

INNOVATION UNDER COVER®

www.arrowsheds.com

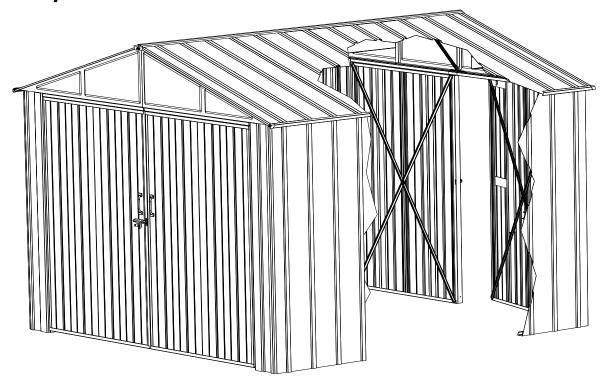
sharp edges Gloves must be worn at all times to reduce risk of injury!

See Inside for Detailed Safety Information.

COMMANDER™ MOUNTAINEER™

Model No.

(Door Kit)



NOTE: These instructions are to be used to add a rear door to an existing Arrow Commander™ or Mountaineer™ Shed. If you are assembling a Commander™ or Mountaineer™ Shed as well a Door Kit, use the manual included in the main carton (C1GA-A).

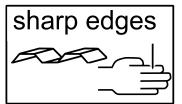
Two to three people are required for assembly.

Follow all safety precautions in the Commander™/Mountaineer™ Series Assembly Manual.

Note: It may be helpful to refer to the primary Commander™/Mountaineer™ Series Assembly Manual you used when you first assembled your building. If you have misplaced your original Commander™/Mountaineer™ Series Assembly Manual, it is available online at www.arrowsheds.com or you may request an additional copy from customer service: 1-800-851-1085.

BEFORE YOU BEGIN

Safety precautions MUST be followed at all times throughout the construction of your building!













- •Care must be taken when handling various pieces of your building since many contain sharp edges. Please wear work gloves, eye protection and long sleeves when assembling or performing any maintenance on your building.
- •Practice caution with the tools being used in the assembly. Be especially familiar with the operation of all power tools.
- •Keep children and pets away from the worksite during construction. Do not allow children to help with assembly.
- •Do NOT attempt to assemble this kit on a windy day. The large panels can catch the wind like a "sail", causing them to be whipped around making construction difficult and unsafe.
- •At least two people must work together to assemble this kit. This will make assembly faster and easier.
- •You must securely anchor once assembled in the same manner as your existing Commander™/ Mountaineer™ Shed.
- •NEVER concentrate your weight on the roof of the building. When using a step ladder make sure that it is fully open and on even ground before climbing on it.

Below is a list of things you will need for installation.



- **Work Gloves**
- **Safety Glasses**
- Step Ladder
- No. 2 Phillips Screwdriver (Magnetic Tip Preferred)
- **Utility Knife or Scissors**
- **Pliers**
- Carpenter's Level
- Tape Measure



- Power Drill (Cordless, Variable Speed)
- **Nut Driver or Wrench**
- Square
- String (for squaring the frame)
- Awl (to align holes)

HARDWARE LIST.

Key No.	Part No.	Part Description	Qty.	List
	_	•	122	LIST
1	65103	Hex Nut (#8-32)		
2	65106	Square Nut (#10-32)		
3	65923	Small Bolt (#8-32 x 3/8) (10 mm)	86	
4	65943	Large Bolt (#10-32 x 7/16) (11 mm)	14	
5	65004	Small Screw (#8AB x 5/16) (8 mm)	96	
6	66611	Large Screw (#10AB x 1/2) (13 mm)	153	
7	66625	Long Bolt (#10-32 x 3/4) (19 mm)	2	
8	66783	Flat Head Screw (#8-32 x 1/2) (13 mm)	36	
9	66646	Washer Sheet	4	
10	66609	Hinge	6	
11	66778	Lock Eyelet	1	
12	66781	Spring Latch	1	
13	67293	Weather Stripping	1	
14	10651	Latch Plate	3	
15	66779	Slide Bolt	1	
16	66780	Cane Bolt	2	
17	66782	Door Handle	2	

At the top of each page you will see Part No.one or more Part Cues like the one to the right. These Part Cues are End View designed to help you quickly identify Part Name the parts needed for each step.

Various fasteners are used throughout the construction of your kit. In each step you will see the abbreviations listed below used in the illustrations to help you identify which fastener to use.

SB -Small Bolt

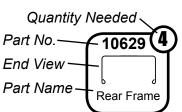
SS -Small Screw

LB -Large Bolt

LS -Large Screw

FS -Flat Head Screw

LNB - Long Bolt



Hardware Views by Key No.



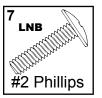




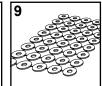


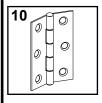






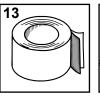






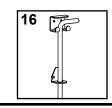


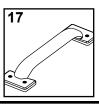




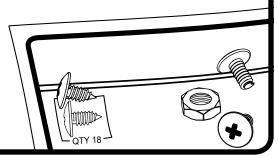






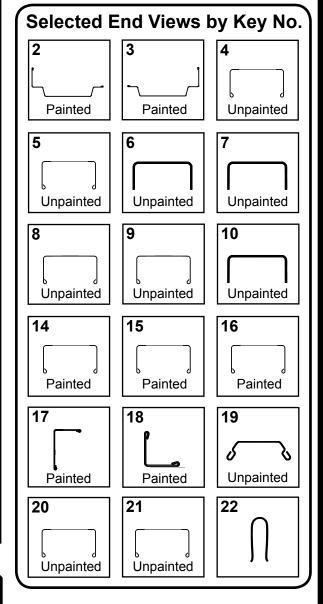


The fasteners used in each step are shown actual size at the top of each page. If you are unsure which fastener to use, hold it up to the picture and use the one that matches.



PARTS LIST...

Key No.	Part No.	Part Description	Qty.	√
1			2	List
	10618 10622	Front Wall Panel		
2 3 4		Right Door Jamb	1 1	
١	80037	Left Door Jamb		
4	10627	Front Wall Channel		
5	10628	Front Wall Diagonal	4 1	
6	10878	Long Fascia		
7	10879	Short Fascia		
8	10640	Wall Post	2	
9	10652	Wall Post (Hinge)	2	
10	10880	Front Frame	2	
11	10623	Door Panel (Hinge)		
12	10624	Right Door Panel		
13	80051	Left Door Panel		
14	10635	Horizontal Door Brace	4	
15	10678	Vertical Door Brace (Latch)	2	
16	10637	Vertical Door Brace (Hinge)	2	
17	10647	Top Door Trim	2	
18	10648	Door Astragal	2	
19	10626	Door Diagonal Brace	8	
20	10636	Vertical Door Brace	4	
21	10675	Cane Bolt Bracket	2	
22	69835	Edge Trim (Green)	2	



Part Number Part Number

- 1. Each part has an identifying part number on it.
- 2. Part Numbers are referenced in each step.
- 3. Unpainted parts have a stamped in number and painted parts have a number that is inked on.

Remove inked on numbers with soap and water after assembly.

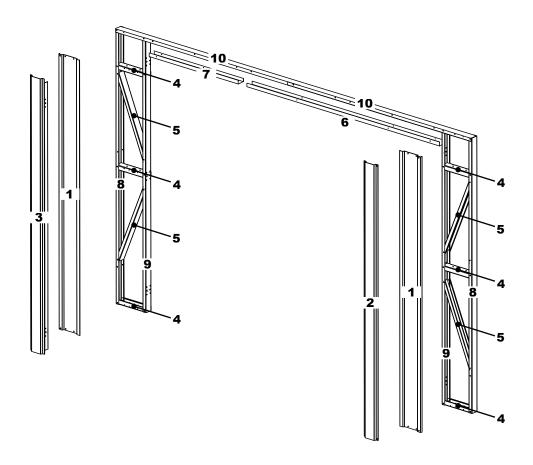
Confirm that all hardware and parts are present before attempting to assemble your kit.

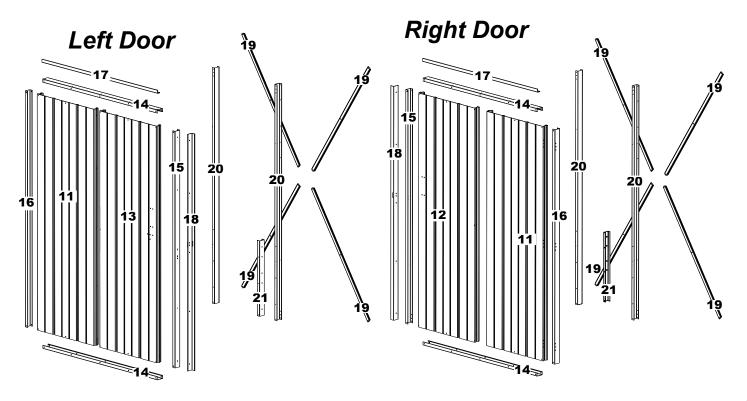
For missing or damaged parts, contact Customer Service. Do not return to store.

Customer Service: 1-800-851-1085 or assist@arrowsheds.com

ASSEMBLY BY KEY NO.

Door Kit





Step 1: Disassemble Rear Wall

Remove Parts:

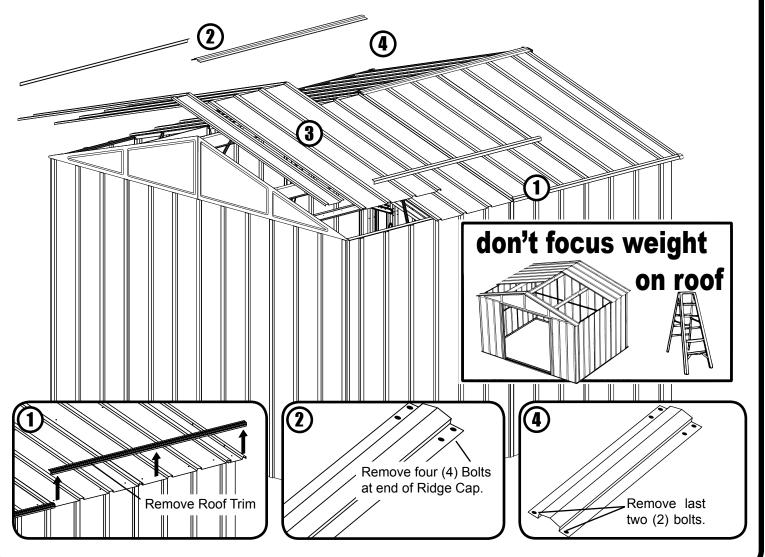
Roof Trim Cap (2)

Peak Cap (1)

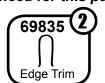
- Roof Panel (2)
- Roof Trim (2)
- End Roof Panel (2)Ridge Cap (1)

IMPORTANT: Take care in removing parts from building. They will be reused later.

- Remove the rear **Roof Trim Caps** and **Roof Trim** from both sides of building.
- Remove **Peak Cap** and four (4) **Bolts** and **Nuts** from rear **Ridge Cap**.
- Remove the last full-size **Roof Panel** and **End Roof Panel** from both sides of building.
- Remove the rear **Ridge Cap** by removing two (2) **Bolts** and **Nuts** towards middle of building.



You will need for this page:



Remove Parts:

- Roof Beam Brace (1)
- Roof Beam (4)
- Gable (2)
- Track Support (2)
- Gable Brace (1)



IMPORTANT: Take

They will be reused later.

removing parts from building.

Install Edge Trim to cover Gable Edge BEFORE doing ANY work with Gables. Failure to do so could result in injury.

care

in



Install Edge Trim to top edge of Gables.



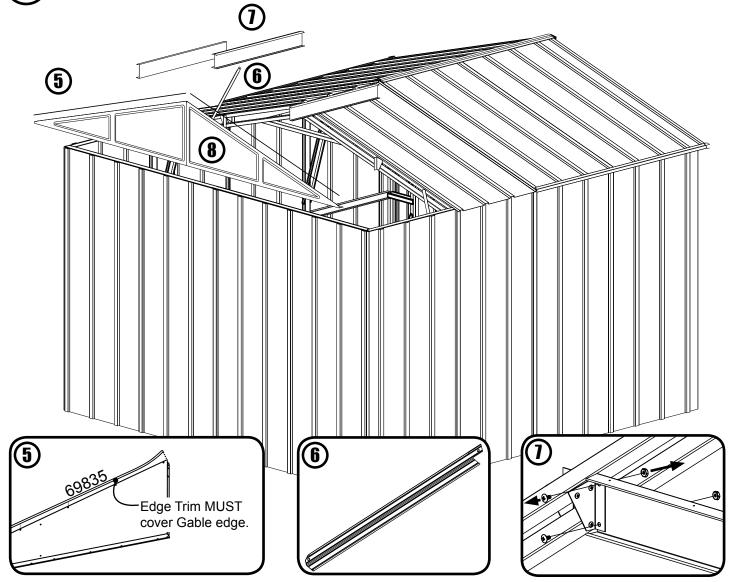
Remove Roof Beam Brace.



Remove two (2) side and main Roof Beams.



Remove Gable Brace, Track Supports, and Gables.

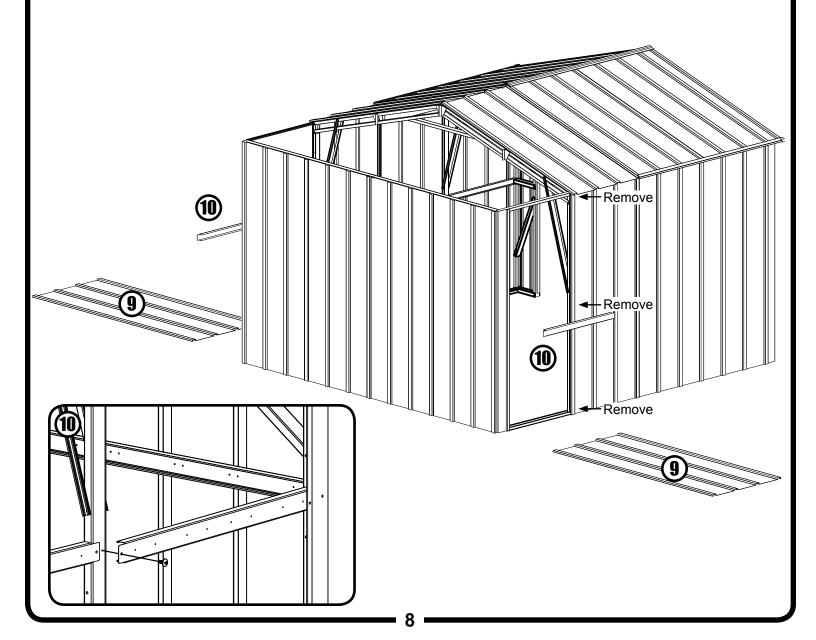


Remove Parts:

- Wall Panel (2)
- Side Wall Channel (2)

IMPORTANT: Take care in removing parts from building. They will be reused later.

- Remove last **Wall Panel** from both sides of the building. Remove top, middle, and bottom **Screws** on **Adjacent Wall Panel** as shown.
- Remove Side Wall Channel.

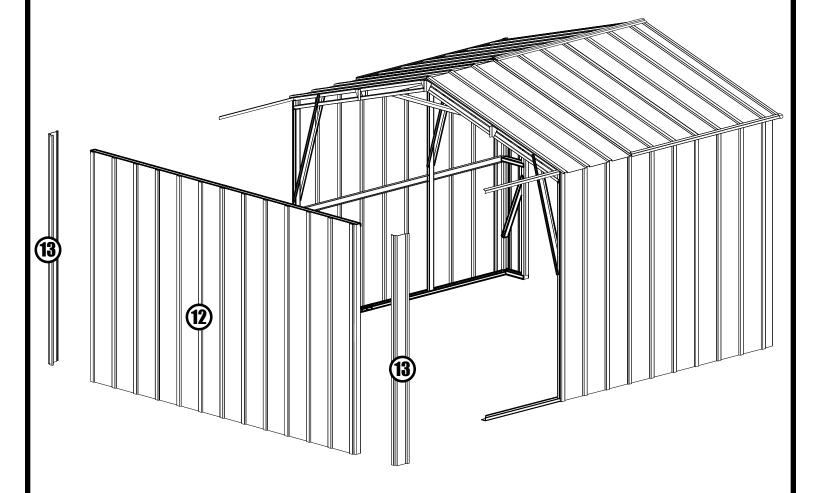


Remove Parts:

• Corner Panel (2)

IMPORTANT: Take care in removing parts from building. They will be reused later.

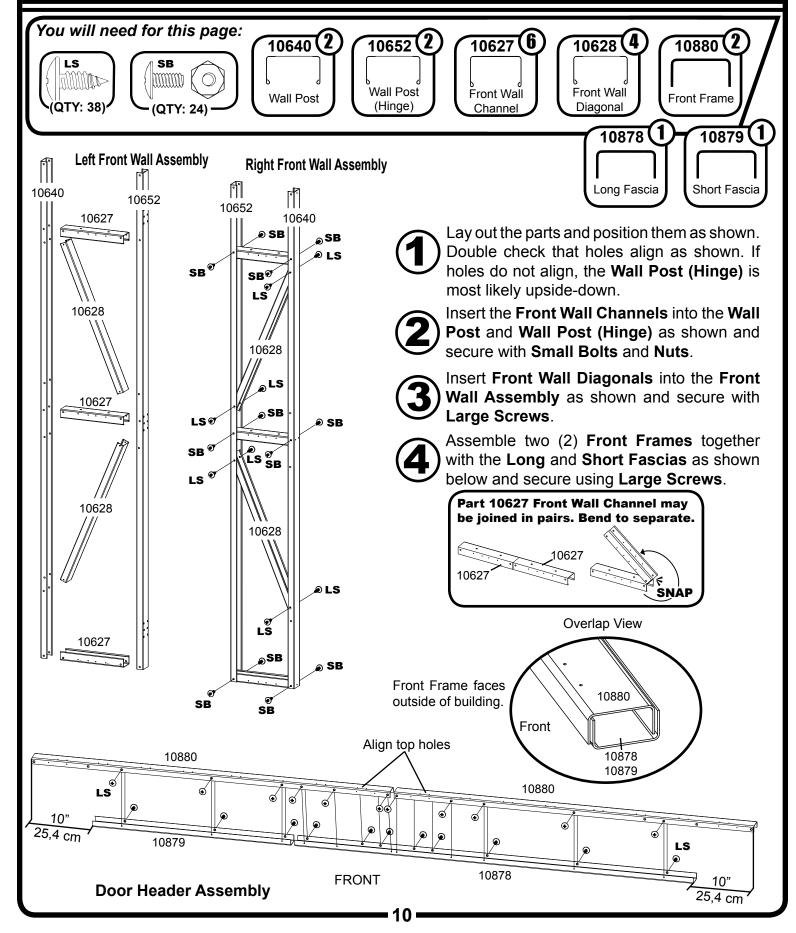
- Remove Anchor Bolts from rear wall.
- 12 Remove rear wall from building.
- (13) Remove rear Corner Panels.





IMPORTANT: TWO (2) PEOPLE SHOULD BE SUPPORTING THE REAR WALL AS IT IS UNFASTENED!

Step 2: New Rear Wall Assembly



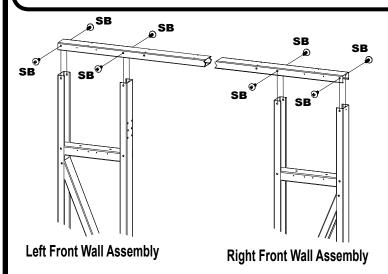
You will need for this page: SB (QTY: 8) SS (QTY: 12) Front Wall Panel

Assemblies from previous page:

- Left Front Wall Assembly
- Right Front Wall Assembly
- Door Header Assembly

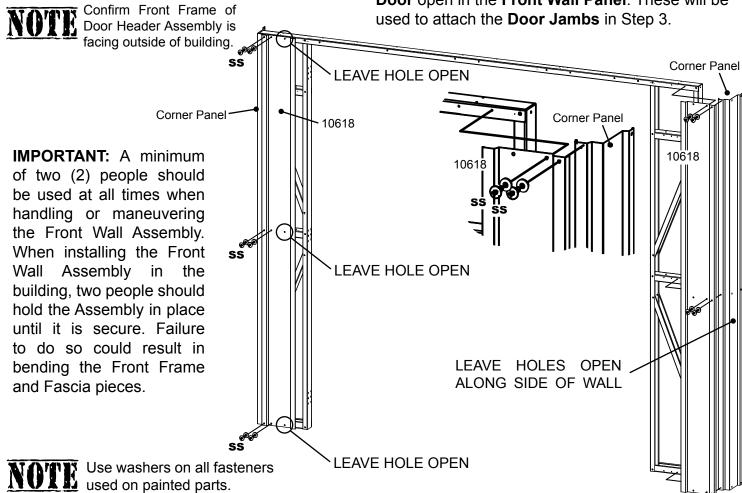
Reused Parts:

Corner Panel (2)

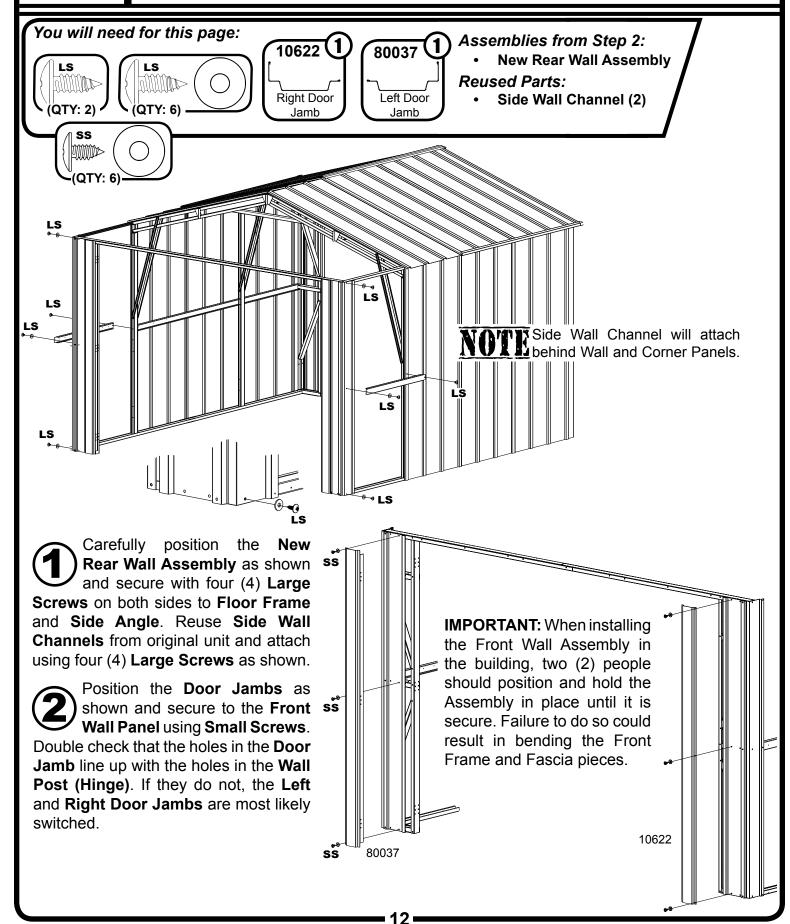


Slide the **Door Header Assembly** down onto the **Front Wall Assemblies** as shown and secure with **Small Bolts** and **Nuts**. Once these pieces are joined, take care when moving them as the **Door Header** may bend.

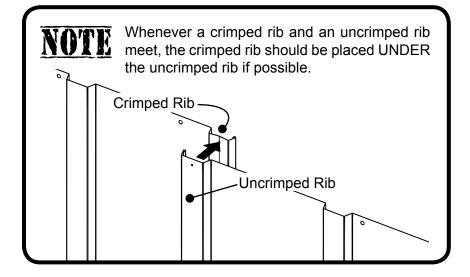
Using Small Screws, attach a Front Wall Panel and Corner Panel to each corner of the Front Wall as shown. Reuse Corner Panels from original unit. The Corner Panel should only be secured to the Front Wall Panel where the Panels overlap. Do not secure the Corner Panel to the Front Wall itself, this will be done in Step 3. Also, leave the holes closest to the Door open in the Front Wall Panel. These will be used to attach the Door Jambs in Step 3.

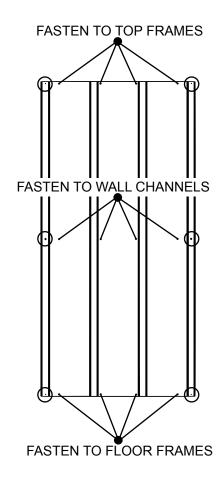


Step 3: New Rear Wall Install



Step 4: Wall Panels



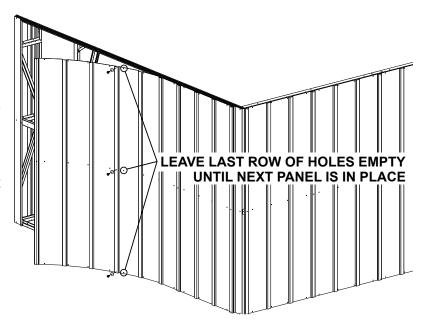


Use the diagram to the right when attaching Wall Panels.

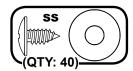
• Secure the top row to Top Form

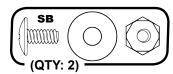
- · Secure the middle row to Wall Channels
- · Secure the lower row to Floor Frames
- Secure the circled holes to the Panel next to it

IMPORTANT: When installing the Wall Panels over a Truss, you will need to 'roll' the Panels as shown to be able to attach the next Panel at the overlap. When securing the Panel to the building with Small Screws, do not insert Screws in the row of holes closest to the last rib of the Panel. Next, roll the Panel back slightly and attach the next Panel at the overlap with a Bolt and Nut in the center hole. Once this is done, continue securing the Panel to the building.



You will need for this page:



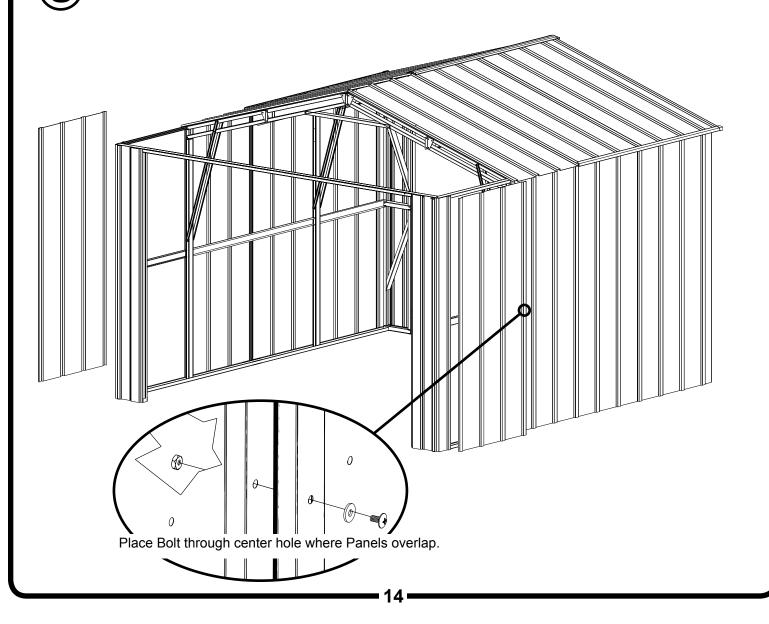


Reused Parts:

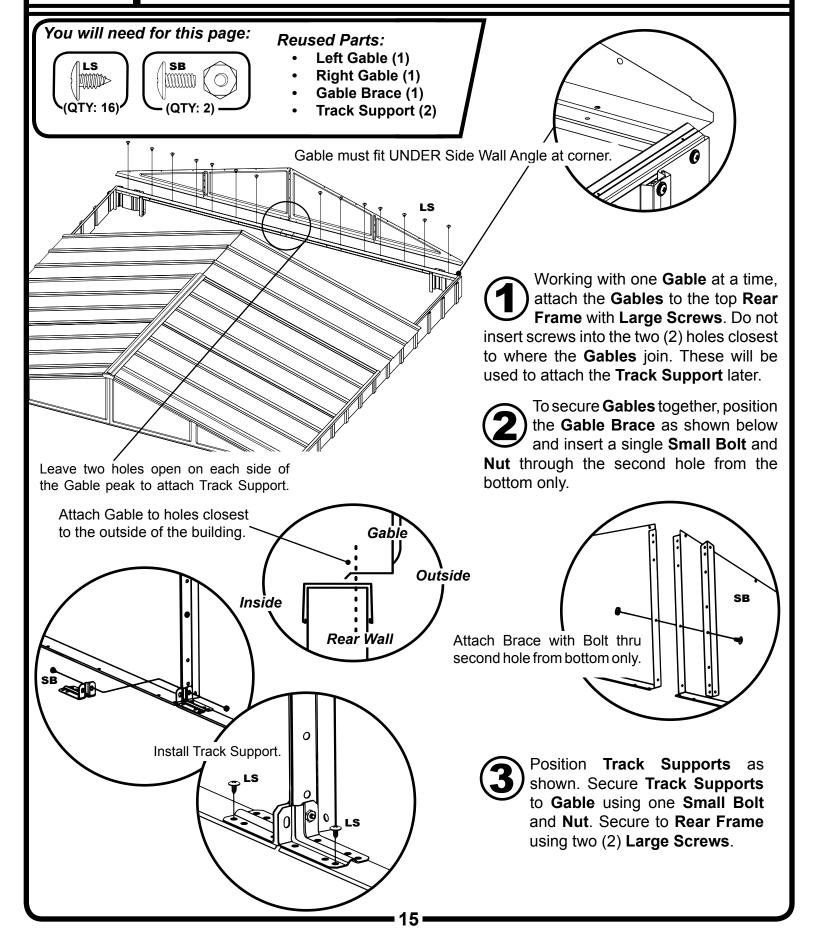
Wall Panel (2)

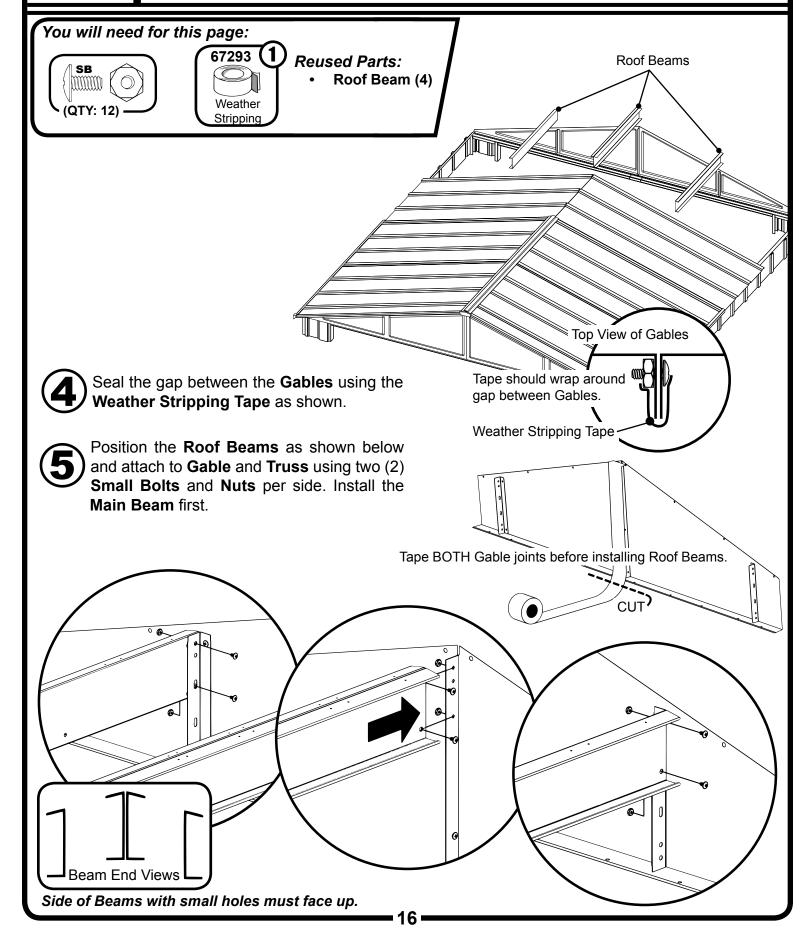
NOTE Use washers on all fasteners used on painted parts.

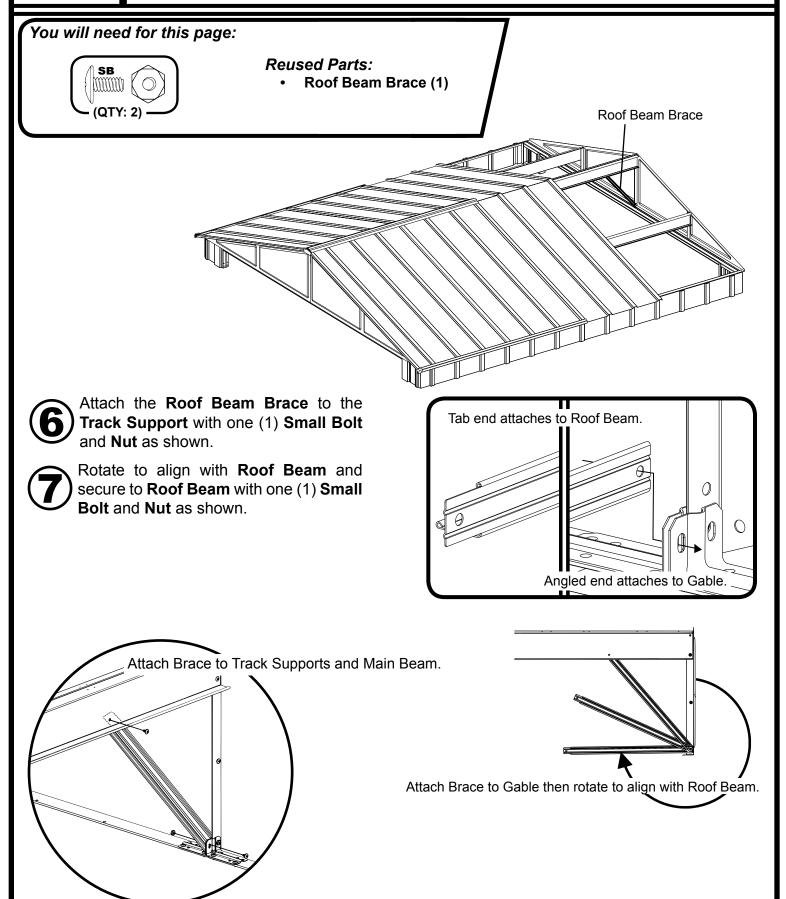
- Working one side at a time, lift the Wall Panel into place and secure the Wall Panel with one (1) Bolt and Nut through the center hole at the overlap (see below). Resecure Adjacent Wall Panel to building with three (3) Small Screws through top, middle, and bottom holes.
- Secure Wall Panel with four (4) Small Screws in the top of the Wall Panel, four (4) Small Screws in the middle of the Wall Panel, and four (4) Small Screws in the bottom of the Wall Panel
- Secure rib overlaps using five (5) **Small Screws**. Repeat for other **Wall Panel**.



Step 5: Gables



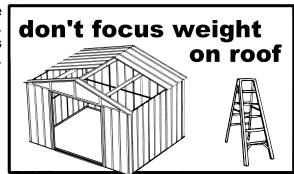


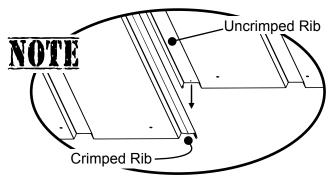


Roof Install Prep Page

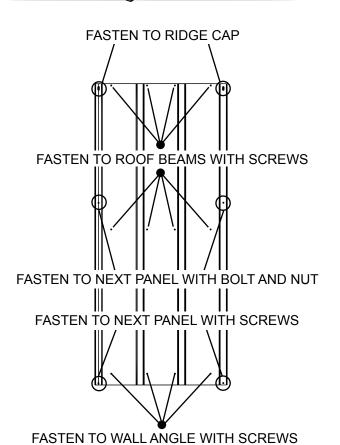
Read through all of Roof Assembly before beginning Step 6.

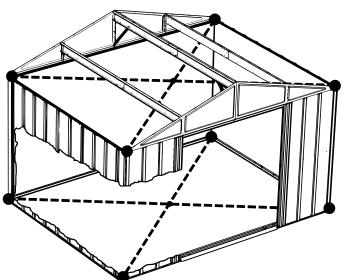
IMPORTANT: At this time, take a moment to ensure the building is level and square. Measure the building diagonally again to make sure the building is square. The building should be square at the base and at the top. This will make Roof Panels fit better and holes will better align.





Whenever a crimped rib and an uncrimped rib meet, place the crimped rib UNDER the uncrimped rib.

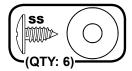


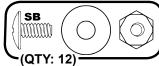


The building is square when diagonal measurements are equal.

Step 6: End Panels

You will need for this page:





Reused Parts:

- Right Roof End Panel (1)
- Left Roof End Panel (1)

Secure the End Panel to the Main Roof Beam by placing a Small Screw in hole #1 (from the diagram below). Carefully remove the Gable Edge Trim once the Panel is in position.

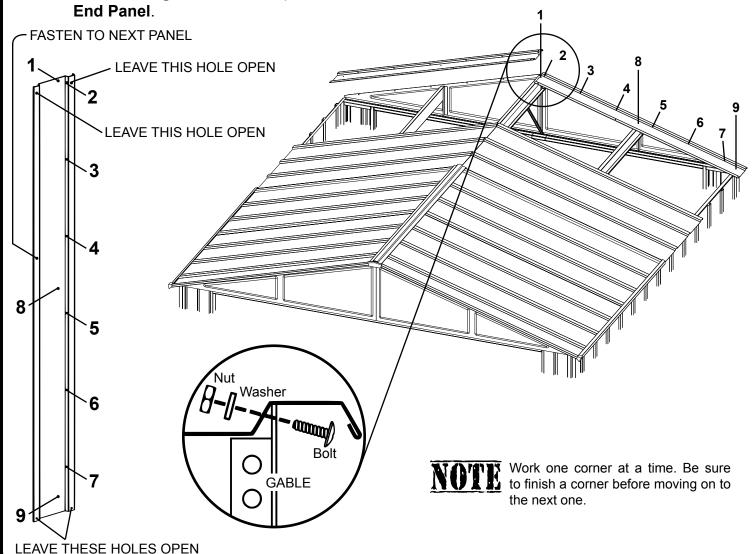
Fasten Panel to Gable by placing Small Bolts and Nuts through holes #2 - #7. Fasten the holes in order.

Secure the Panel by placing a Small Screw to the outer Roof Beam in hole #8 and Side Angle in hole #9. Repeat for other

An Awl may be used to help align holes that are only slightly misaligned. Take care not to bend or warp the metal, and always practice

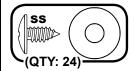
proper tool safety.

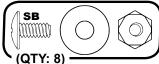
If Roof Beam holes do not line up with Roof Panel holes, shift the building from left to right. If this does not help, your building may not be level. Shim the corners until holes line up.



Step 7: Roof Assembly

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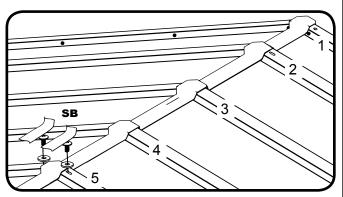




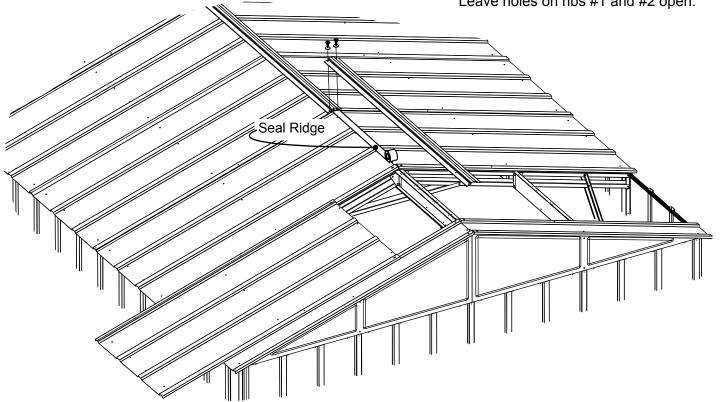
Reused Parts:

- Roof Panel (2)
- Ridge Cap (1)
- Attach the end of the rear **Ridge Cap** with two (2) holes in existing **Ridge Cap** with two (2) **Small Bolts** and **Nuts**.
- 2 Install Roof Panels.
- Seal the ridge of the building with Weather Stripping.
- Where **Panels** overlap under **Ridge Cap**, secure with two (2) **Small Bolts** and **Nuts** and seal with a strip of tape.

• Starting with rib #5 below, every rib that is over a Truss should be secured with a Small Bolt and Nut, and then sealed with a strip of Tape.



Leave holes on ribs #1 and #2 open.



NOTE

Weather Stripping Tape should be applied in a continuous strip along the length of the roof.

Step 8: Roof Trim

You will need for this page:







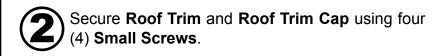
Reused Parts:

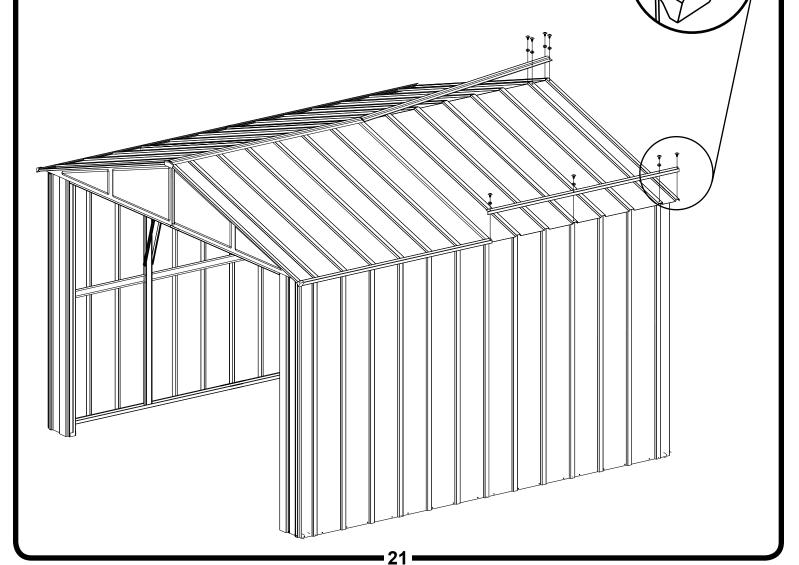
- Roof Trim (2)
- Peak Cap (1)
- Roof Trim Cap (2)

<u>IMPORTANT:</u> Once the building is assembled, anchor the added sections of the building in the same manner as the rest of the building.

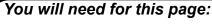
Secure the rear **Ridge Cap** to the back of the building with four (4) **Small Bolts** and **Nuts**.

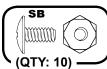
Roof Trim Caps are positioned as shown.

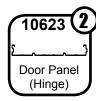


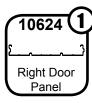


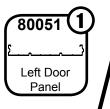
Step 9: Door Assembly







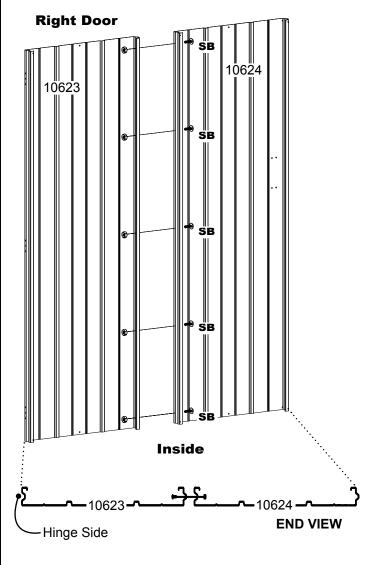


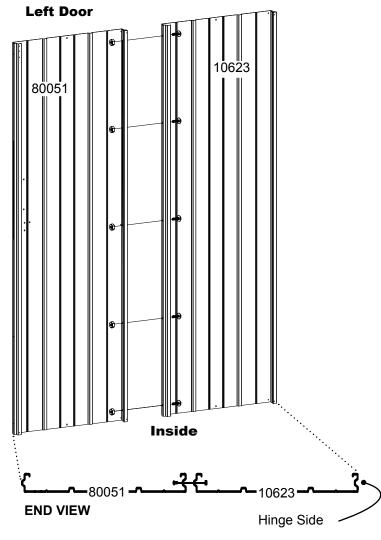


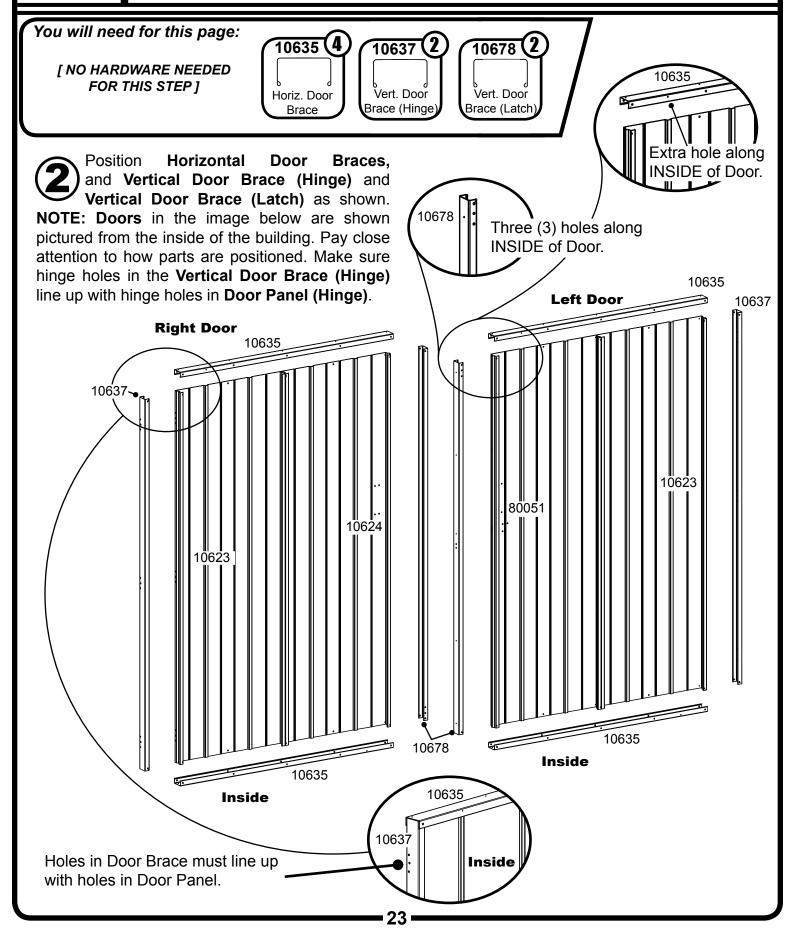
Refer to page 5 for Door assembly overview.

Position Door Panels as shown and secure using Small Bolts and Nuts. NOTE: Door Panels in the image below are shown pictured from the inside of the building. Pay close attention to how Panels are positioned. Below are end views showing Panel position.

The best way to assemble the Doors is on a flat, elevated surface such as a table or workbench.







You will need for this page:





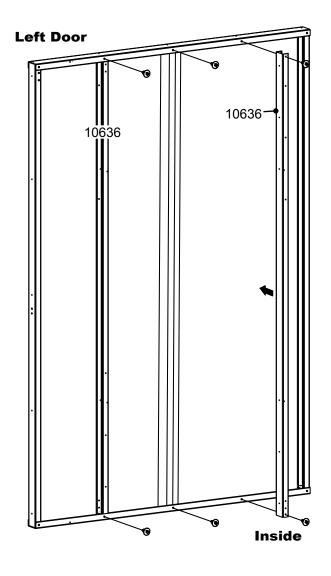
Slide Vertical Door Braces into position with ends inside Horizontal Door Braces. Double check that the open ends of the Vertical Door Braces face the edges of the Door (see image to right) and secure with Large Screws in each Door. NOTE: Doors are shown pictured from inside building.

Right Door

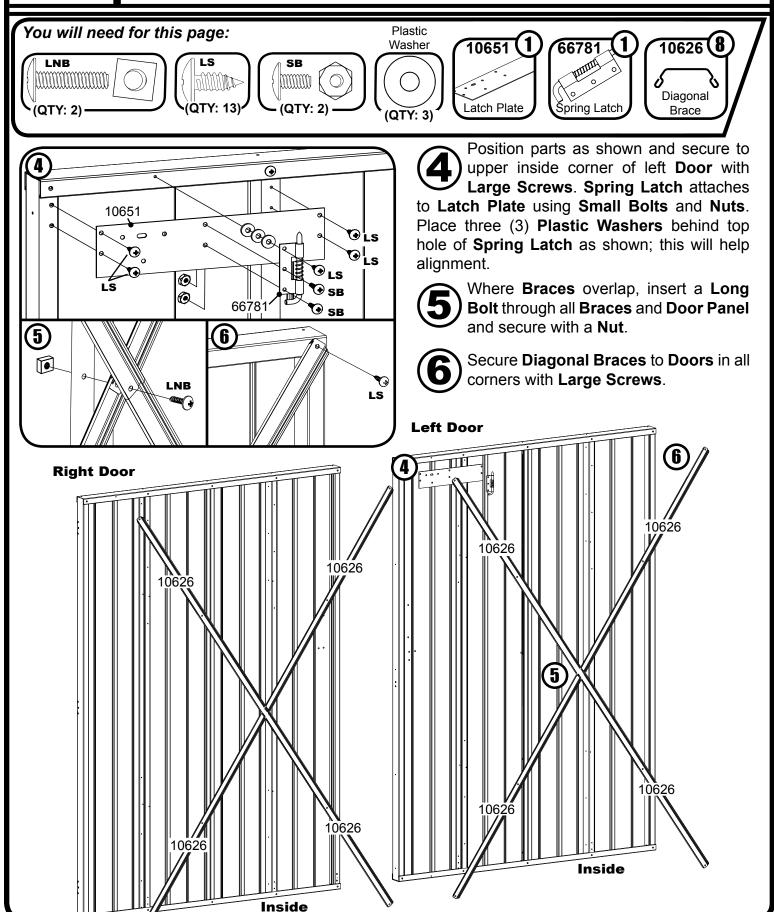
10636

Open ends of Vertical Door Braces must face edge of Doors.





Inside



You will need for this page:

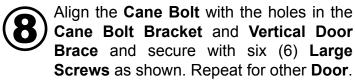


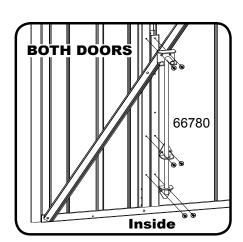


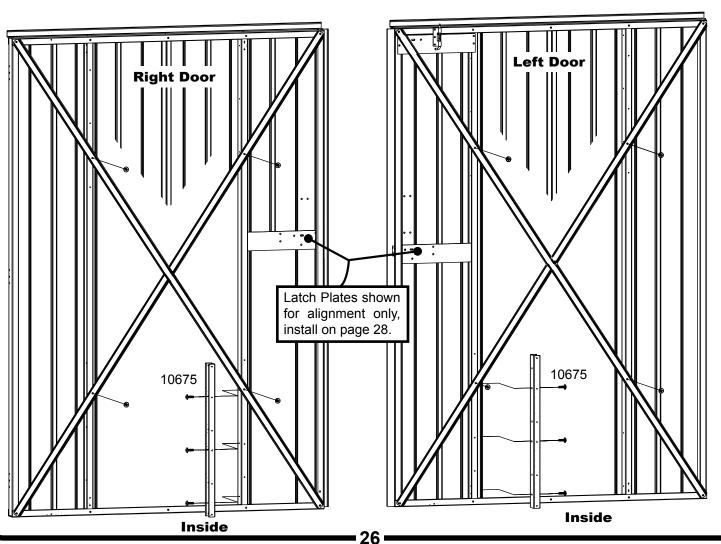


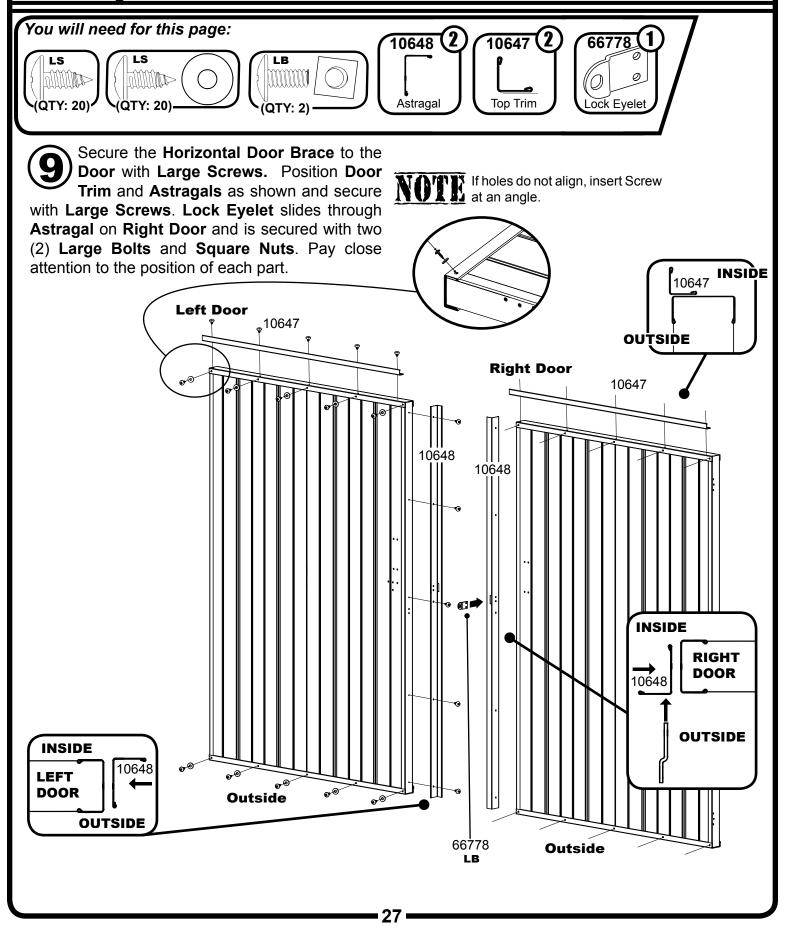
The Cane Bolt, Door Handles and Slide Bolt are pre-packaged with thier own hardware. This hardware is not used when assembling the building. Instead, use the hardware indicated in each step.

Secure all **Diagonal Braces** to the **Vertical Door Braces** with **Large Screws** as shown. Next, position the **Cane Bolt Bracket** backto-back against the **Vertical Door Brace** closest to the center of one (1) **Door** as shown. Slide the **Cane Bolt Bracket** to the bottom of the **Door** and secure with three (3) **Large Screws**. Repeat for other **Door**.

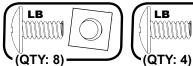


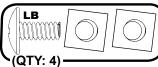






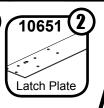
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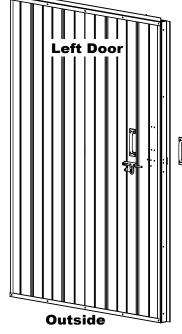


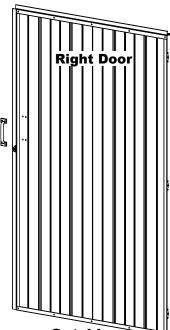


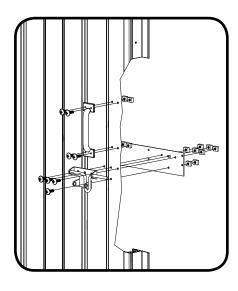
Slide Latch Plate into position on the Left **Door**. Next, position the **Slide Bolt** on the face of the **Door** and secure with **Large** Bolts and two (2) Square Nuts on each Bolt. Position the **Door Handle** on the face of the **Left** Door and secure with Large Bolts and Square **Nuts**. This completes the **Left Door** assembly.

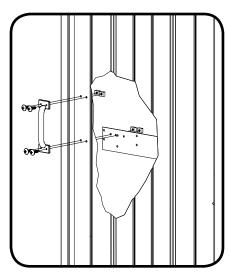
Do not use hardware supplied with Door Handle and Slide Bolt. Instead, use the hardware indicated in this step.

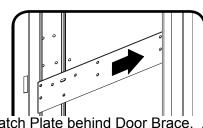
Slide Latch Plate into position on the Right Door. Next, position the Door Handle on the face of the Door and secure with Large Bolts and Square Nuts. This completes the Right Door assembly.



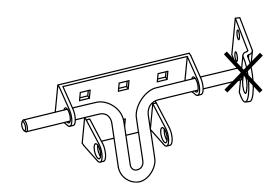




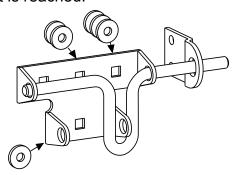


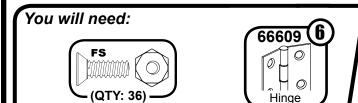


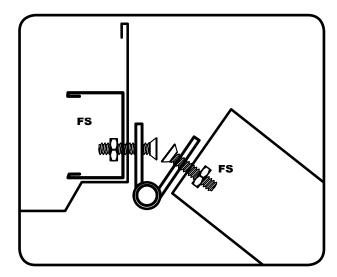
Slide Bolt may need adjustment to align properly.



If Slide Bolt does not align properly, you may need to insert plastic washers between the door and the Slide Bolt to ensure proper fit. Adjust number of plastic washers until desired fit is reached.







Hanging the Doors:

After the Doors have been assembled, install hinges on one (1) Door using flathead Screws and Nuts. Use the image to the left as a guide to proper hinge position. Next, position one (1) Door in the doorway of the building and secure the hinges, from top to bottom, to the Door Jamb, but do NOT fully tighten. With all hinges in place, hold the Door in alignment and slowly tighten the Bolts on the Door Jamb side of the hinge. Repeat to hang the other Door.

Swing the Doors carefully to check alignment. If Doors are misaligned, slightly loosen the Bolts on the Door Jamb side of the hinge and realign the Door. Fully tighten when done.

IMPORTANT: Once the building is fully assembled, measure across the door opening and check that it is 98 1/4" (249,6 cm). If it is not, move the front walls in or out slightly to match this dimension. This must be done **BEFORE** anchoring.

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