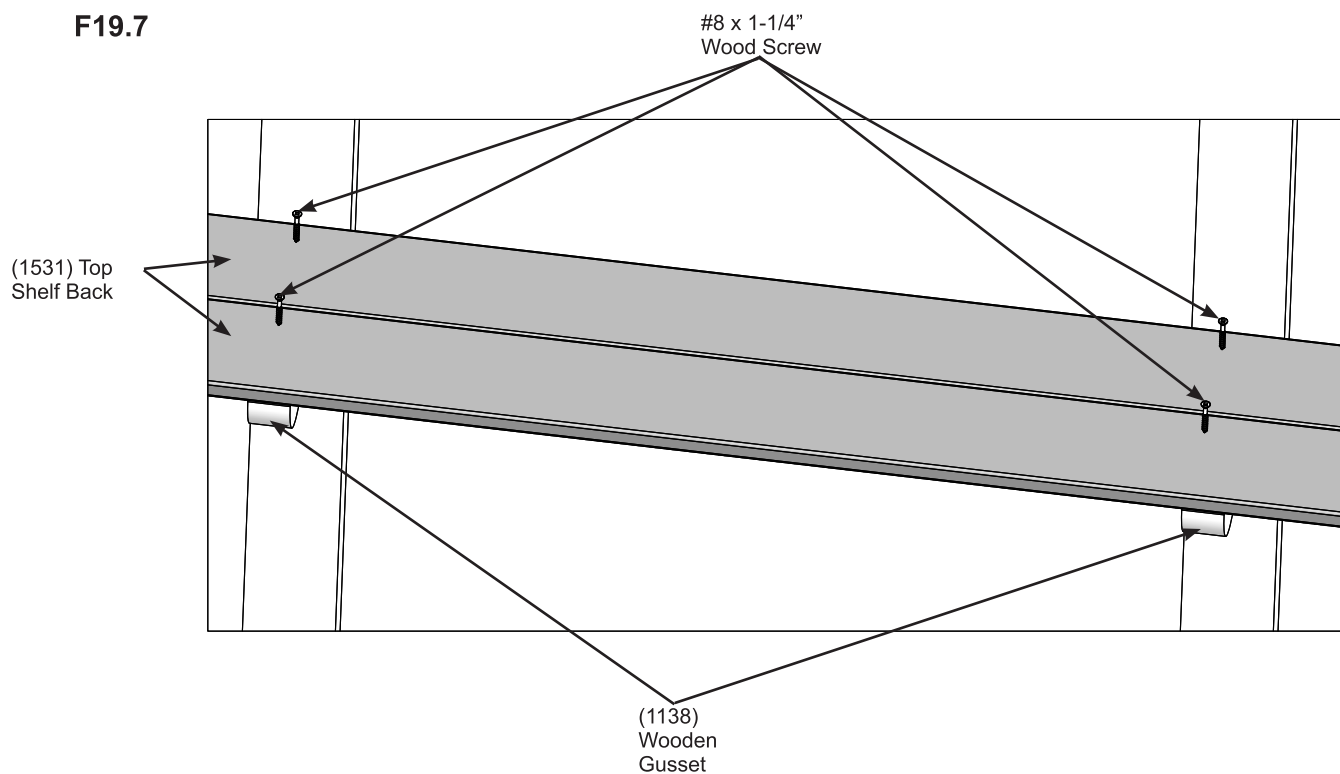
### Hardware

8 x #8 x 1-1/4" Wood Screw

## Step 19: Upper Shelf Assembly Part 3

**D:** Over the two middle (1138) Wooden Gussets locate centre of each (1531) Top Shelf Back then attach (1531) Top Shelf Backs to (1138) Wooden Gussets with two #8 x 1-1/4" Wood Screws per shelf. (F19.7)

**F19.7**

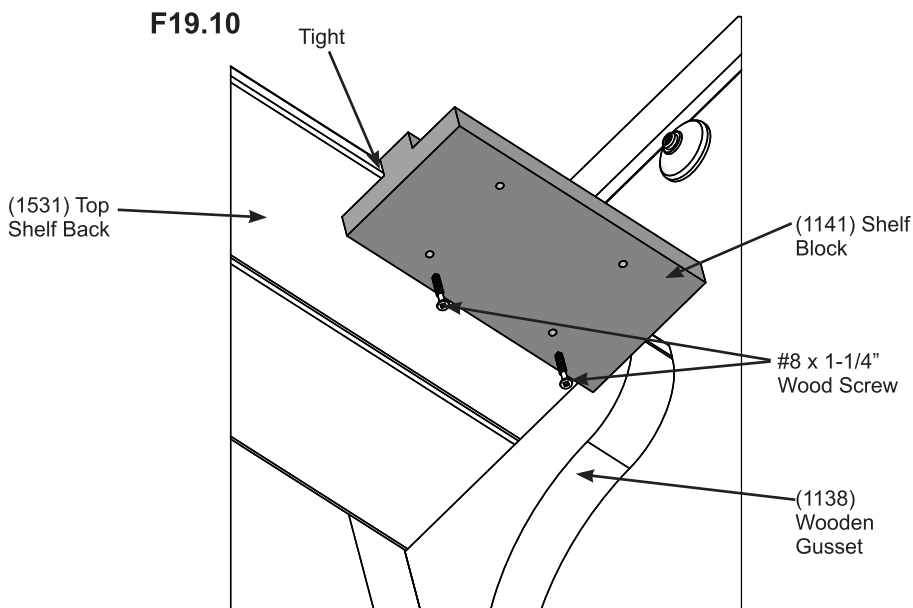
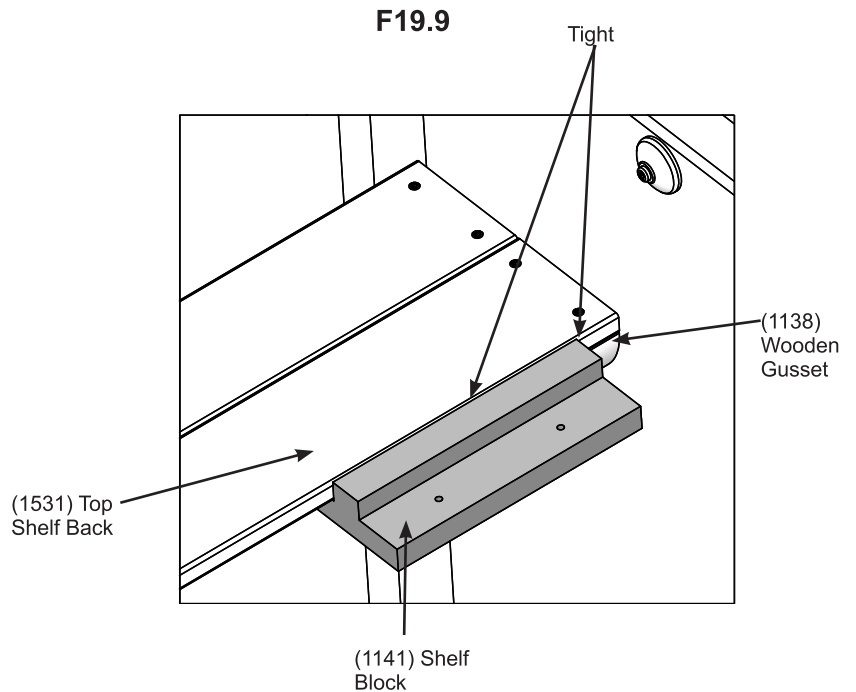
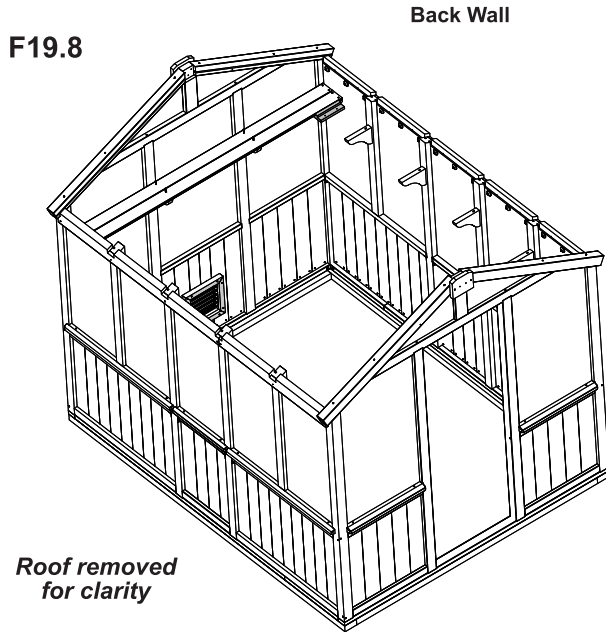


### Hardware

4 x #8 x 1-1/4" Wood Screw

## Step 19: Upper Shelf Assembly Part 4

**E:** Tight to the end (1138) Wooden Gusset, on the same side as the Side Wall gussets, place one (1141) Shelf Block under (1531) Top Shelf Back and attach block to shelf with two #8 x 1-1/4" Wood Screws. (F19.8, F19.9 and F19.10)



### Wood Parts

1 x (1141) Shelf Block

### Hardware

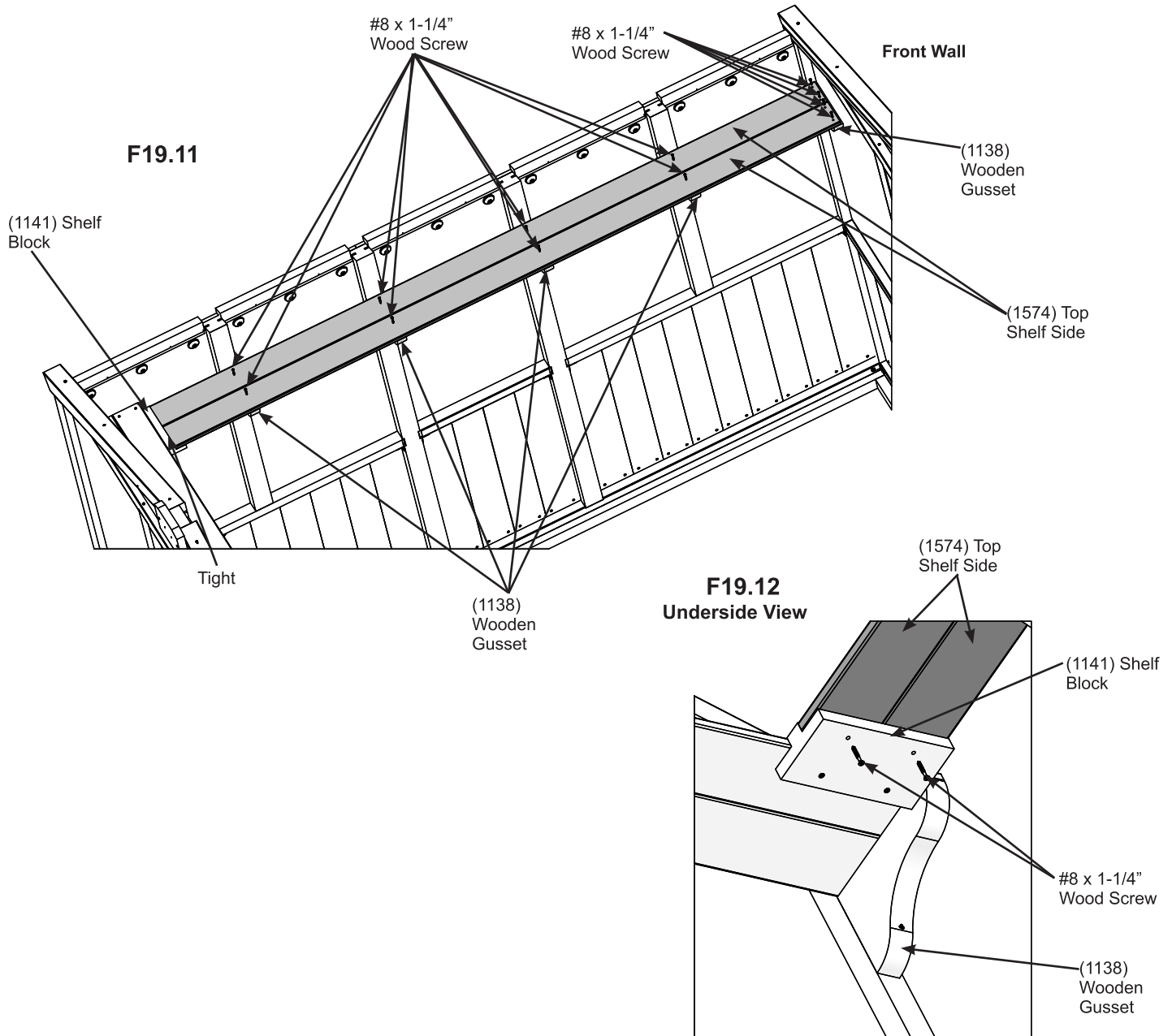
2 x #8 x 1-1/4" Wood Screw

## Step 19: Upper Shelf Assembly Part 5

**F:** Tight to the Side Wall place two (1574) Top Shelf Sides on (1138) Wooden Gussets and (1141) Shelf Block. The ends with the pilot holes go on the Front Wall side, the other end is tight to (1141) Shelf Block. Attach (1574) Top Shelf Sides to Front Wall side (1138) Wooden Gusset with two #8 x 1-1/4" Wood Screws per shelf. (F19.11)

**G:** Over the four middle (1138) Wooden Gussets locate centre of each (1574) Top Shelf Side then attach (1574) Top Shelf Sides to (1138) Wooden Gussets with four #8 x 1-1/4" Wood Screws per shelf. (F19.11)

**H:** Attach (1141) Shelf Block to both (1574) Top Shelf Sides with two #8 x 1-1/4" Wood Screws. (F19.12)



### Wood Parts

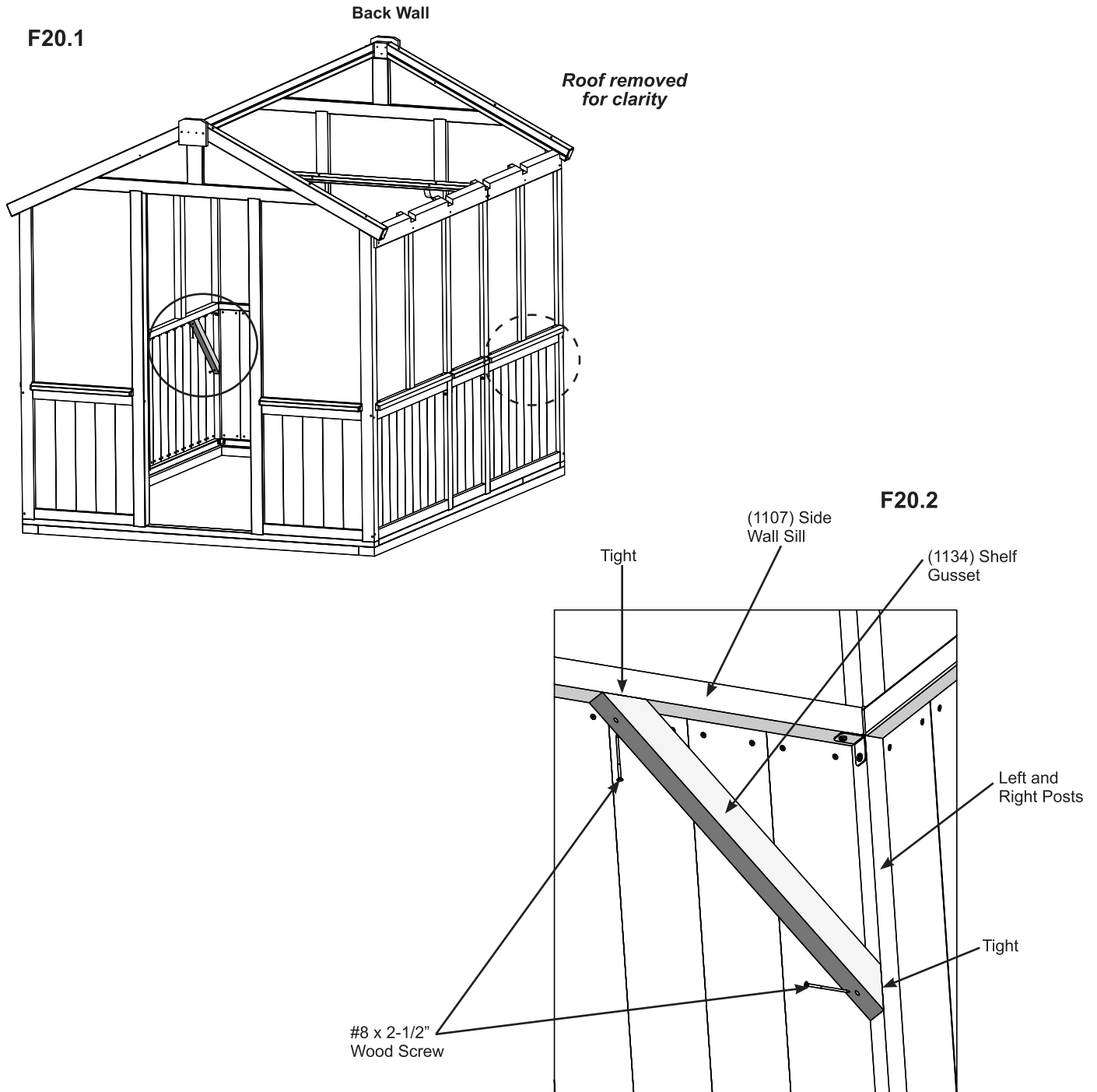
2 x (1574) Top Shelf Side

### Hardware

14 x #8 x 1-1/4" Wood Screw

## Step 20: Lower Shelf Assembly - Back Wall Part 1

**A:** On Back Wall place one (1134) Shelf Gusset on both (1108) Left Post and (1109) Right Post so (1134) Shelf Gussets fit tight to bottom of each (1107) Side Wall Sill. Attach to posts and sill with two #8 x 2-1/2" Wood Screws per gusset. (F20.1 and F20.2)



### Wood Parts

2 x (1134) Shelf Gusset

### Hardware

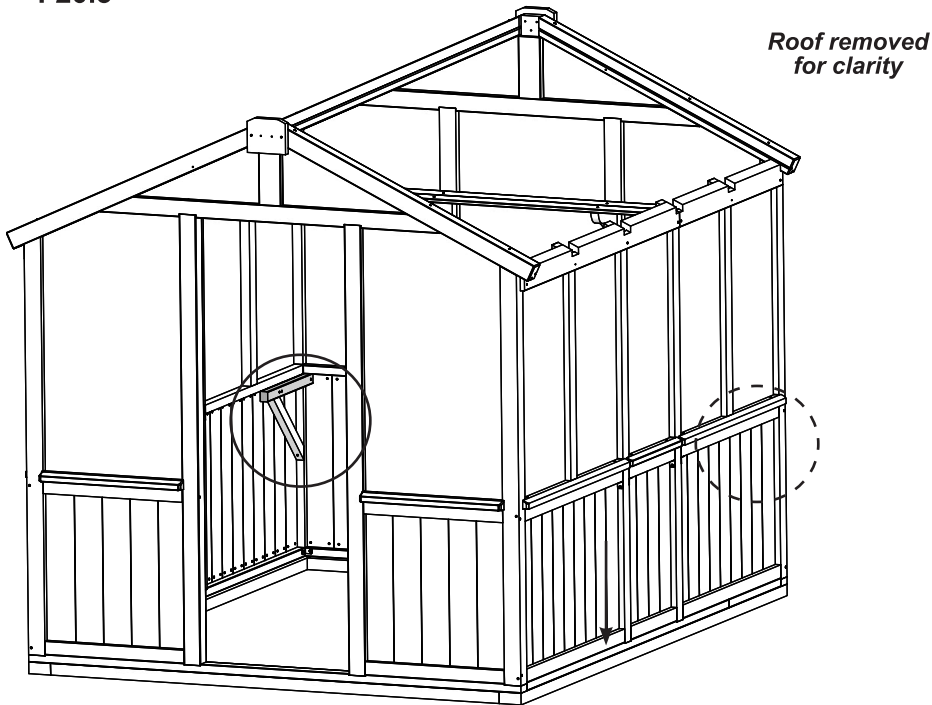
4 x #8 x 2-1/2" Wood Screw

## Step 20: Lower Shelf Assembly - Back Wall Part 2

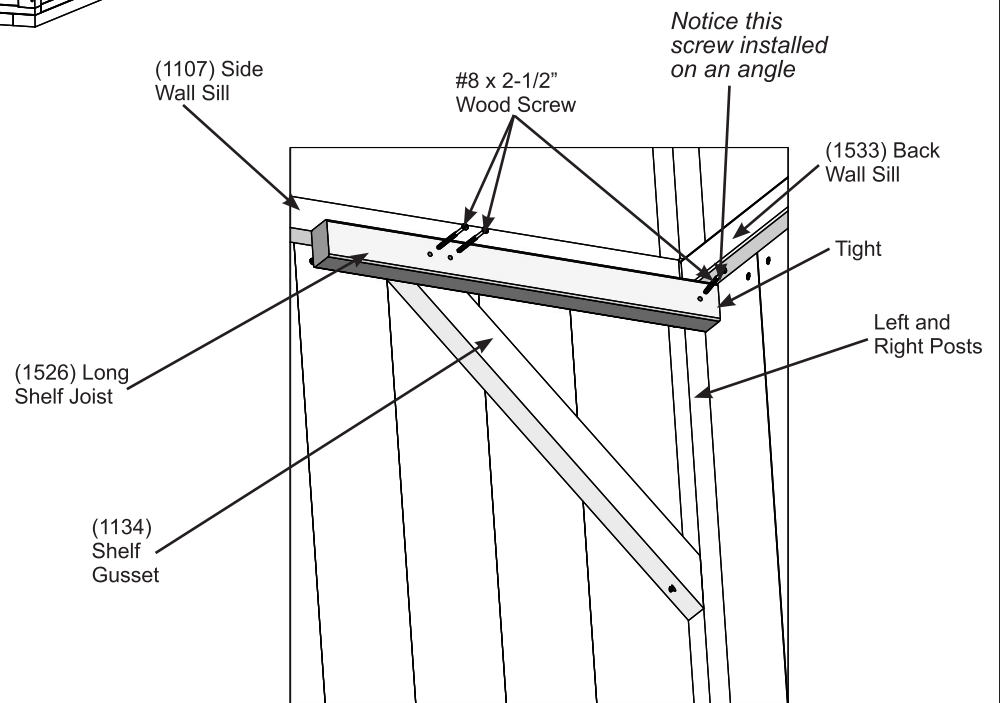
**B:** On each side of the Back Wall, tight to bottom of (1533) Back Wall Sill and flush to bottom of (1107) Side Wall Sills place one (1526) Long Shelf Joist and attach to (1134) Shelf Gusset and posts with three #8 x 2-1/2" Wood Screws per joist. The screw going into the post is installed at an angle. (F20.3 and F20.4)

**F20.3**

**Back Wall**



**F20.4**



### Wood Parts

2 x (1526) Long Shelf Joist

### Hardware

6 x #8 x 2-1/2" Wood Screw

## Step 20: Lower Shelf Assembly - Back Wall Part 3

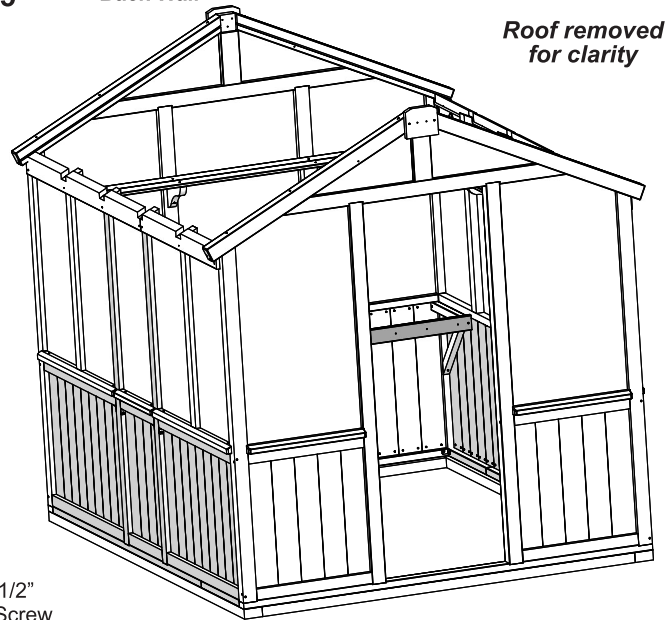


**C:** Place one (1527) Back Shelf Front against each (1526) Long Shelf Joist so it sits  $\frac{5}{8}$ " (1.59 cm) above the joists. Notice the four holes are on the same side as where the Side Wall Shelf will go. Attach (1527) Back Shelf Front to (1526) Long Shelf Joists with two #8 x 2-1/2" Wood Screws. (F20.5, F20.6, F20.7 and F20.8)

**F20.5**

**Back Wall**

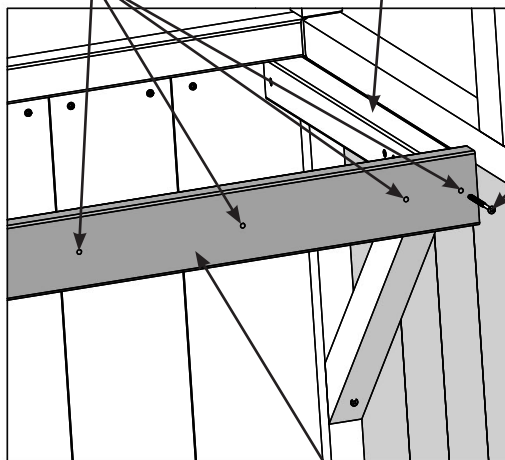
*Roof removed for clarity*



**F20.6**

*Notice 4 holes on same side as Side Wall Shelf*

(1526) Long Shelf Joist



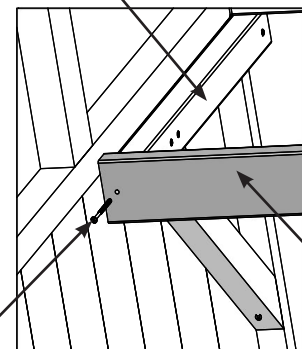
#8 x 2-1/2" Wood Screw

**Side Shelf Side**

(1527) Shelf Front

**F20.7**

(1526) Long Shelf Joist



#8 x 2-1/2" Wood Screw

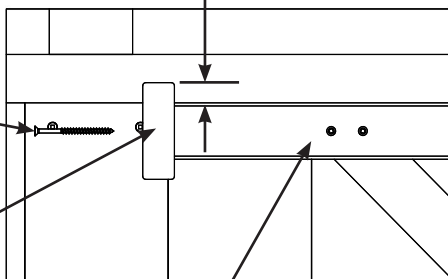
(1527) Back Shelf Front

**F20.8**

$\frac{5}{8}$ " (1.59 cm)

#8 x 2-1/2" Wood Screw

(1527) Back Shelf Front



(1526) Long Shelf Joist

### Wood Parts

1 x (1527) Back Shelf Front

### Hardware

2 x #8 x 2-1/2" Wood Screw

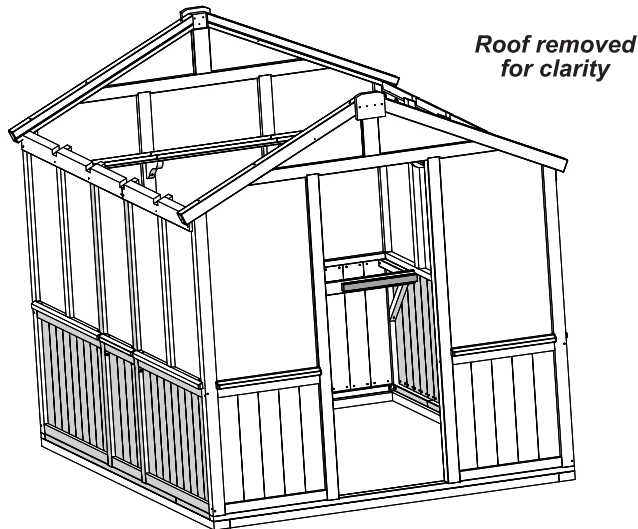


## Step 20: Lower Shelf Assembly - Back Wall Part 4

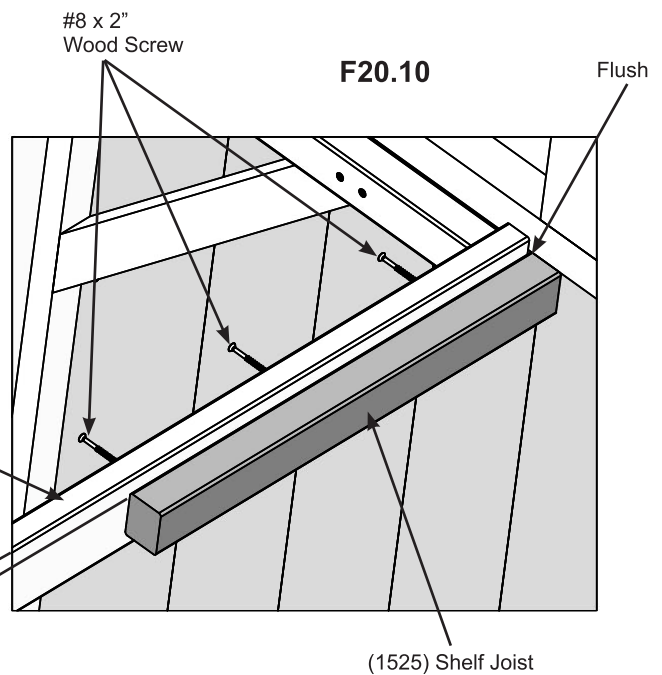


**D:** From top of (1527) Back Shelf Front measure 5/8" (1.59 cm) down then on the front and right side place one (1525) Shelf Joist flush to the end. Attach (1527) Back Shelf Front to (1525) Shelf Joist with three #8 x 2" Wood Screws. (F20.9, F20.10 and F20.11)

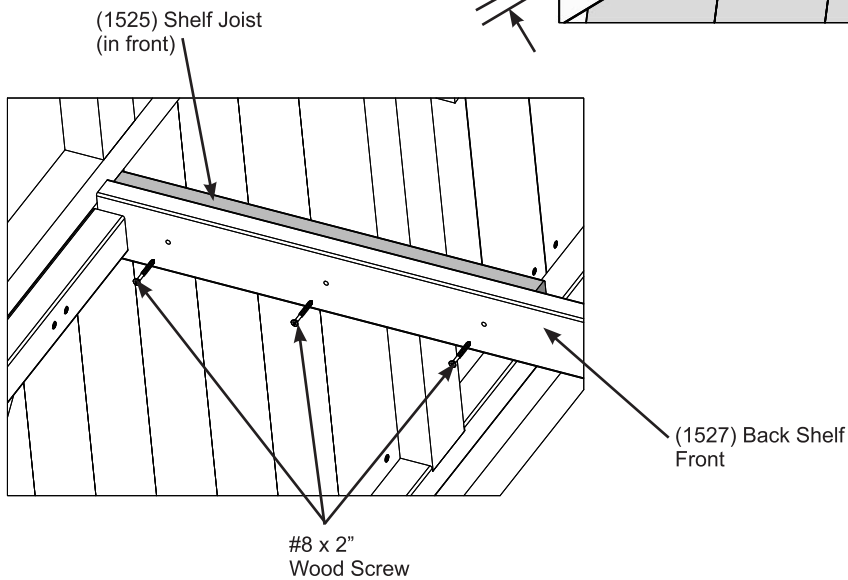
**F20.9**



**F20.10**



**F20.11**  
Inside View



### Wood Parts

1 x (1525) Shelf Joist

### Hardware

3 x #8 x 2" Wood Screw

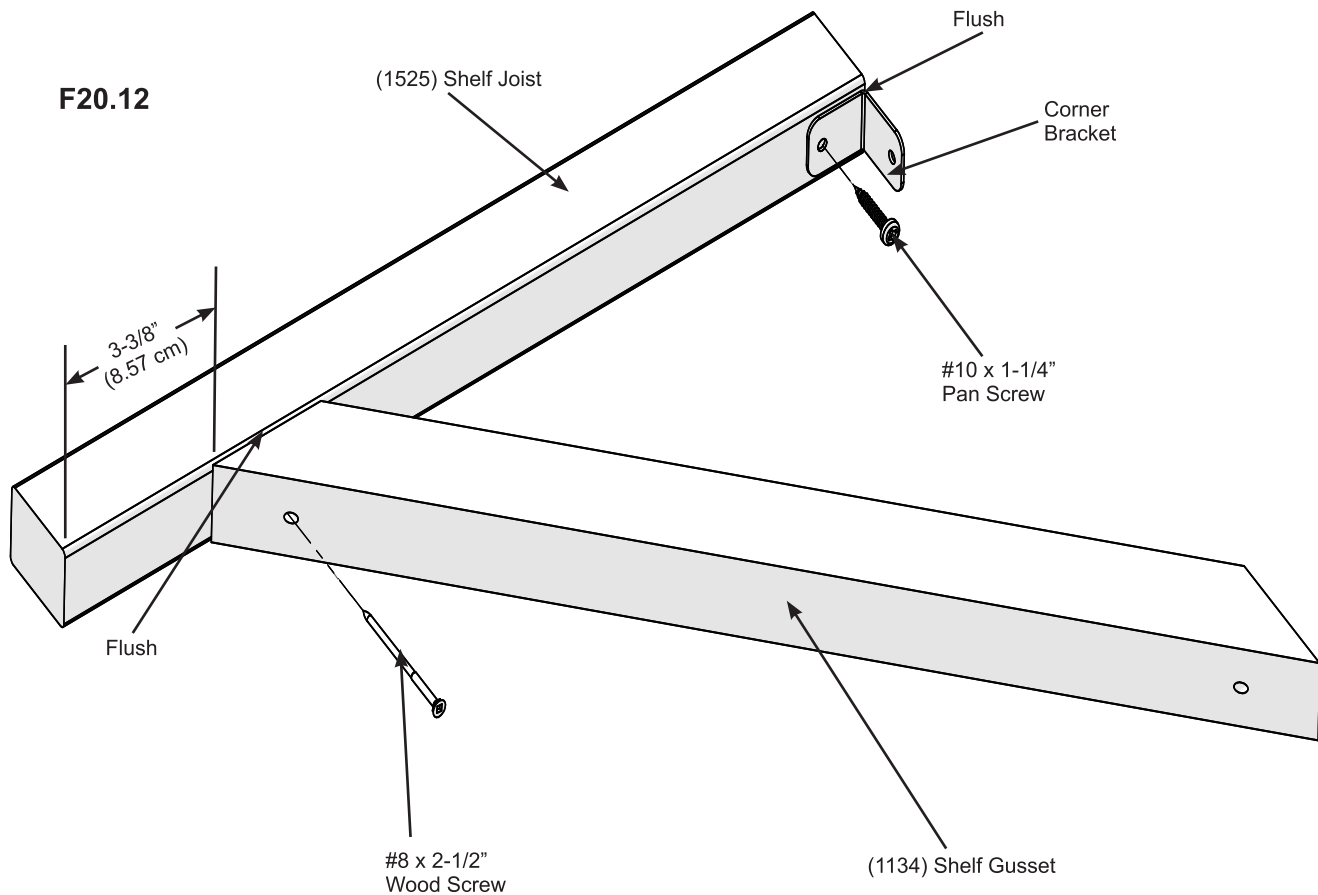
## Step 20: Lower Shelf Assembly - Back Wall Part 5



**E:** Flush to one side of one (1525) Shelf Joist attach one Corner Bracket with one #10 x 1-1/4" Pan Screw. (F20.12)

**F:** Measure 3-3/8" (8.57 cm) from the other side of (1525) Shelf Joist and attach one (1134) Shelf Gusset with one #8 x 2-1/2" Wood Screw. (F20.12)

**G:** Repeat Steps E and F for a second Joist-Gusset Assembly. (F20.12)



### Wood Parts

2 x (1525) Shelf Joist  
2 x (1134) Shelf Gusset

### Components

2 x Corner Bracket

### Hardware

2 x #10 x 1-1/4" Pan Screw  
2 x #8 x 2-1/2" Wood Screw

## Step 20: Lower Shelf Assembly - Back Wall Part 6

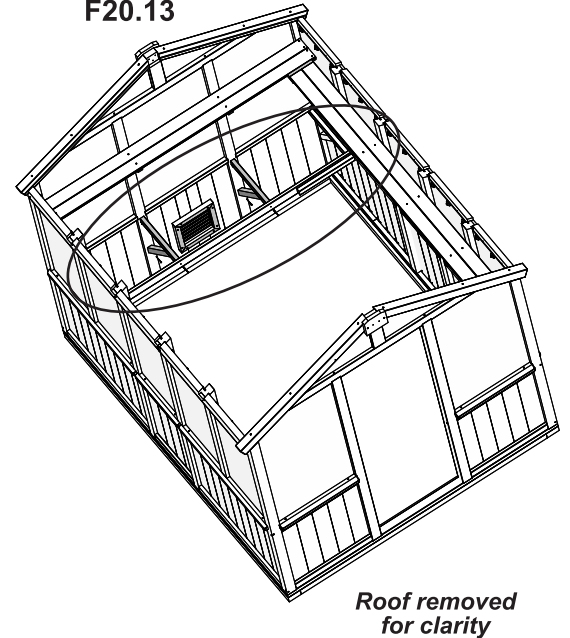


**H:** Tight to each (1113) Back Post place one Joist-Gusset Assembly so (1525) Shelf Joist is level with the bottom of (1533) Back Wall Sill then attach Corner Brackets to (1113) Back Posts with one #10 x 1-1/4" Pan Screw per bracket. (F20.13, F20.14 and F20.16)

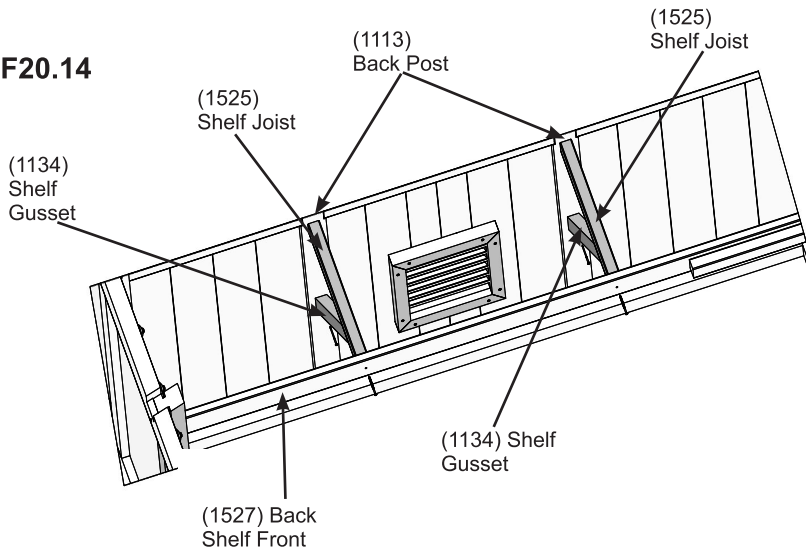
**I:** Attach (1134) Shelf Gussets to (1113) Back Posts with one #8 x 2-1/2" Wood Screw per gusset. (F20.13, F20.14 and F20.15)

**J:** Make sure Joist-Gusset Assembly sits 5/8" (1.59 cm) down from the top of (1527) Back Shelf Front and is centred over the pilot holes. Attach (1527) Back Shelf Front to (1525) Shelf Joists with one #8 x 2-1/2" Wood Screw per joist. (F20.13, F20.14 and F20.15)

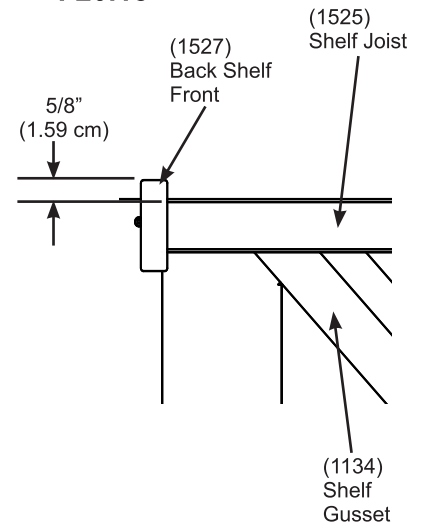
**F20.13**



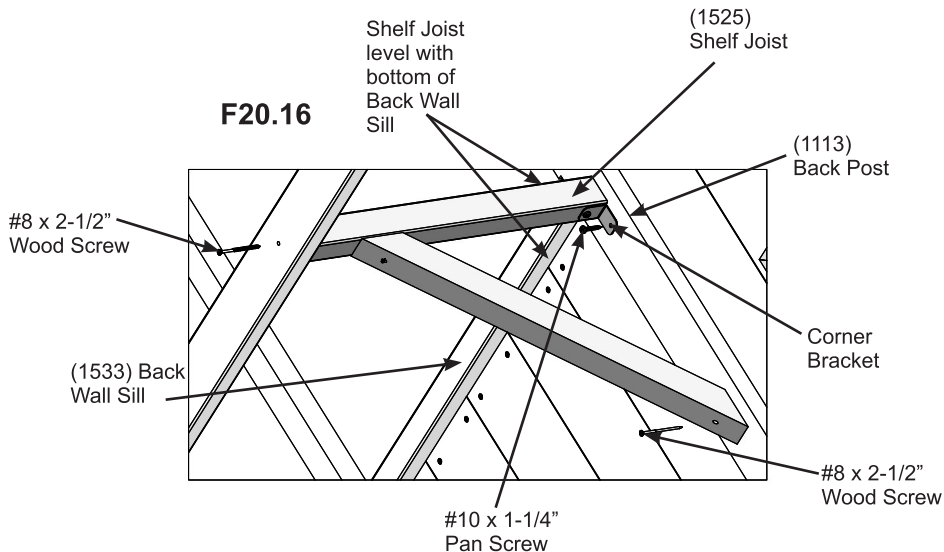
**F20.14**



**F20.15**



**F20.16**



### Hardware

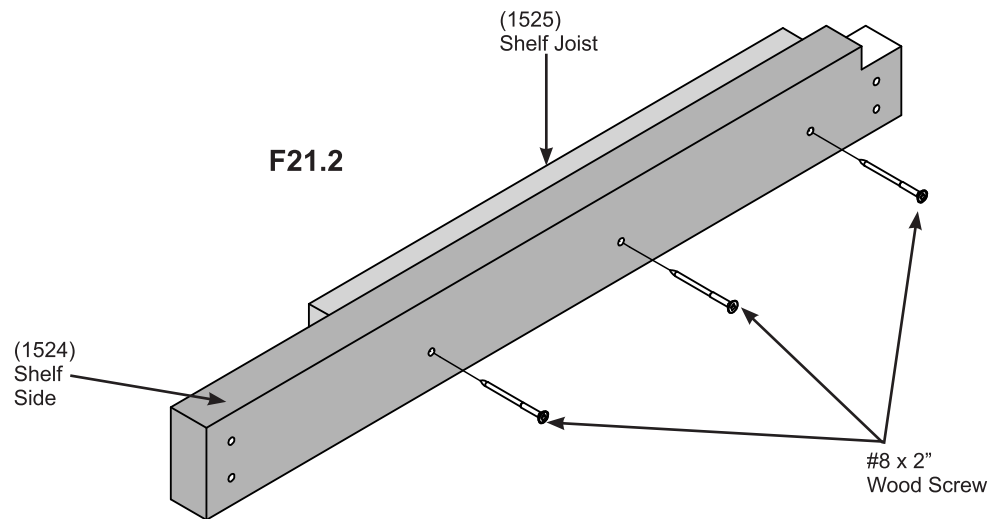
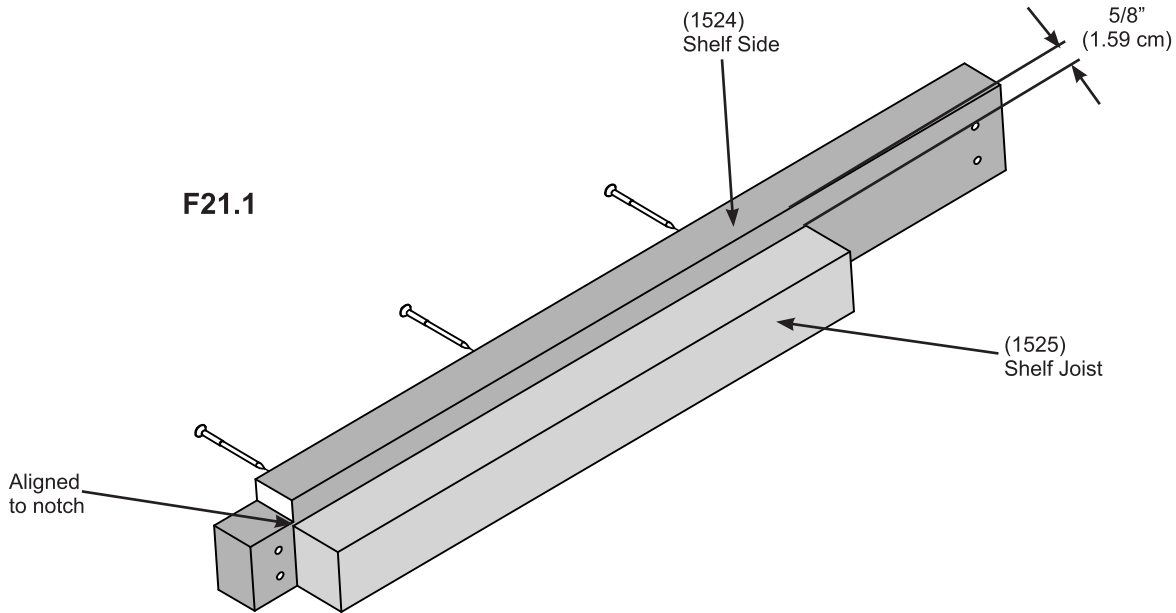
2 x #10 x 1-1/4" Pan Screw

4 x #8 x 2-1/2" Wood Screw

## Step 21: Lower Shelf Assembly - Side Wall Part 1



**A:** Place one (1525) Shelf Joist so it is in alignment with the notch in (1524) Shelf Side. The distance from the top of (1525) Shelf Joist to the top of (1524) Shelf Side is 5/8" (1.59 cm). Attach (1524) Shelf Side to (1525) Shelf Joist with three #8 x 2" Wood Screws. (F21.1 and F21.2)



### Wood Parts

- 1 x (1524) Shelf Side
- 1 x (1525) Shelf Joist

### Hardware

- 3 x #8 x 2" Wood Screw

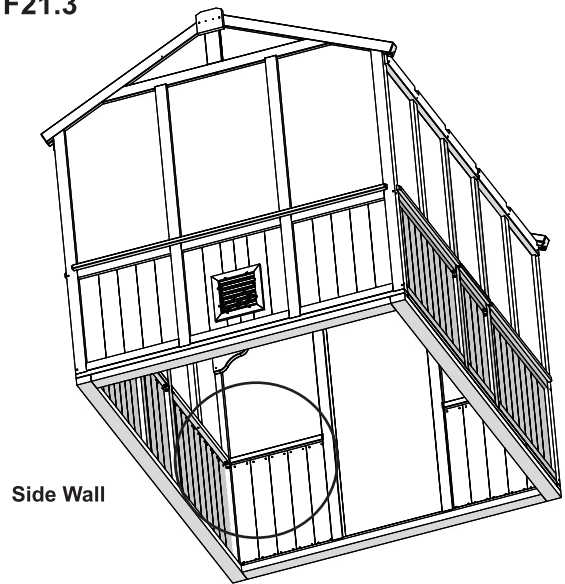
# Step 21: Lower Shelf Assembly - Side Wall Part 2



**B:** On the Front Wall, on the same side as the Lower Shelf will be installed, remove the Corner Bracket which connects the Front and Side Walls. (F21.3 and F21.4)

**C:** Place Side Shelf Assembly against the Front Wall so the notch side sits tight to the Side Wall and (1107) Side Wall Sill and to the Right or Left Post and Door Post. (1525) Shelf Joist faces away from the Front Wall. Make sure (1524) Shelf Side is level then attach to Front Wall with four #8 x 2-1/2" Wood Screws. (F21.3 and F21.5)

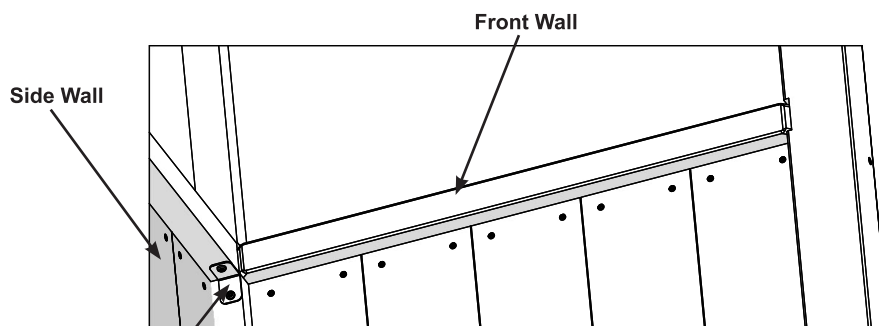
**F21.3**



Side Wall

Front Wall

**F21.4**

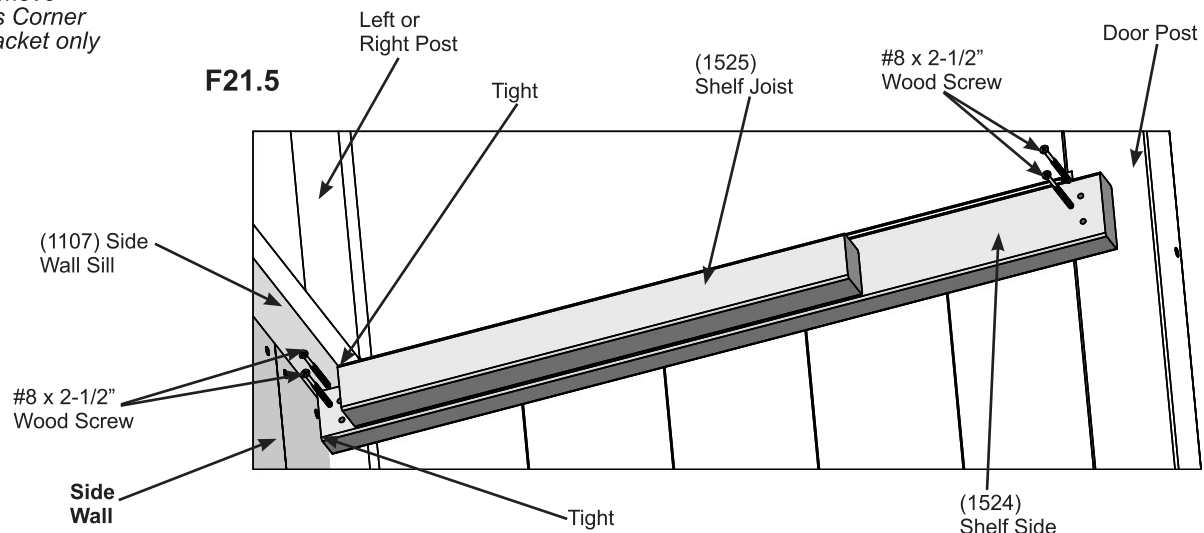


Side Wall

Front Wall

Remove  
this Corner  
Bracket only

**F21.5**



Left or  
Right Post

Tight

(1525)  
Shelf Joist

#8 x 2-1/2"  
Wood Screw

Door Post

(1107) Side  
Wall Sill

#8 x 2-1/2"  
Wood Screw

Side  
Wall

Tight

(1524)  
Shelf Side

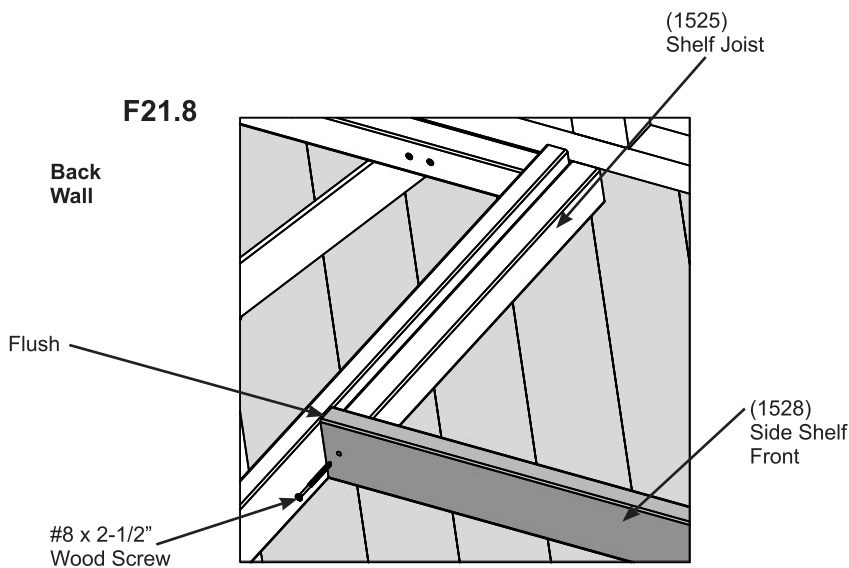
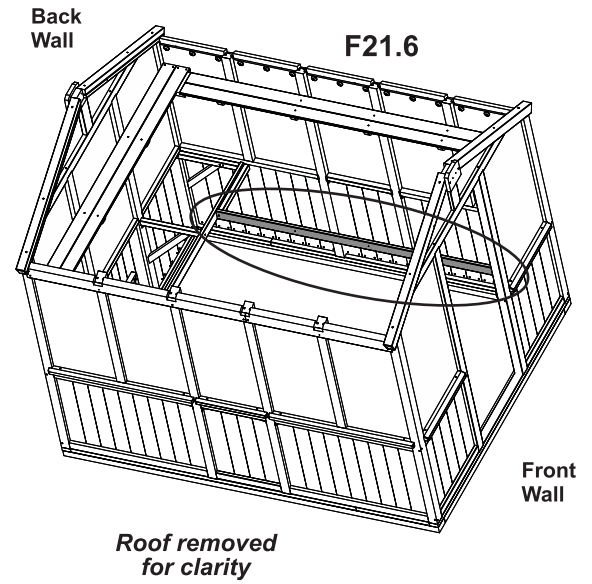
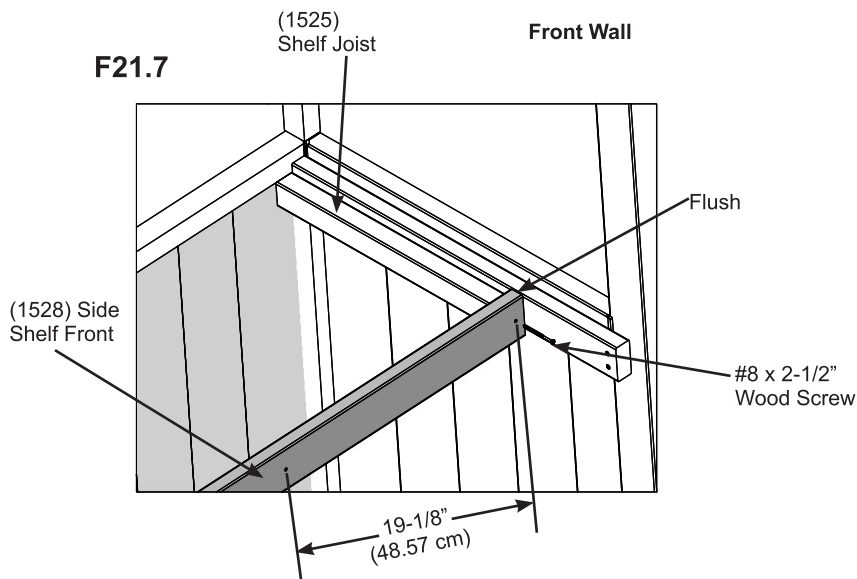
## Hardware

4 x #8 x 2-1/2" Wood Screw

## Step 21: Lower Shelf Assembly - Side Wall Part 3



**D:** Place one (1528) Side Shelf Front against each (1525) Shelf Joist so it sits 5/8" (1.59 cm) above the joists. Notice distance between holes 19-1/8" (48.57 cm) are towards the Front Wall. Attach (1528) Side Shelf Front to (1525) Shelf Joists with two #8 x 2-1/2" Wood Screws. (F21.6, F21.7, F21.8 and F21.9)



### Wood Parts

1 x (1528) Side Shelf Front

### Hardware

2 x #8 x 2-1/2" Wood Screw

## Step 21: Lower Shelf Assembly - Side Wall Part 4

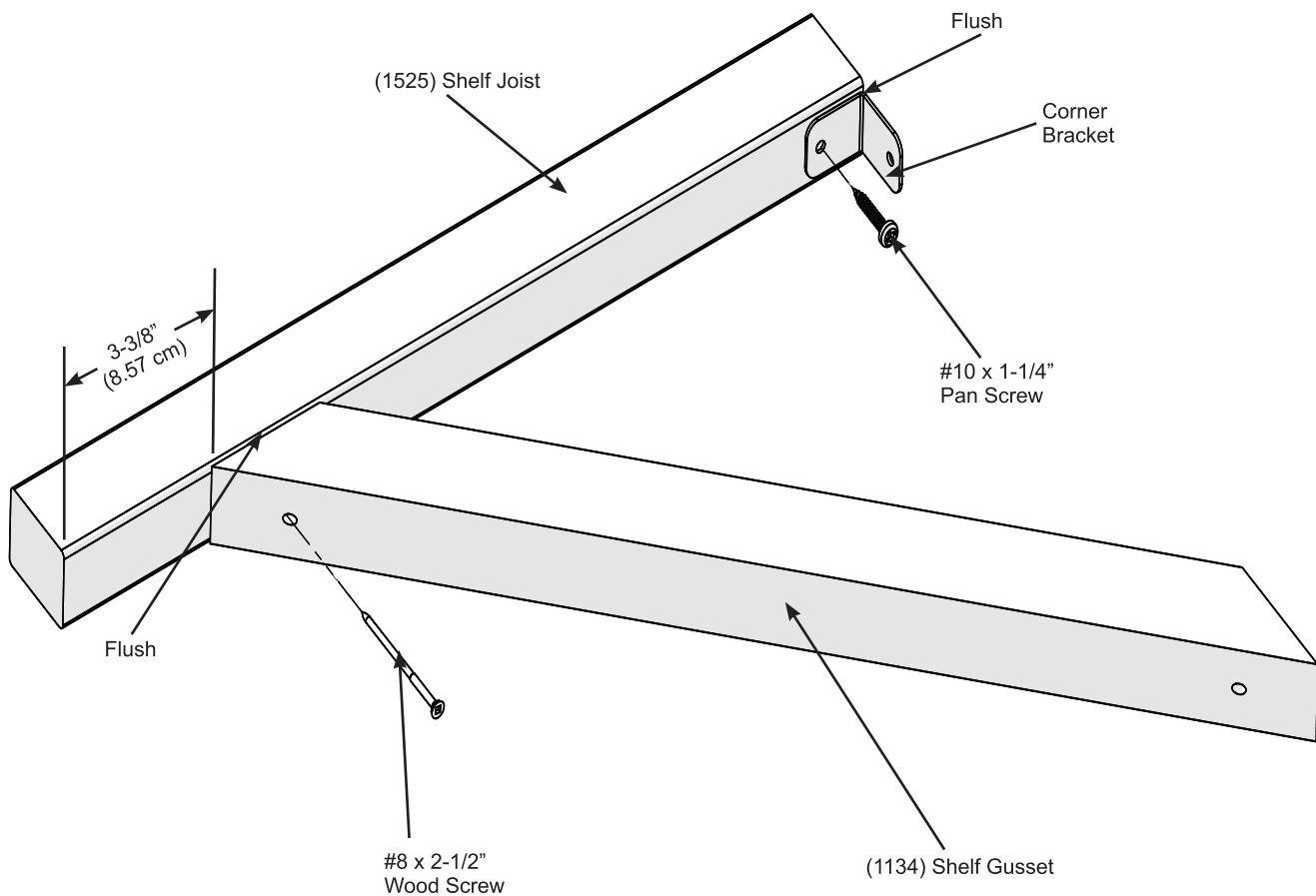


**E:** Flush to one side of one (1525) Shelf Joist attach one Corner Bracket with one #10 x 1-1/4" Pan Screw. (F21.9)

**F:** Measure 3-3/8" (8.57 cm) from the other side of (1525) Shelf Joist attach one (1134) Shelf Gusset with one #8 x 2-1/2" Wood Screw. (F21.9)

**G:** Repeat Steps E-F for second assembly.

**F21.9**



### Wood Parts

2 x (1525) Shelf Joist  
2 x (1134) Shelf Gusset

### Components

2 x Corner Bracket

### Hardware

2 x #10 x 1-1/4" Pan Screw  
2 x #8 x 2-1/2" Wood Screw



## Step 21: Lower Shelf Assembly - Side Wall Part 5

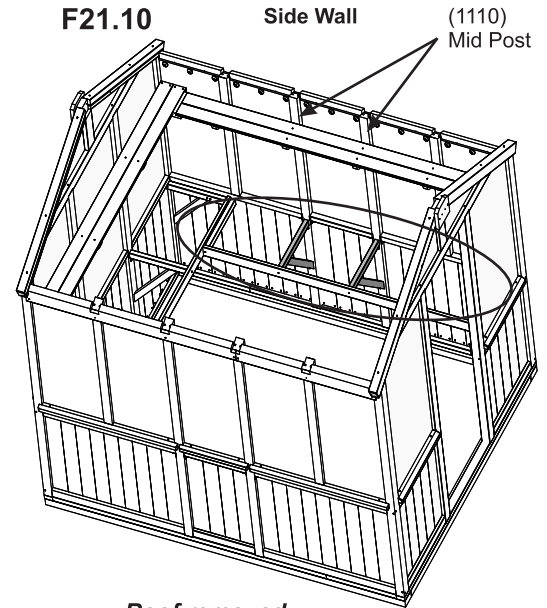


**H:** Tight to both (1110) Mid Posts place Joist-Gusset Assemblies so (1525) Shelf Joist is level with the bottom of (1107) Side Wall Sill then attach Corner Bracket to (1110) Mid Posts with one #10 x 1-1/4" Pan Screw per post. (F21.10, F21.11 and F21.12)

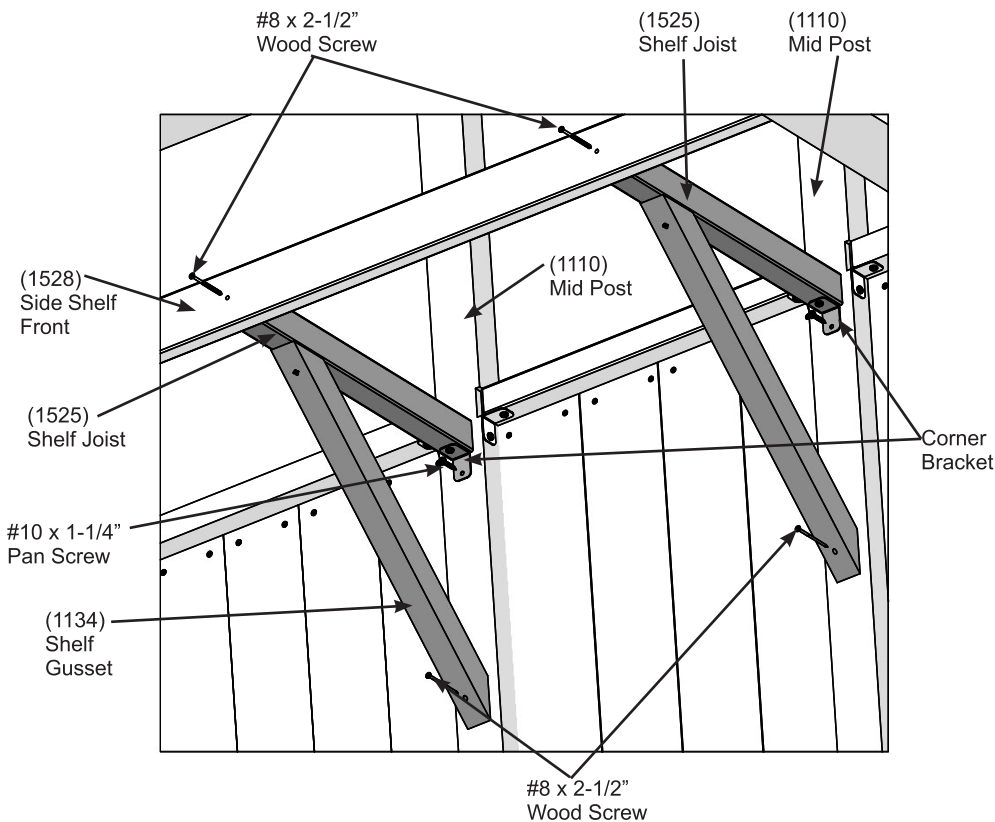
**I:** Attach (1134) Shelf Gusset to (1110) Mid Posts with one #8 x 2-1/2" Wood Screw per post. (F21.10, F21.11 and F21.12)

**J:** Make sure Joist-Gusset Assembly sits 5/8" (1.59 cm) down from the top of (1528) Side Shelf Front and is centred over the pilot holes. Attach (1528) Side Shelf Front to (1525) Shelf Joist with one #8 x 2-1/2" Wood Screw per joist. (F21.10, F21.11 and F21.12)

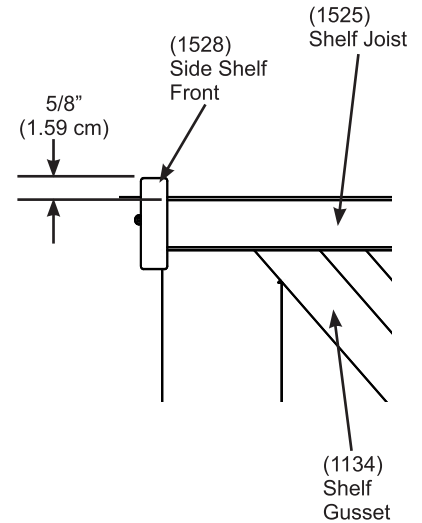
**F21.10**



**F21.11**



**F21.12**



### Hardware

2 x #10 x 1-1/4" Pan Screw

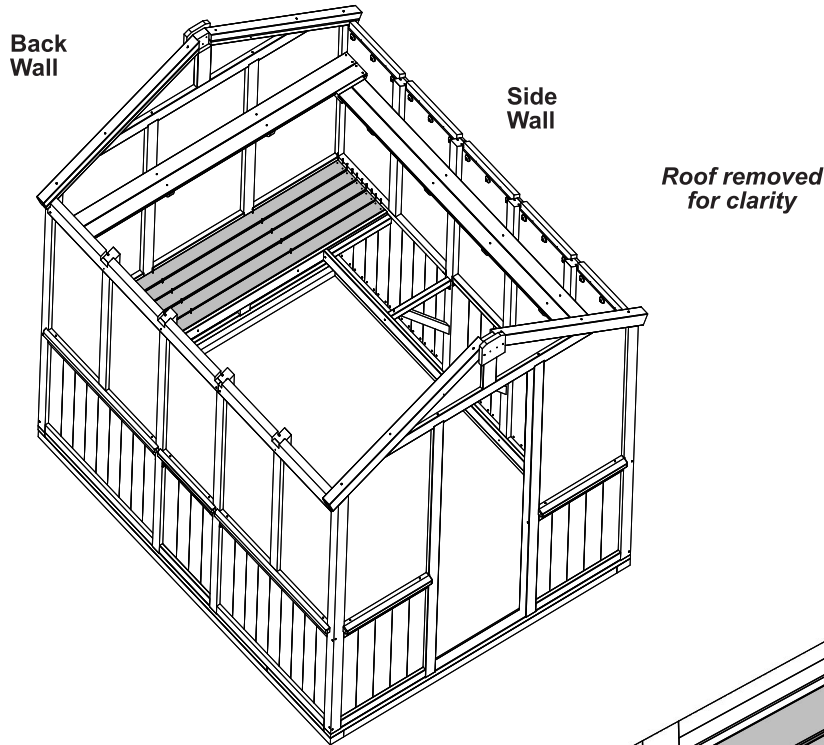
4 x #8 x 2-1/2" Wood Screw



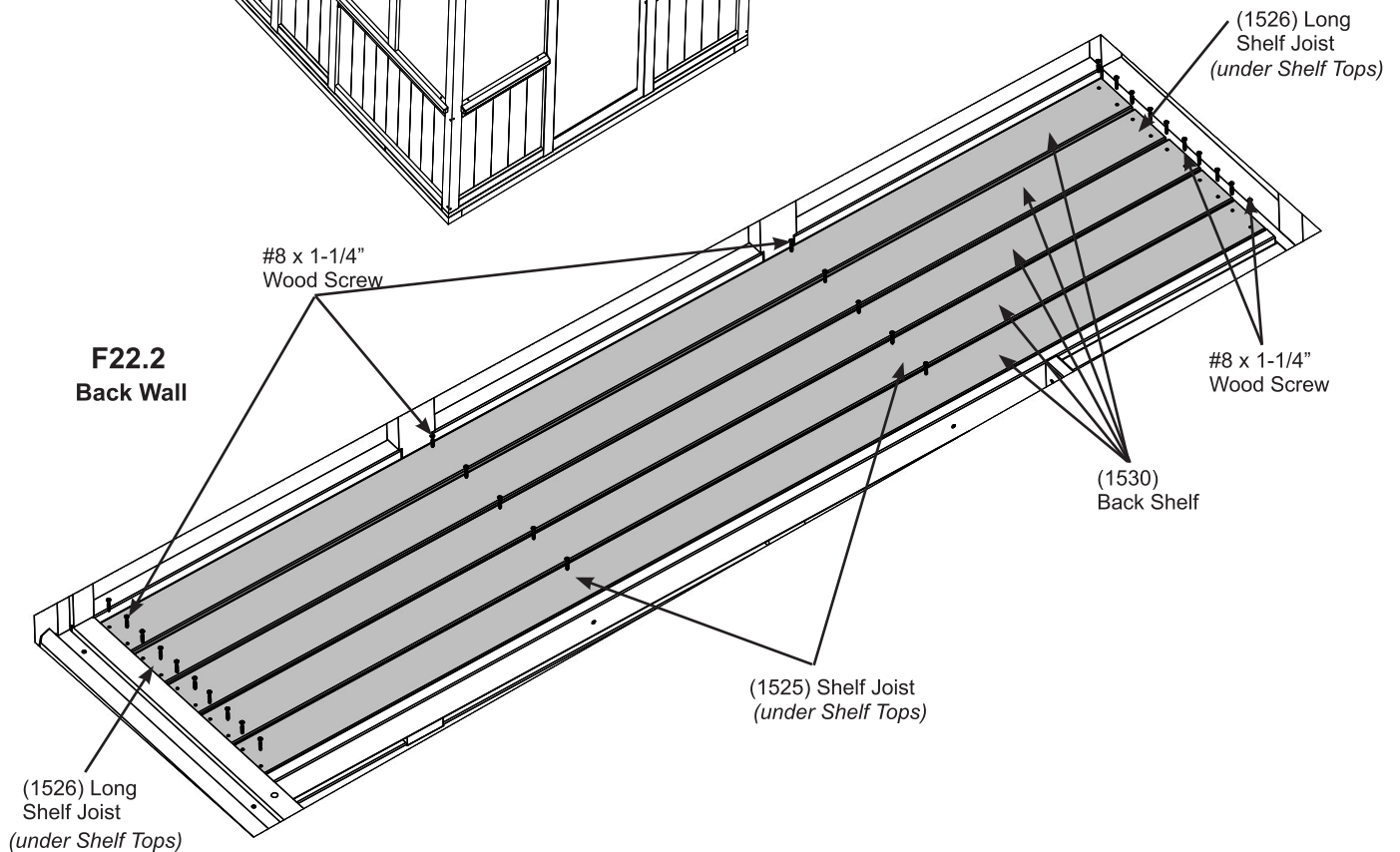
## Step 22: Attach Shelf Tops Part 1

**A:** Tight to the Back Wall place five (1530) Back Shelf on (1526) Long Shelf Joists and (1525) Shelf Joists so they are evenly spaced. Attach (1530) Back Shelf to (1526) Long Shelf Joists with four #8 x 1-1/4" Wood Screws per board. Find the centre of each (1525) Shelf Joist then attach (1530) Back Shelf to (1525) Shelf Joists with two #8 x 1-1/4" Wood Screws per board. (F22.1 and F22.2)

**F22.1**



**F22.2**  
**Back Wall**



### Wood Parts

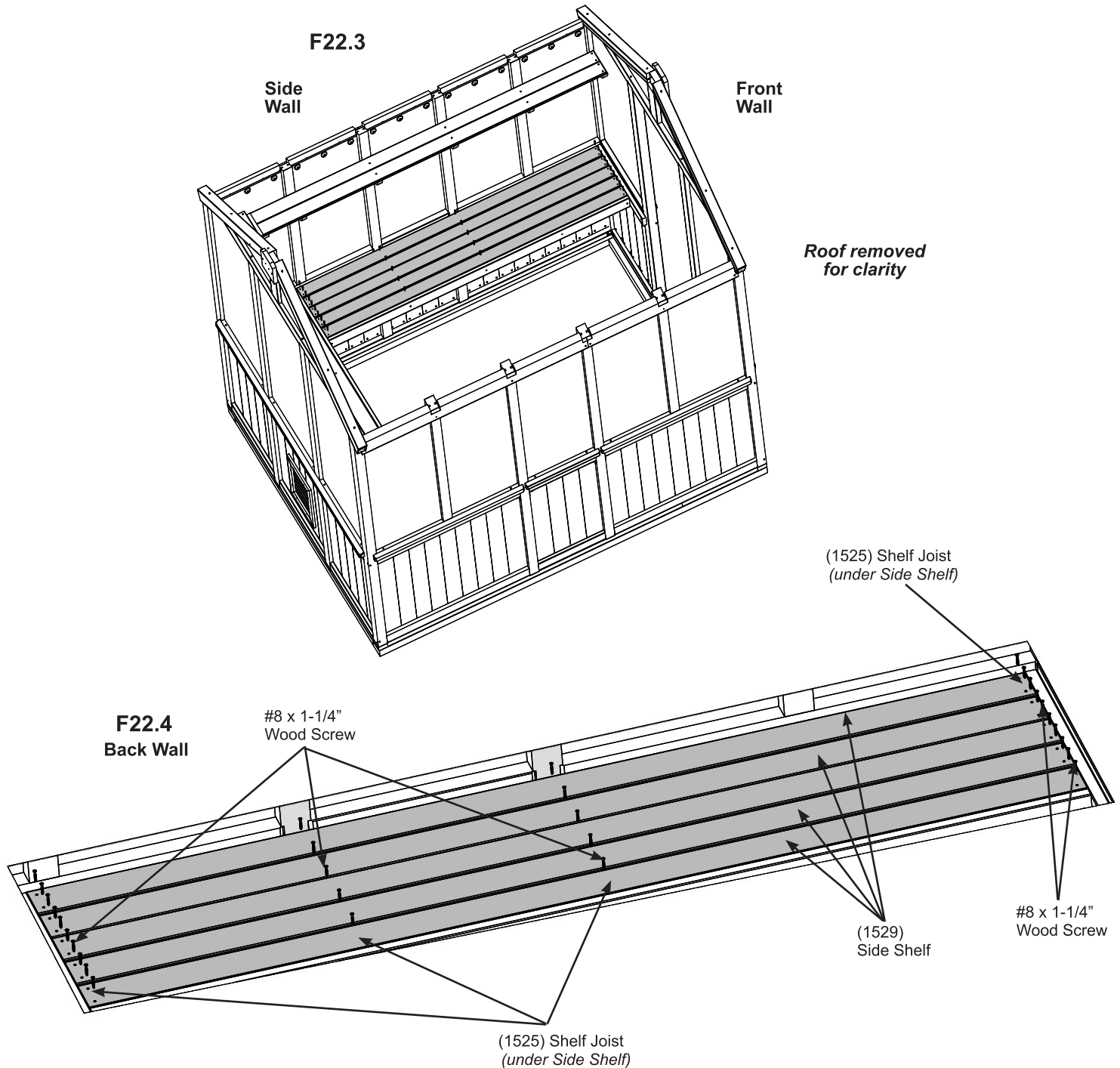
5 x (1530) Back Shelf

### Hardware

30 x #8 x 1-1/4" Wood Screw

## Step 22: Attach Shelf Tops Part 2

**B:** Tight to the Side Wall place five (1529) Side Shelves on (1525) Shelf Joists. Attach (1529) Side Shelves to end joists with four #8 x 1-1/4" Wood Screws per shelf. Find the centre of (1525) Shelf Joists then attach (1529) Side Shelves to (1525) Shelf Joists with two #8 x 1-1/4" Wood Screws per board. (F22.3 and F22.4)



### Wood Parts

5 x (1529) Side Shelf

### Hardware

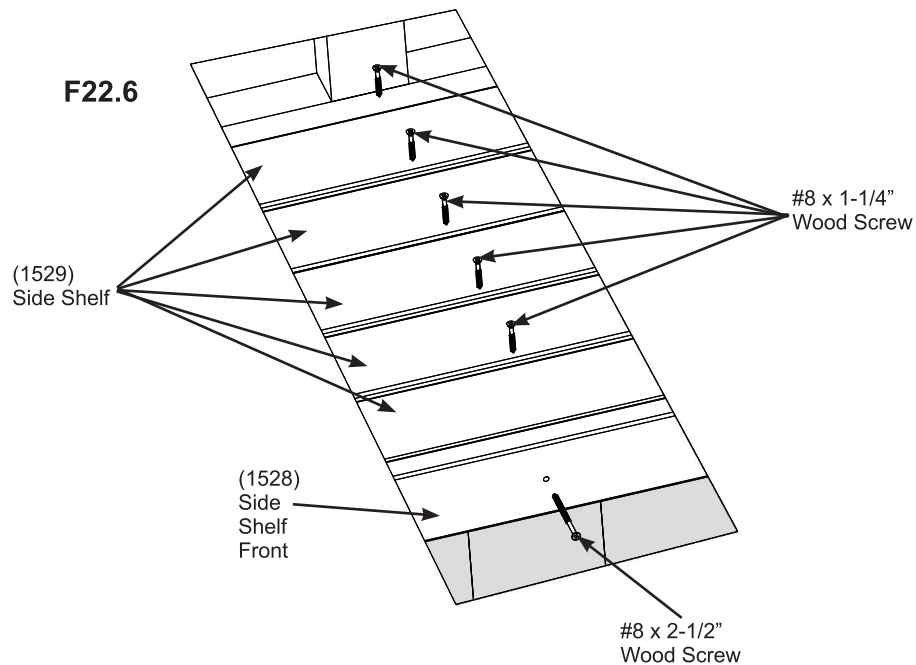
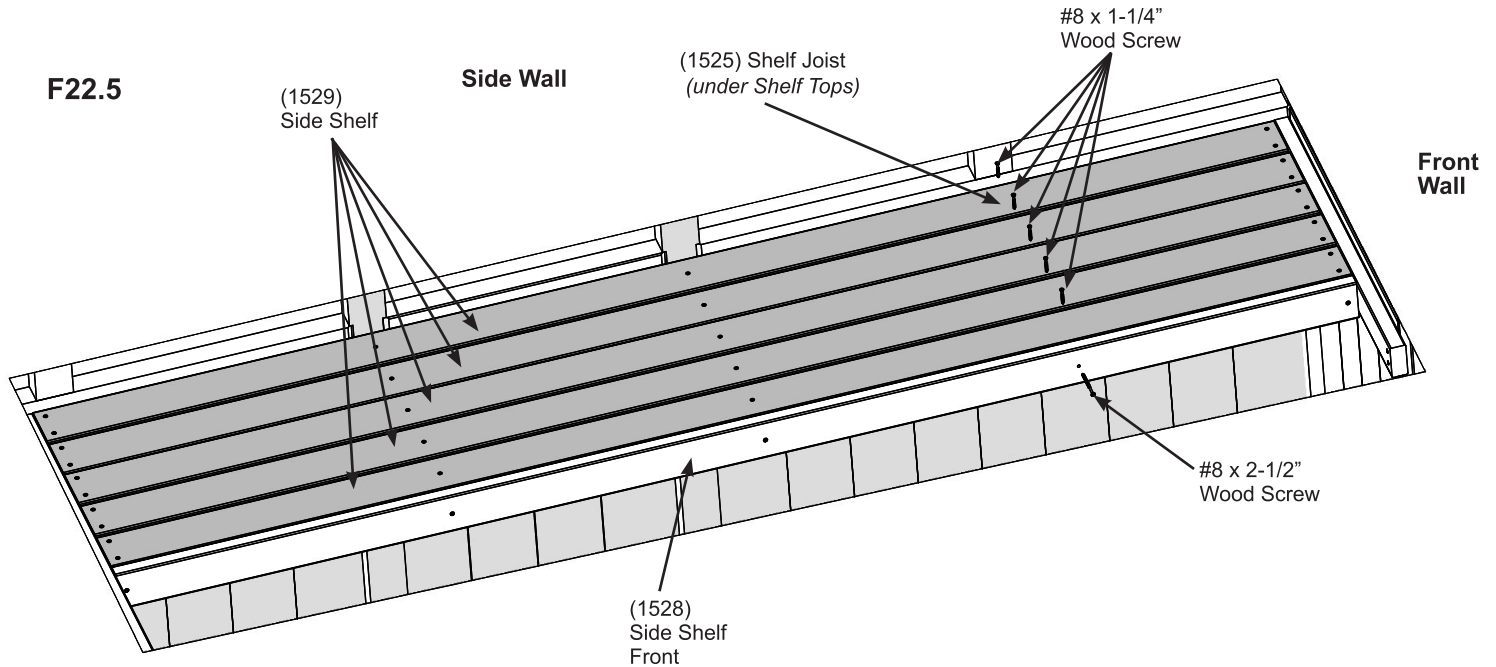
30 x #8 x 1-1/4" Wood Screw

## Step 22: Attach Shelf Tops Part 3



**C:** Under (1529) Side Shelves on Side Wall side place one (1525) Shelf Joist centred over pilot hole closest to the Front Wall in (1528) Side Shelf Front then attach with one #8 x 2-1/2" Wood Screw. (F22.5 and F22.6)

**D:** Find the centre of (1525) Shelf Joist then attach (1529) Side Shelves to (1525) Shelf Joist with one #8 x 1-1/4" Wood Screw per board. (F22.5 and F22.6)



### Wood Parts

1 x (1525) Shelf Joist

### Hardware

5 x #8 x 1-1/4" Wood Screw

1 x #8 x 2-1/2" Wood Screw

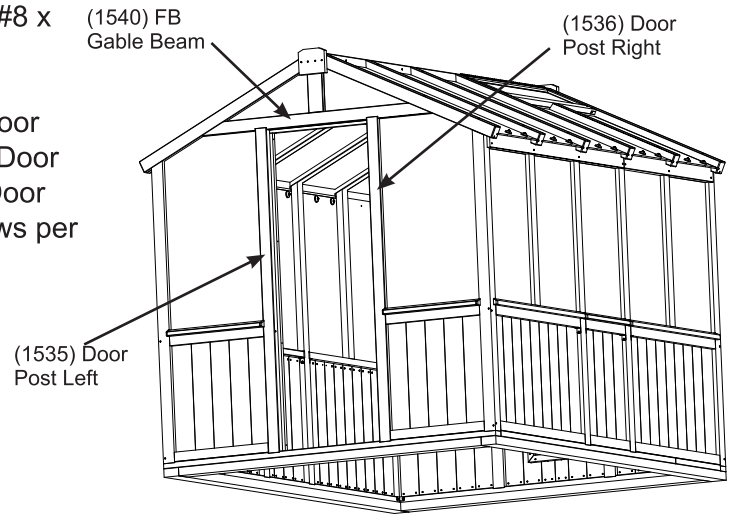
# Step 23: Door Assembly Part 1



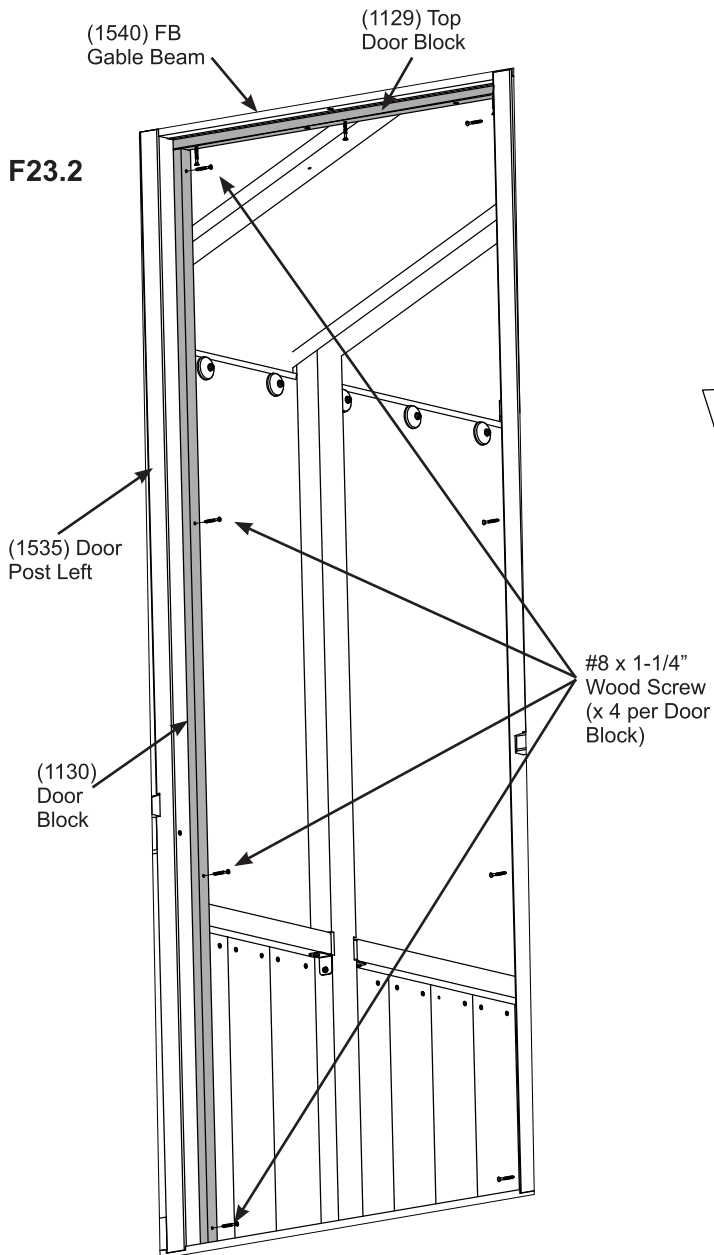
**A:** Tight to bottom of (1540) FB Gable Beam, flush to the inside edge, attach (1129) Top Door Block with three #8 x 1-1/4" Wood Screws. (F23.1, F23.2 and F23.3)

**B:** Tight to (1129) Top Door Block place one (1130) Door Block against both (1535) Door Post Left and (1536) Door Post Right, flush to the inside edges. Attach (1130) Door Blocks to each post with four #8 x 1-1/4" Wood Screws per board. (F23.1, F23.2 and F23.3)

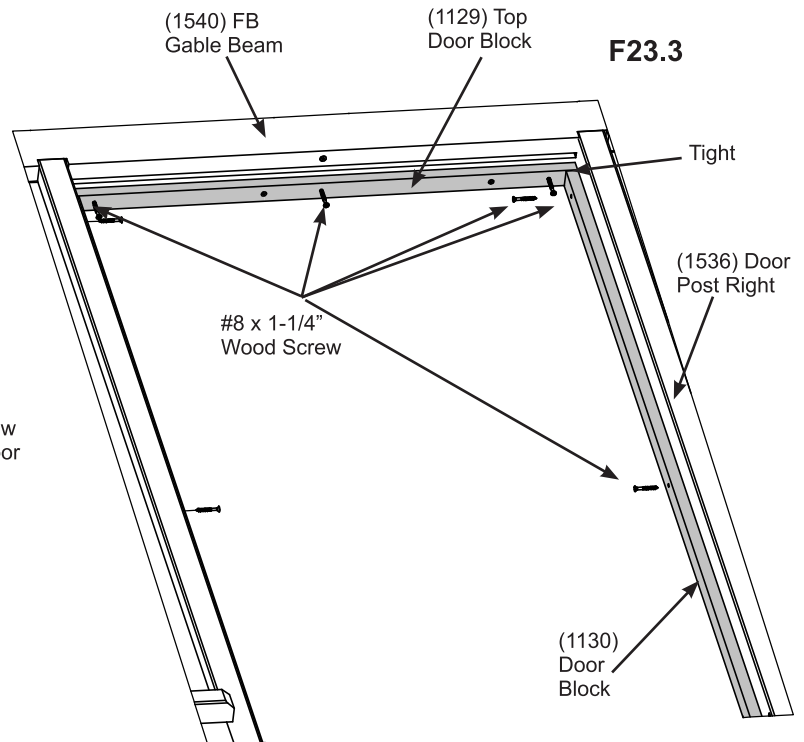
**F23.1**



**F23.2**



**F23.3**



## Wood Parts

- 1 x (1129) Top Door Block
- 2 x (1130) Door Block

## Hardware

- 11 x #8 x 1-1/4" Wood Screw

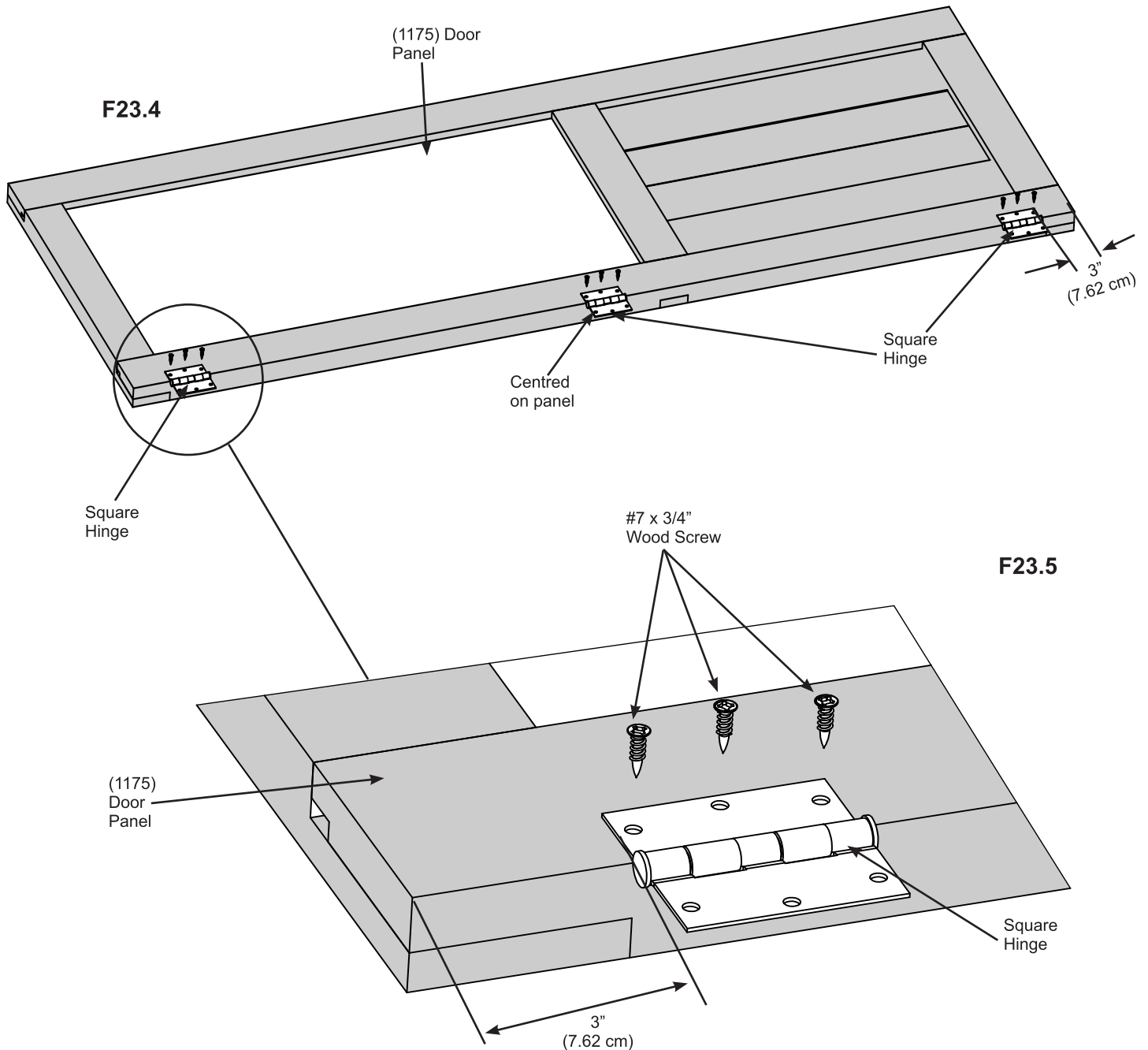
## Step 23: Door Assembly Part 2



**Note:** Door can be hung from either the right or left side. Instructions show from the left side. To hang from the right side Hinges and Sliding Barrel Bolt to be attached on the opposite side.

**C:** On the outside of the (1175) Door Panel measure 3" (7.62 cm) from the top and 3" (7.62 cm) from the bottom of the panel then attach two Square Hinges using three #7 x 3/4" Wood Screws per hinge. (F23.4 and F23.5)

**D:** On the same side as the top and bottom Square Hinges attach a third hinge centred on the panel using three #7 x 3/4" Wood Screws. (F23.4 and F23.5)



### Wood Parts

1 x (1175) Door Panel

### Components

3 x Square Hinges

### Hardware

9 x #7 x 3/4" Wood Screw

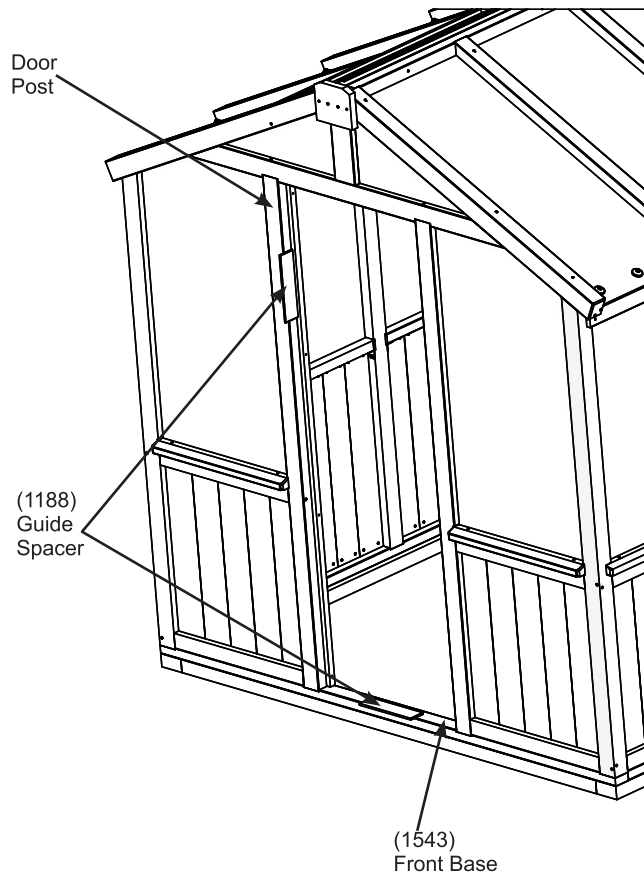
## Step 23: Door Assembly Part 3



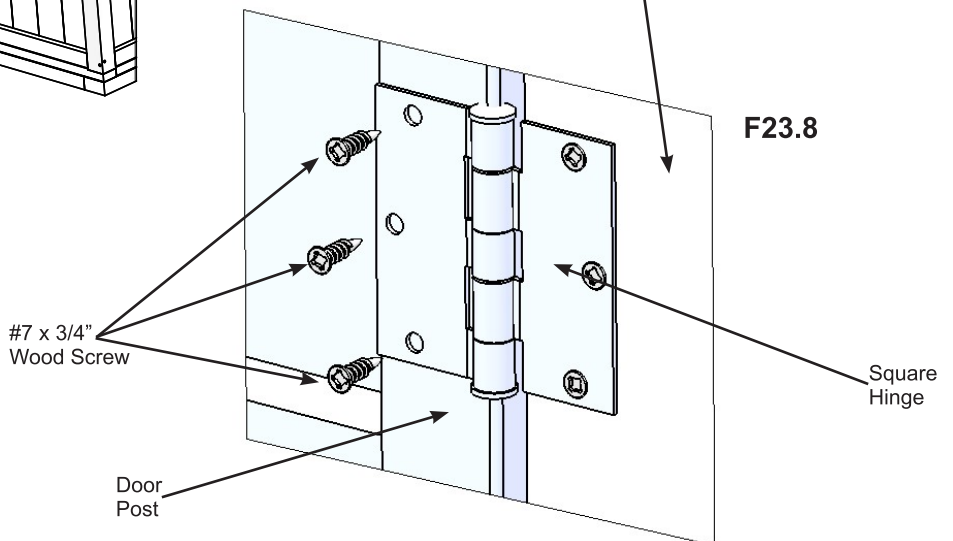
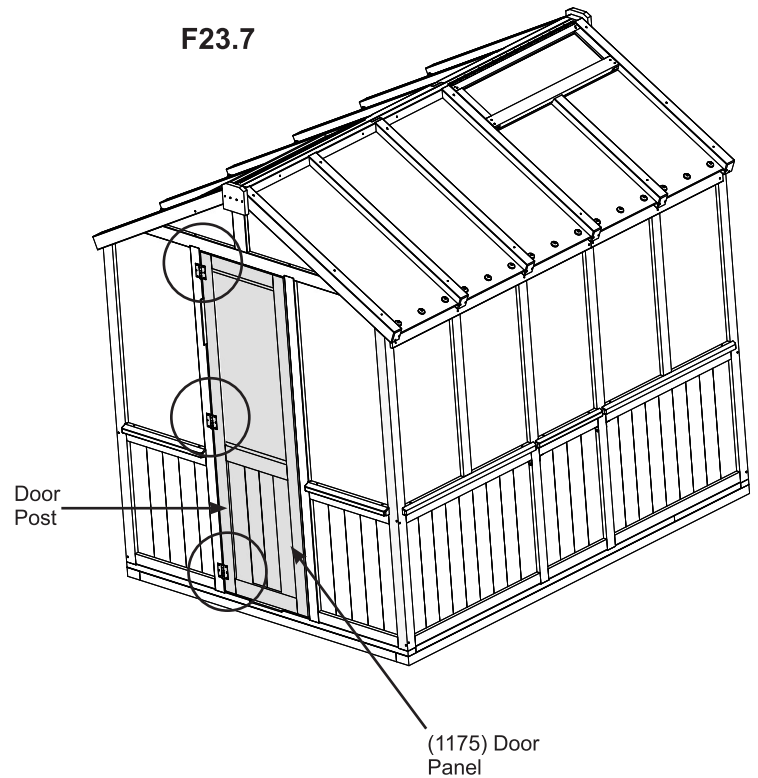
**E:** Place (1188) Guide Spacers flat on Door Post and (1543) Front Base to set the space in the door opening for the (1175) Door Panel placement. (F23.6)

**F:** Place (1175) Door Panel in door opening and attach Square Hinges to Door Post with three #7 x 3/4" Wood Screws per hinge. Remove (1188) Guide Spacers. (F23.7 and F23.8)

**F23.6**



**F23.7**



### Hardware

9 x #7 x 3/4" Wood Screw



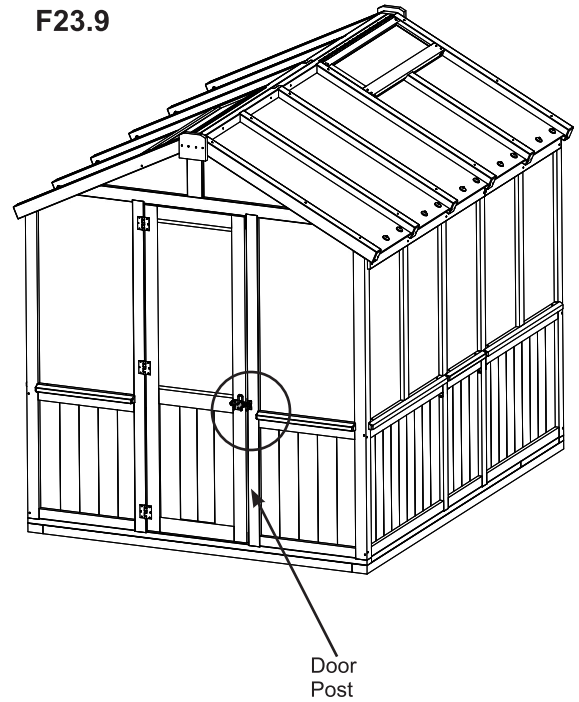
## Step 23: Door Assembly Part 4



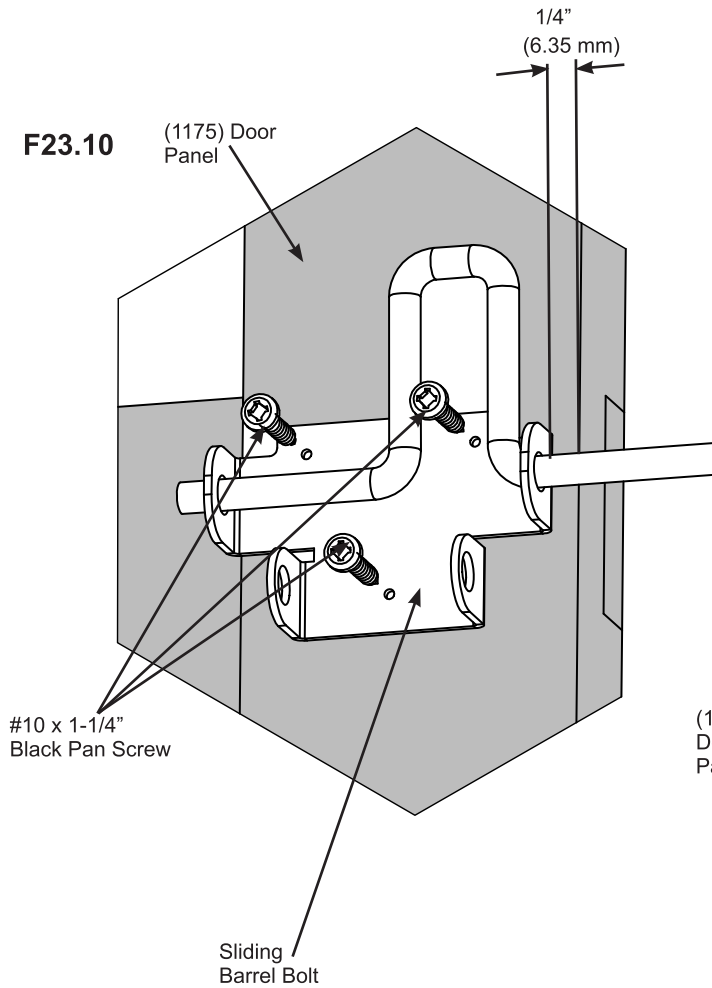
**G:** On the opposite side from the hinges, attach Sliding Barrel Bolt 1/4" (6.35 mm) to edge of (1175) Door Panel using three #10 x 1-1/4" Black Pan Screws, as shown in F23.9 and F23.10.

**H:** Close (1175) Door Panel to determine placement of the Ear of the Sliding Barrel Bolt on the Door Post then attach with two #10 x 1-1/4" Black Pan Screws. (F23.9 and F23.11)

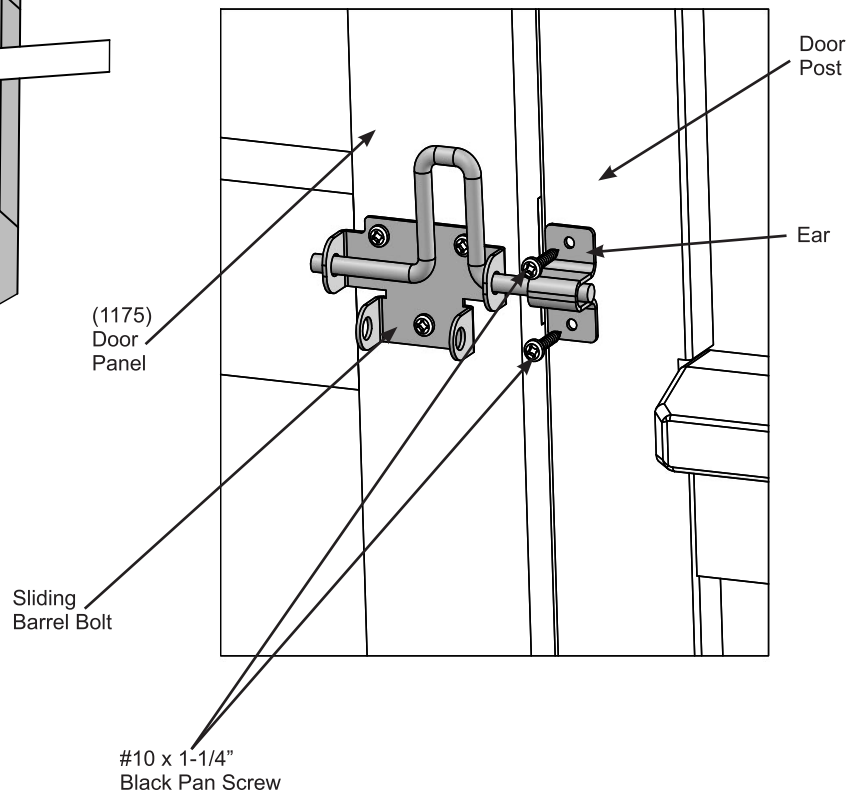
**F23.9**



**F23.10**



**F23.11**



### Components

1 x Sliding Barrel Bolt

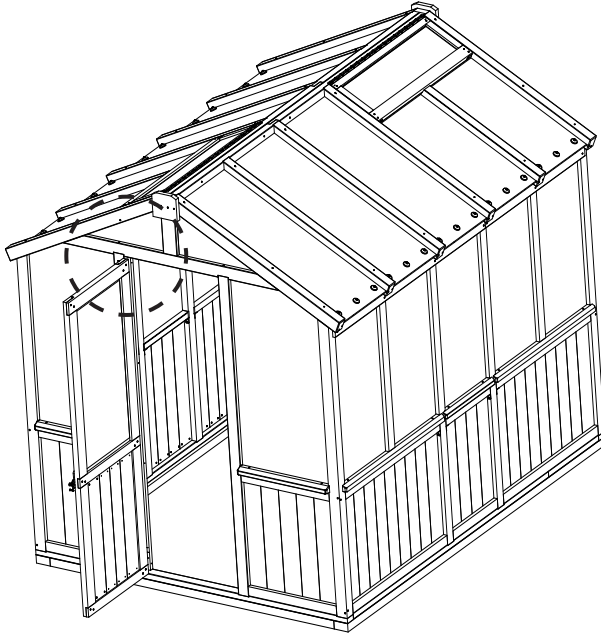
### Hardware

5 x #10 x 1-1/4" Black Pan Screw

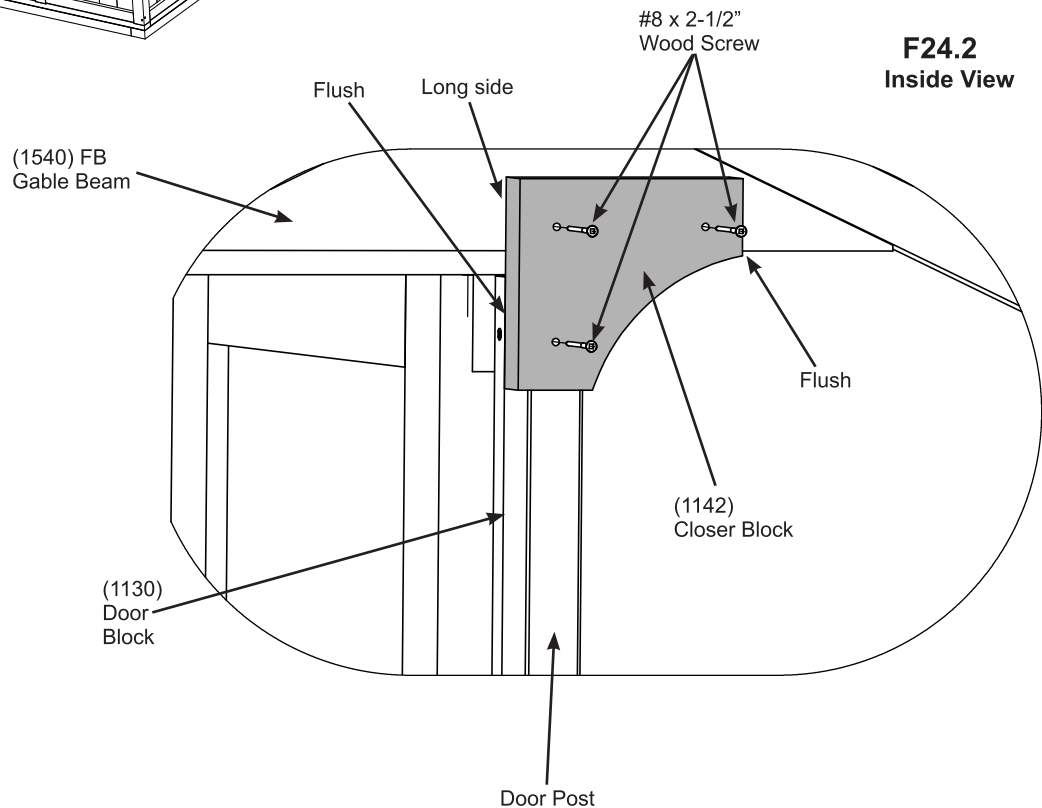
## Step 24: Attach Closer Block

**A:** From inside the greenhouse, on the door side, with the door open, place (1142) Closer Block against Door Post and flush to outside edge of (1130) Door Block. The long side will be against (1130) Door Block and bottom of arch flush to the bottom of (1540) FB Gable Beam. Attach (1142) Closer Block to Door Post and (1540) FB Gable Beam with three #8 x 2-1/2" Wood Screws. (F24.1 and F24.2)

**F24.1**



**F24.2**  
**Inside View**



### Wood Parts

1 x (1142) Closer Block

### Hardware

3 x #8 x 2-1/2" Wood Screw

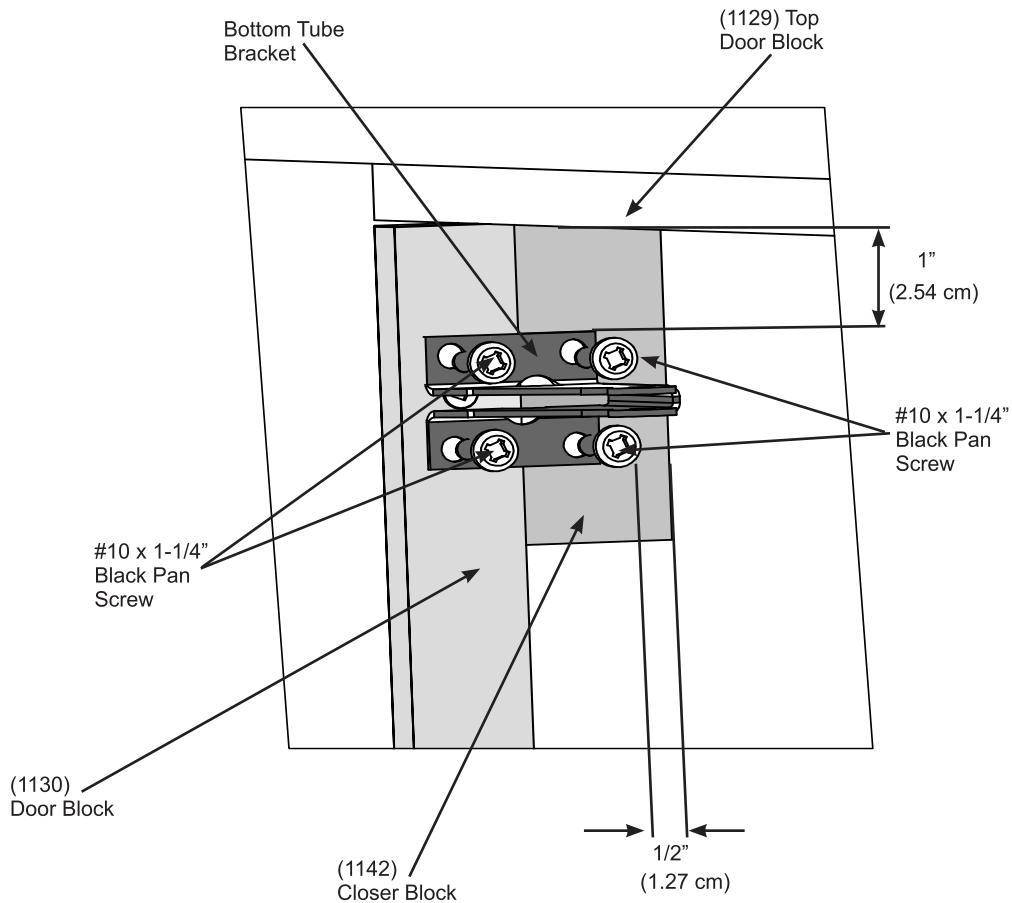


## Step 25: Attach Door Closer Part 1



**A:** Measure 1" (2.54 cm) down from (1129) Top Door Block and 1/2" (1.27 cm) in from edge of (1142) Closer Block then place Bottom Tube Bracket on (1142) Closer Block and (1130) Door Block, pre-drill with a 1/8" drill bit then attach with four #10 x 1-1/4" Black Pan Screws. (F25.1)

### F25.1



#### Components

1 x Bottom Tube Bracket

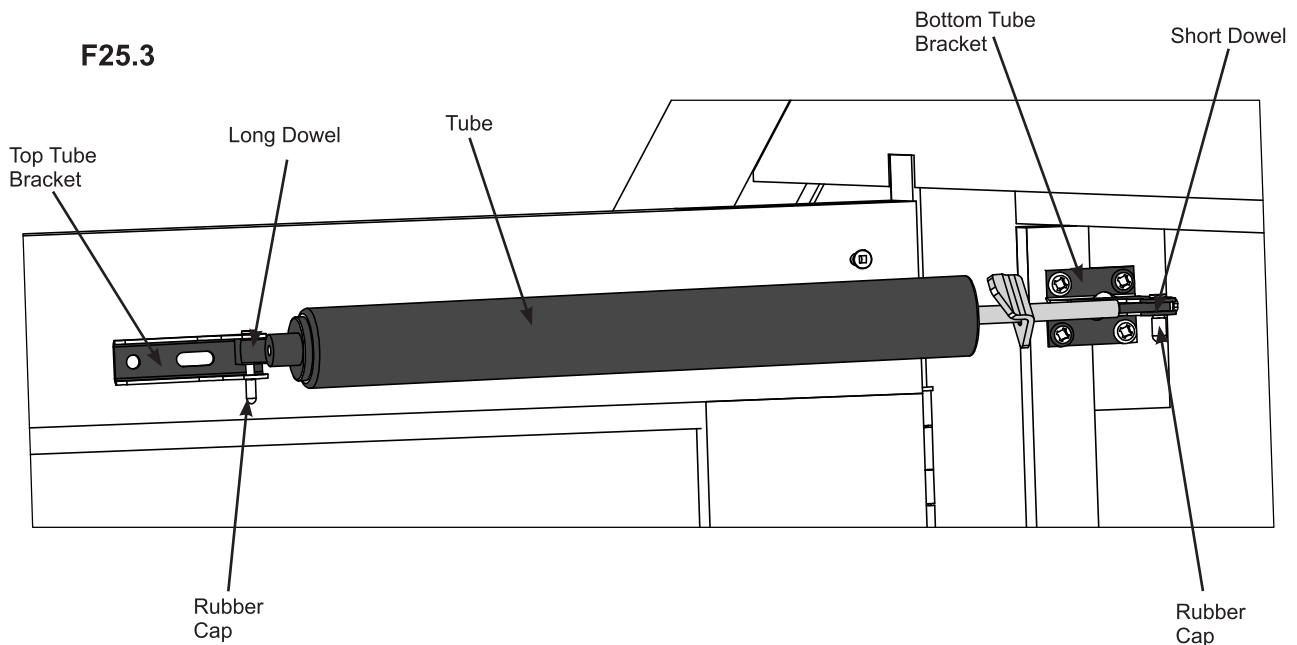
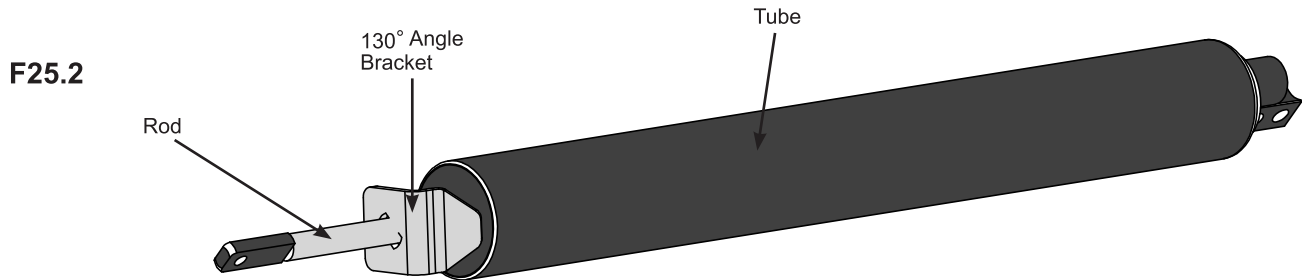
#### Hardware

4 x #10 x 1-1/4" Black Pan Screw

## Step 25: Attach Door Closer Part 2

**B:** Slide 130° Angle Bracket over rod of the Tube then attach with Short Dowel to Bottom Tube Bracket and attach a Rubber Cap. (F25.2 and F25.3)

**C:** Attach Top Tube Bracket to the end of the Tube with Long Dowel and attach a Rubber Cap. (F25.3)



### Components

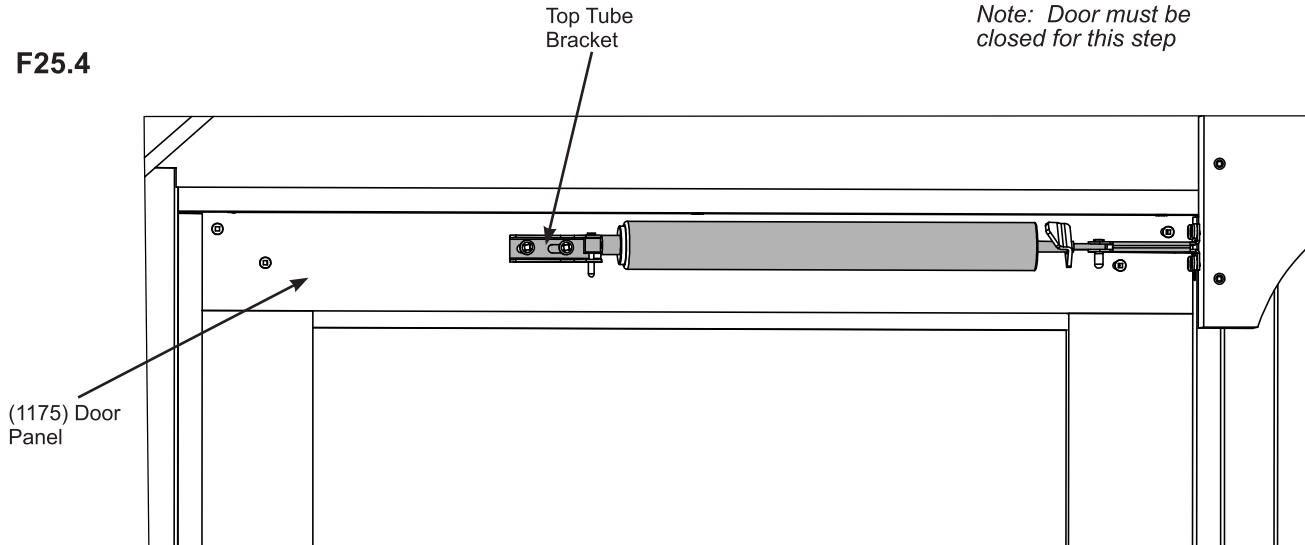
2 x Rubber Cap	1 x Short Dowel
1 x Top Tube Bracket	1 x Long Dowel
1 x 130° Angle Bracket	1 x Tube

## Step 25: Attach Door Closer Part 3

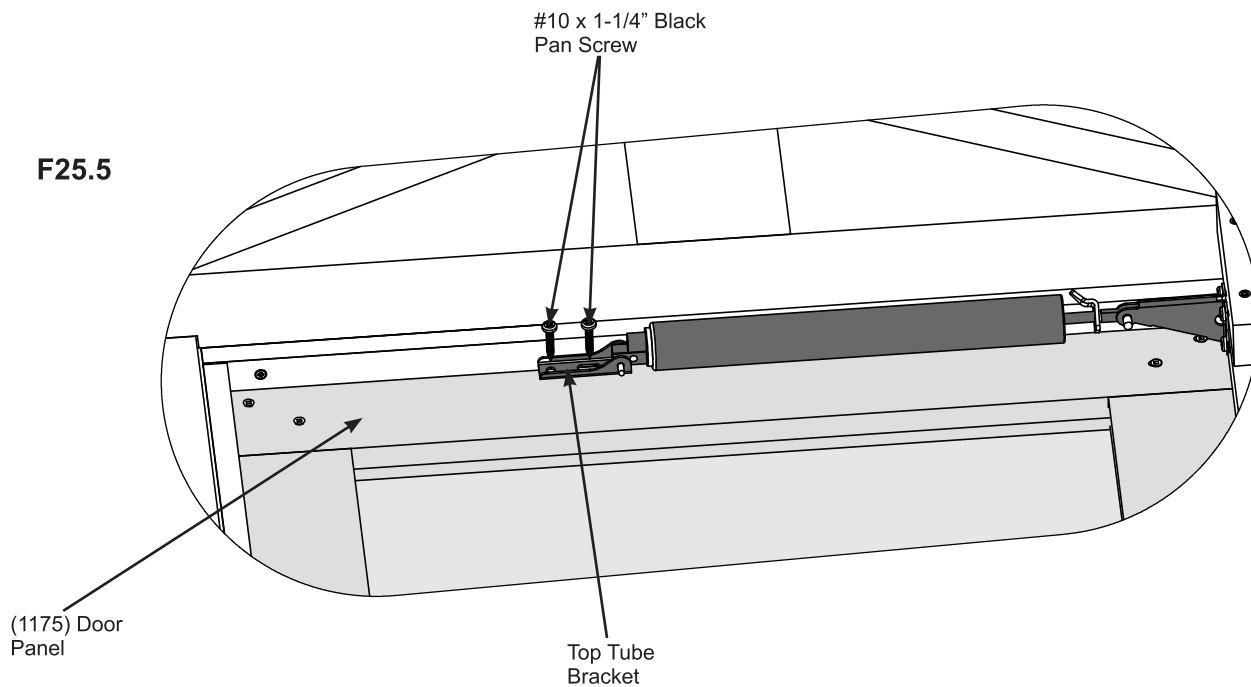


**D:** Close the door and attach Top Tube Bracket to (1175) Door Panel with two #10 x 1-1/4" Black Pan Screws. Make sure tube is level . (F25.4 and F25.5)

**F25.4**



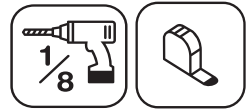
**F25.5**



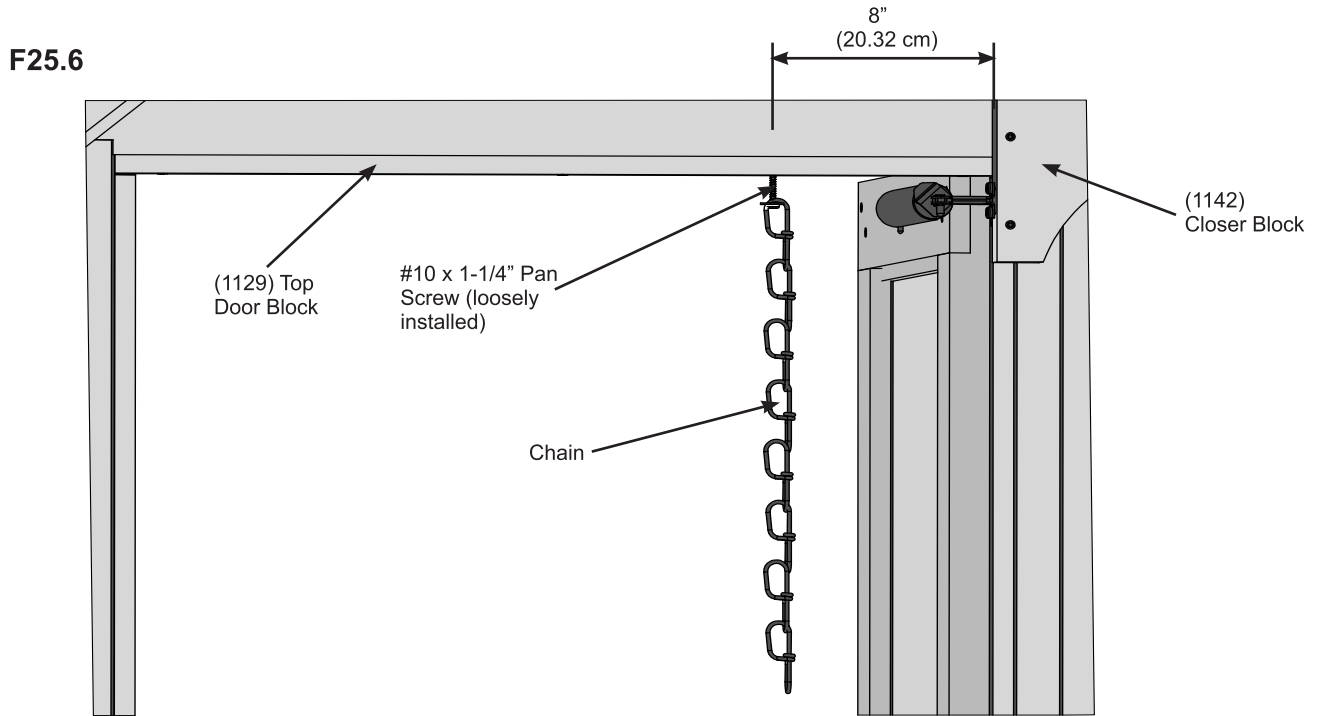
### Hardware

2 x #10 x 1-1/4" Black Pan Screw

## Step 25: Attach Door Closer Part 4

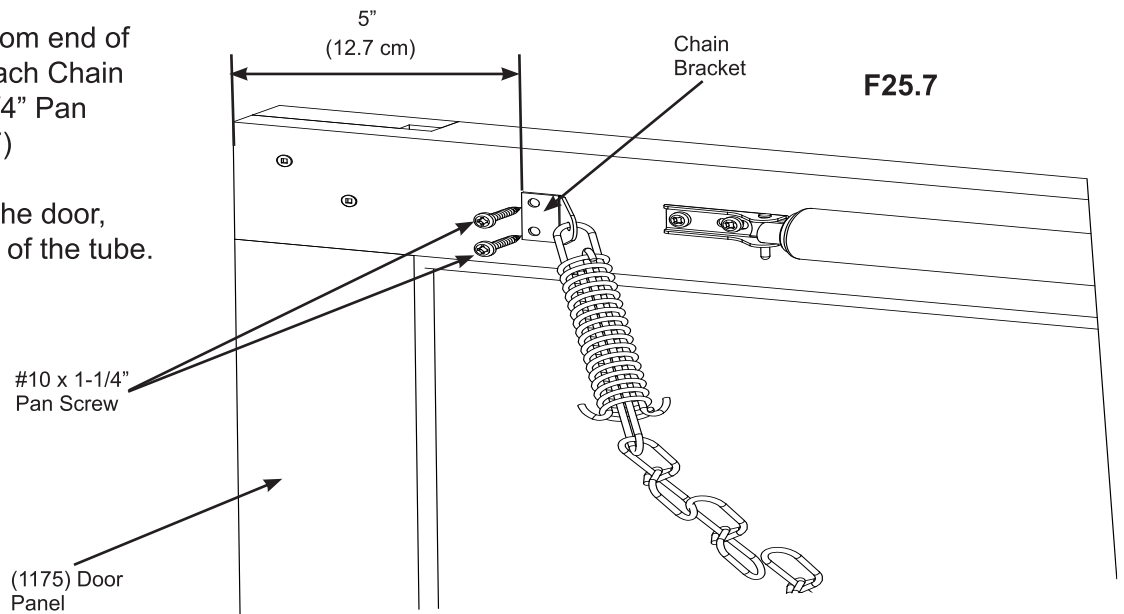


**E:** Open door, then along (1129) Top Door Block measure 8" (20.32 cm) in from (1130) Door Block and centred on (1129) Top Door Block pre-drill with a 1/8" drill bit. Put one #10 x 1-1/4" Pan Screw through end chain link then loosely attach to (1129) Top Door Block. Do not tighten screw, the chain needs to move easily. (F25.6)



**F:** Measure 5" (12.7 cm) from end of (1175) Door Panel then attach Chain Bracket with two #10 x 1-1/4" Pan Screws. (F25.6 and F25.7)

**G:** To adjust the speed of the door, adjust the screw at the end of the tube. (F25.6 and F25.7)



### Components

1 x Chain with Chain Bracket

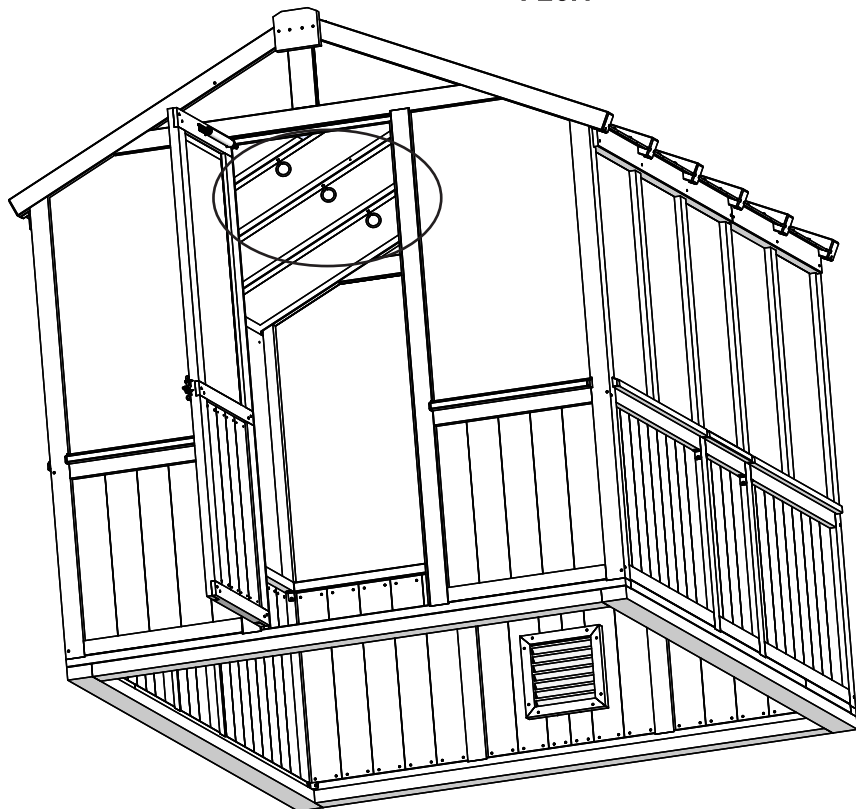
### Hardware

3 x #10 x 1-1/4" Pan Screw

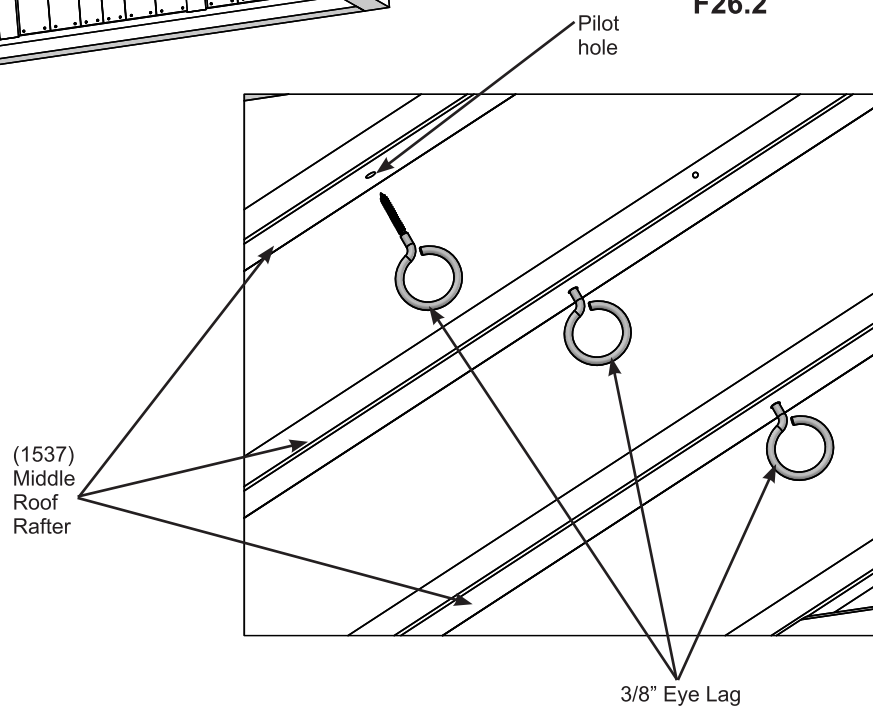
## Step 26: Attach Eye Lags

**A:** Attach one 3/8" Eye Lag to the pilot hole in each (1537) Middle Roof Rafter on both roof assemblies. (F26.1 and F26.2)

F26.1



F26.2

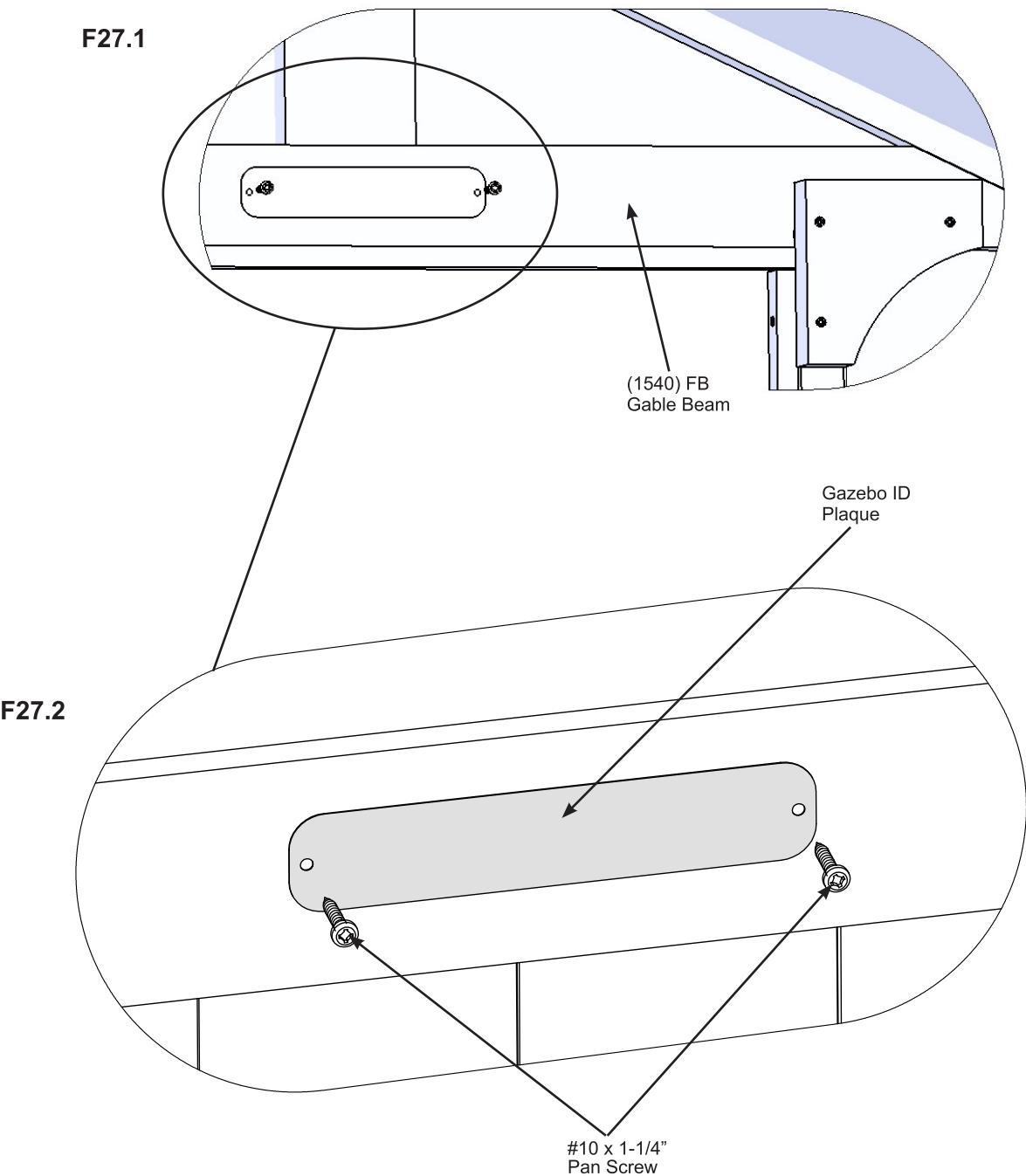


### Components

6 x 3/8" Eye Lag

# Step 27: Attach ID Plaque

**A:** Attach Gazebo ID Plaque to a prominent location on your greenhouse, such as inside the greenhouse above the door, with two #10 x 1-1/4" Pan Screws. This provides warnings concerning safety and important contact information. A tracking number is provided to allow you to get critical information or order replacement parts for this specific model. (F27.1 and F27.2)



**Components:**

1 x Gazebo ID Plaque

**Hardware**

2 x #10 x 1-1/4" Pan Screw



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[illegible]



## Customer Registration Card - Tarjeta de Registro del Cliente - Carte d'inscription du client

First Name - Primer Nombre - Prénom	Initial - Inicial - Initiale	Last Name - Apellido - Nom de famille

Street - Calle - Rue	PO Box - Casilla postal - Boîte postale	Apt. No. - App.

City - Ciudad - Ville	State/Province - Estado/Provincia - État/Province

ZIP/Postal Code - Código Postal - ZIP/Code postal	Country - País - Pays

E-mail Address - Dirección de E-mail - Adresse courriel	Telephone Number - No. de Teléfono - N° de téléphone

Model Name - Nombre del Modelo - Nom du modèle	Model Number (from front cover) - Número de Modelo (de la portada) - N° du modèle (page de couverture)

Date of Purchase - Fecha de Compra - Date d'achat (mm/dd/yyyy) (mm/dd/aaaa) (mm/jj/aaaa)	Place of Purchase - Comprado a - Lieu d'achat

Comments - Comentarios - Commentaires:

### Mail To - Enviar por Correo a - Envoyer par courrier à:

Yardistry  
375 Sligo Road West, PO Box 10  
Mount Forest, Ontario, Canada, N0G 2L0  
Attention: Consumer Relations  
Atención a: Servicio de Atención al Cliente  
À l'attention de: Service à la clientèle

### Online Registration - Registro online - Enregistrement en ligne:

[www.yardistrystructures.com/warranty](http://www.yardistrystructures.com/warranty)

Hours/ Heures/ Horas: 8:30 am - 5:00 pm EST  
(excl. holidays/ hors jours fériés/ excepto los días festivos)

English and French Spoken / Anglais et français parlés / Inglés y francés hablado

Yardistry would like to say "Thank you" for your time and feedback.

Yardistry quiere "Agradecerle" por su tiempo y su opinión.

Yardistry aimerait vous remercier d'avoir pris le temps de répondre au sondage.