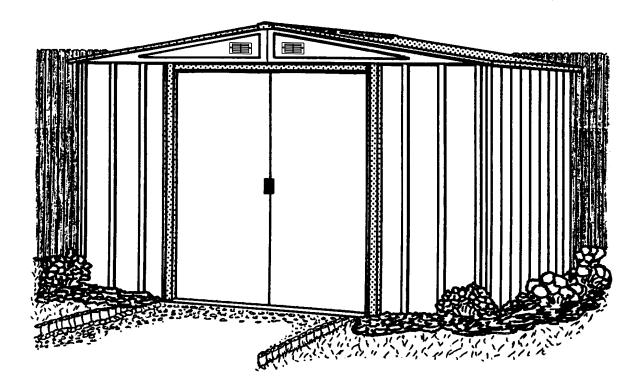
Owner's Manual & Assembly Instructions



Model No. RGB1010ONEU



728311220

Storage Area: 92 Sq. Ft. 584 Cu. Ft. 8,5 m² 16,5 m³



CAUTION: SOME PARTS HAVE SHARP EDGES. CARE MUST BE TAKEN WHEN HANDLING THE VARIOUS PIECES TO AVOID A MISHAP. FOR SAFETY SAKE, PLEASE READ SAFETY INFORMATION PROVIDED IN THIS MANUAL BEFORE BEGINNING CONSTRUCTION. WEAR GLOVES WHEN HANDLING METAL PARTS.

BUILDING DIMENSIONS * Size rounded off to the nearest foot

*Approx.	Base		or Dimens dge to Roc			r Dimensic /all to Wall)		Door Opening	
Size	Size	Width	Depth	Height	Width	Depth	Height	Width	Height
10' x 10'	121" x 114 1/2"	123 1/4"	117"	82 1/8"	118 1/4"	111 3/4"	80 7/8"	55 1/2"	69 1/4"
3,0 m x 3,0 m	307,3 cm x 290,8 cm	313,1 cm	297,2 cm	208,6 cm	300,4 cm	283,8 cm	205,4 cm	141,0 cm	175,9 cm

HS02b

Owner's Manual

Before beginning construction, check local building codes regarding footings, location and other requirements. Study and understand this owner's manual.

Important information and helpful tips will make your construction easier and more enjoyable.

Assembly Instructions: Instructions are supplied in this manual and contain all appropriate information for your building model. Review all instructions before you begin, and during assembly, follow the step sequence carefully for successful results.

Flooring and Anchoring: Your storage building must be anchored to prevent wind damage. A base is necessary to construct a square and level building. Anchoring and base materials are not included with your building. Your assembly instructions provide information on a few methods commonly used to secure and level a storage building.

Parts and Parts List: Check to be sure that you have all the necessary parts for your building.

•All part numbers can be found on the parts. All of these numbers (before the -) must agree with the numbers on the Parts List page.

•If you find that a part is missing, include the model number of your building and contact:

•Separate contents of the carton by the part number while reviewing parts list. The first few steps show how to join related parts to make larger sub assemblies which will be used later.

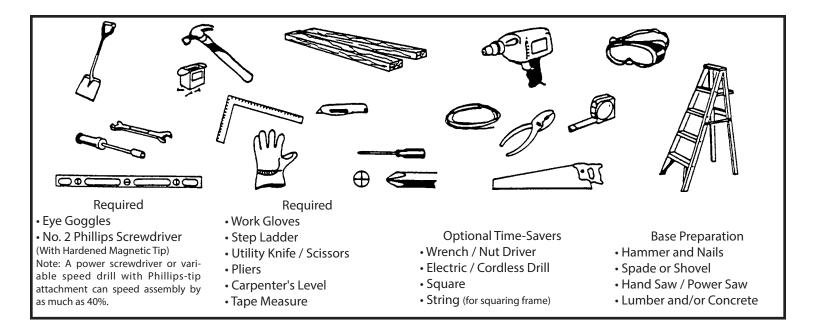
•Familiarize yourself with the hardware and fasteners for easier use during construction. These are packaged within the carton. Note that extra fasteners have been supplied for your convenience.

PLAN AHEAD....

Watch the Weather: Be sure the day you select to install your building is dry and calm. Do not attempt to assemble your building on a windy day. Be careful on wet or muddy ground.

Teamwork: Whenever possible, two or more people should work together to assemble your building. One person can position parts or panels while the other is able to handle the fasteners and the tools.

Tools and Materials: These are some basic tools and materials you will need for the construction of your building. Decide which method of anchoring and the type of base you wish to use in order to form a complete list of the materials you will need.



Selecting and Preparing Your Site: Before assembly, you will want to decide on a location for your building. The best location is a level area with good drainage.

•Allow enough working space for ease of moving parts into position during assembly. Be sure there will be enough space at entrance for doors to open fully and enough space around the building to be able to fasten the panel screws from the outside.

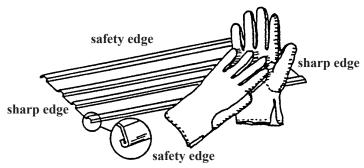
•Before you begin the first steps in assembling your parts, a base should be constructed and an anchoring system should be ready to use.

A04

SAFETY FIRST....

Safety precautions are important to follow throughout the construction of your building.

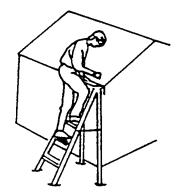
•Care must be taken when handling various pieces of your building since some contain sharp edges. Please wear work gloves, eye protection and long sleeves when assembling or performing any maintenance on your building.



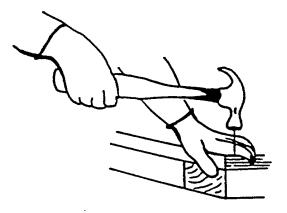
•Keep children and pets away from worksite to avoid distractions and any accidents which may occur.



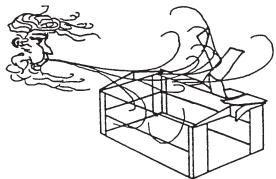
•Never concentrate your total weight on the roof of the building. When using a step ladder make sure that it is fully open and on even ground before climbing on it.



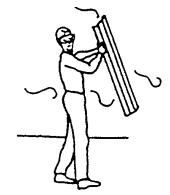
•Practice caution with the tools being used in the assembly of this building. Be familiar with the operation of all power tools.



•Do not attempt to assemble the building if parts are missing because any building left partially assembled may be seriously damaged by light winds.



•Do not attempt to assemble the building on a windy day, because the large panels acting as a "sail", can be whipped about by the wind making construction difficult and unsafe.



XA04

CARE & MAINTENANCE....

Finish: For long lasting finish, periodically clean and wax the exterior surface. Touch-up scratches as soon as you notice them on your unit. Immediately clean the area with a wire brush; wash it and apply touch-up paint per manufacturer's recommendation.

Roof: Keep roof clear of leaves and snow with long handled, soft-bristled broom. Heavy amounts of snow on roof can damage building making it unsafe to enter.

Doors: Always keep the door tracks clear of dirt and other debris that prevent them from sliding easily. Lubricate door track annually with furniture polish or silicone spray. Keep doors closed and locked to prevent wind damage.

Fasteners: Use all washers supplied to protect against weather infiltration and to protect the metal from being scratched by screws. Regularly check your building for loose screws, bolts, nuts, etc. and retighten them as necessary.

Moisture: A plastic sheet (vapor barrier) placed under the entire floor area with good ventilation will reduce condensation.

Other Tips....

- Wash off inked part numbers on coated panels with soap and water.
- Silicone caulking may be used for watertight seals throughout the building.

Do not store swimming pool chemicals in your building. Combustibles and corrosives must be stored in air tight approved containers.

Keep this Owner's Manual and Assembly Instructions for future reference.

Base

DK07

The Base For Your Building

OPTION 1: Wood Platform

If you decide to build your own base, be sure to select the appropriate materials.

These are the recommended materials for your base:

2 x 4's (38 mm x 89 mm) Pressure Treated Lumber

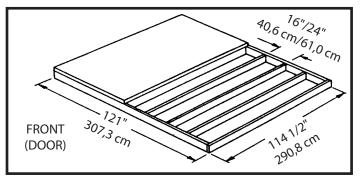
5/8" (15,5 mm) 4 x 8 (1220 mm x 2440 mm) Plywood-exterior grade NOTE: Pressure Treated Lumber <u>must not be used</u> where it will make contact with your storage building. The properties of Pressure Treated Lumber will cause accelerated corrosion. If Pressure Treated Lumber comes in contact with your storage building your warranty will be voided.

10 & 4 penny Galvanized Nails Concrete Blocks (optional)

The platform should be level and flat (free of bumps, ridges etc.) to provide good support for the building. The necessary materials may be obtained from your local lumber yard.

To construct the base follow instructions and diagram. Construct frame (using 10 penny galvanized nails) Measure 16"/24" (40,6 cm/61,0 cm) sections to construct inside frame (see diagram) Secure plywood to frame (using 4 penny galvanized nails)

Allow 6 - 7 hours for construction.



Note: Platform/Slab will extend 9/16" (1,4 cm) beyond floor frame on all four sides. Seal this 9/16" (1,4 cm) of wood with a roofing cement (not included), or bevel this 9/16" (1,4 cm) of concrete when pouring, for good water drainage.

OPTION 2: Concrete Slab

The slab should be at least 4" (10,2 cm) thick. It must be level and flat to provide good support for the frame.

The following are the recommended materials for your base.

1 x 4's (19 mm x 89 mm) (will be removed once the concrete cures) Concrete Sheet of 6 mil plastic

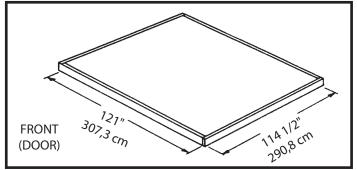
We recommend for a proper strength concrete to use a mix of:

1 part cement 3 parts pea sized gravel 2 1/2 parts clean sand

Prepare the Site/Construct a Base

- 1. Dig a square, 6" (15,2 cm) deep into the ground (remove grass).
- 2. Fill up to 4" (10,2 cm) in the square with gravel and tamp firm.
- 3. Cover gravel with a sheet of 6 mil plastic.
- 4. Construct a wood frame using four planks of 1x4 (19 mm x 89 mm) lumber.
- 5. Pour in concrete to fill in the hole and the frame giving a total of 4" (10,2 cm) thick concrete. Be sure surface is level.

Allow 3 - 5 hours for construction and a week for concrete curing time.



Note: Finished Slab dimensions, with lumber removed.

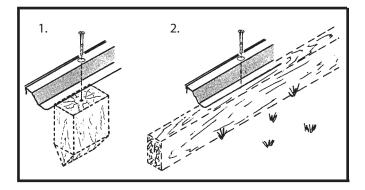
Anchoring

Anchoring Down The Building

It is important that the entire floor frame be anchored after the building is erected. Below are recommended ways of anchoring.

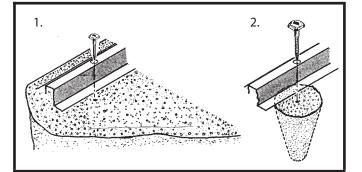
Anchoring into Wood/Post:

Use 1/4" (6 mm) Wood Screws. There are 1/4" (6 mm) dia. holes provided in the frames for proper anchoring.



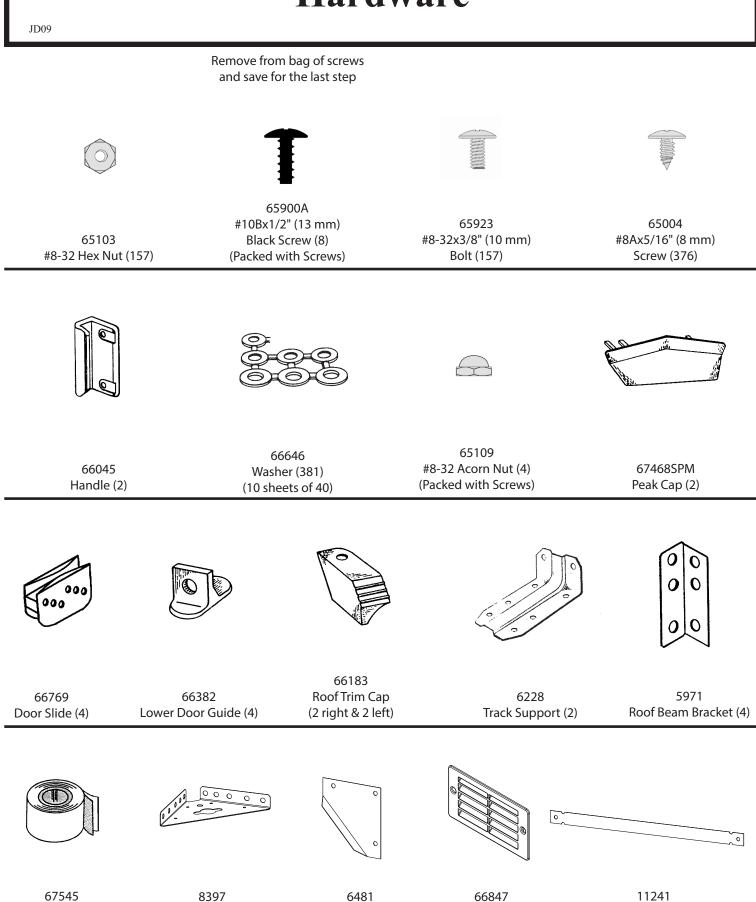
Anchoring into Concrete:

 For poured concrete slab or footing or patio blocks: Use 1/4" x 2" (6 mm x 51 mm) Lag Screws.
 For Anchor Post of Concrete poured after building is erected: Use 1/4" x 6" (6 mm x 152 mm) Lag Screws.



XA07

Hardware



Vent Gable (4)

Gusset Strap (2)

Gusset (2)

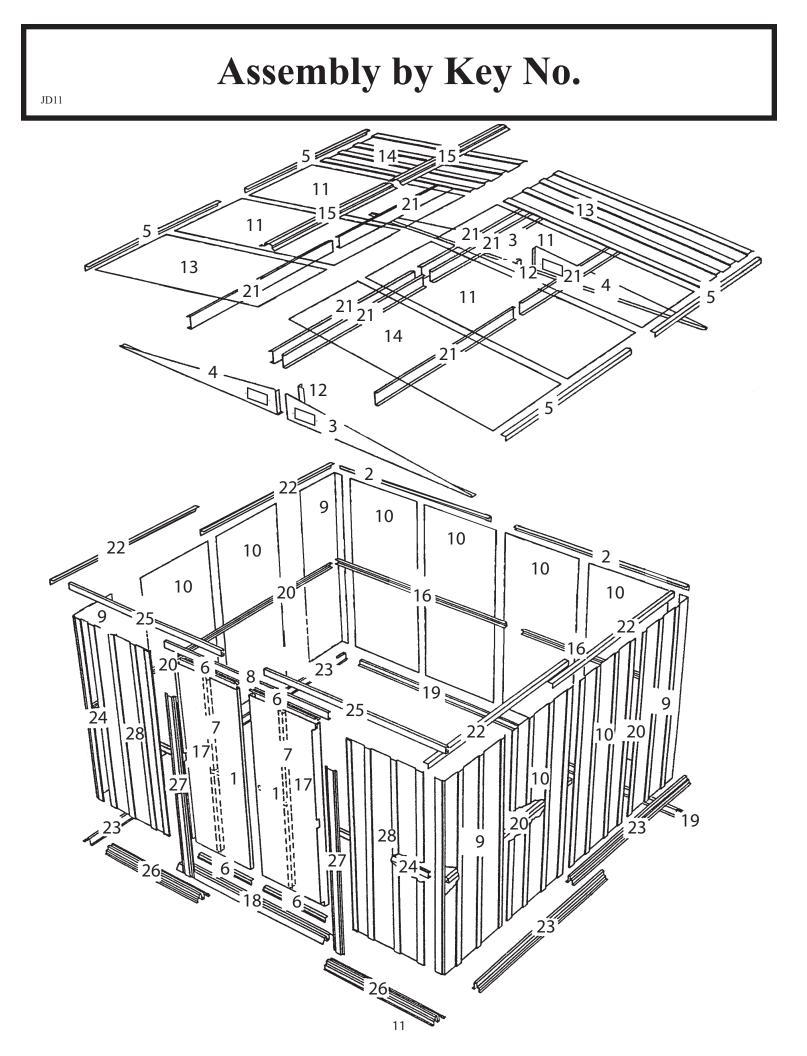
Weather Stripping (1)

Corner Brace (4)

Parts List

JD	1	0

Assembly	Part	Part	Quantity	Check
Key No.	Number	Description	in Carton	List
1	3719	Door Handle Brace	2	
2	5986	Rear Wall Angle	2	
3	11236	Right Gable	2	
4	80173	Left Gable	2	
5	6015	Side Roof Trim	4	
6	10497	Horizontal Door Brace	4	
7	6301	Vertical Door Brace	2	
8	6403	Door Track Splice	1	
9	6520	Corner Panel	4	
10	6521	Wall Panel	8	
11	6529	Roof Panel	4	
12	6635	Gable Brace	2	
13	6640	Right Roof Panel	2	
14	6641	Left Roof Panel	2	
15	6869	Ridge Cap	2	
16	9917	Rear Wall Channel	2	
17	10472	Right and Left Doors	2	
18	8934	Ramp	1	
19	8936	Rear Floor Frame	2	
20	9923	Side Wall Channel	4	
21	10518	Roof Beam	8	
22	9298	Side Wall Angle	4	
23	9299	Side Floor Frame	4	
24	9365	Front Wall Channel	2	
25	9366	Door Track	2	
26	9367	Front Floor Frame	2	
27	9371	Door Jamb	2	
28	9375	Front Wall Panel	2	
29	67521	Edge Trim	1	



Step 1

Parts Needed For Floor Frame Assemblies

8934 Ramp (1) 9367 Front Floor Frame (2) 8936 Rear Floor Frame (2) 9299 Side Floor Frame (4)

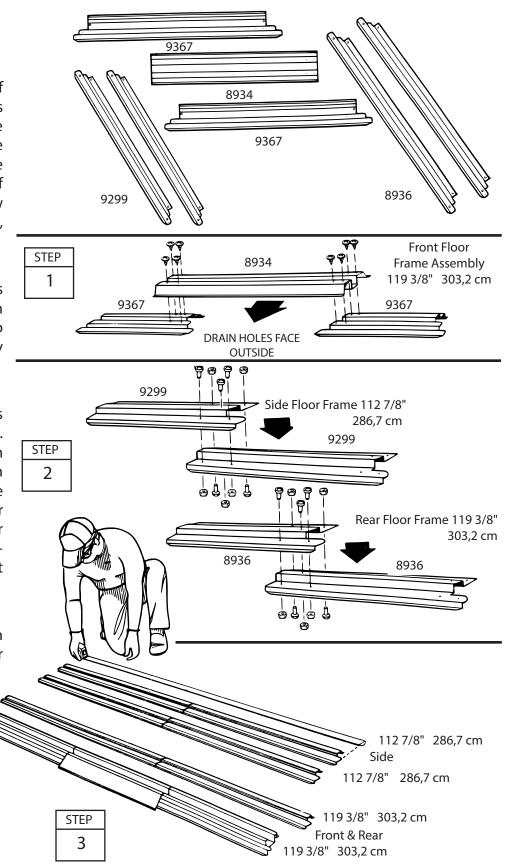


The front floor frame is made up of three pieces. The side floor frames and the rear floor frame are made up of two pieces. The holes in these pieces will align when the pieces are positioned with correct amount of overlap. The illustrations below show the proper overall length for the sides, rear and front. Proceed as follows:

1 Place the front floor frames as shown. Center the ramp, with drain holes facing outside, on top of the two front floor frames. Join the frames by inserting eight screws.

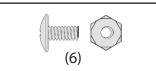
2 Overlap the side floor frames and the rear floor frames as shown. The holes in these pieces will align when the pieces are positioned with correct amount of overlap. See the illustrations below for the proper overall length of the side and rear floor frames. Join the frames by inserting five bolts into each frame set as shown.

3 Double check the length of each and set these pieces aside for later use.



Parts Needed For Frame Assemblies

5986 Rear Wall Angle (2) 9917 Rear Wall Channel (2) 9923 Side Wall Channel (4) 9298 Side Wall Angle (4)



The main frame pieces reinforce the walls. These pieces will later be installed in the center and at the top edge of the side walls and the rear wall. Proceed as follows:

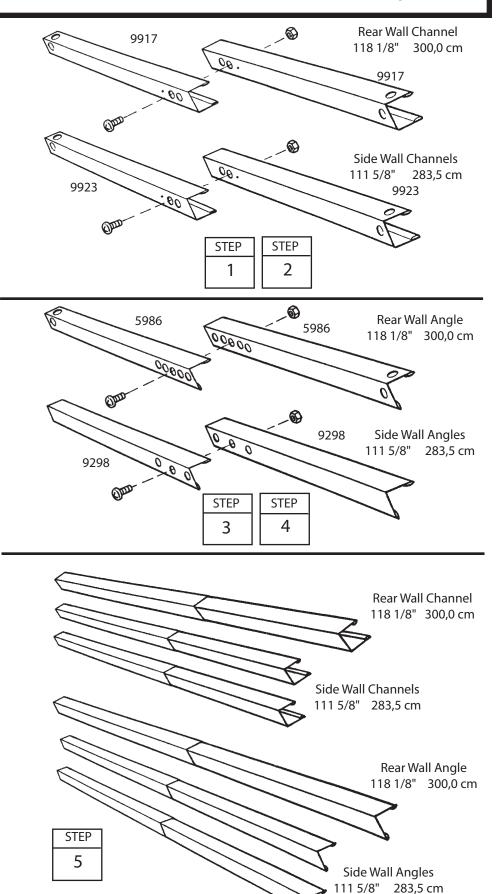
1 Overlap the rear wall channel pieces as shown in the figure and fasten the two pieces together with one bolt in the center hole (three holes will align).

2 Make two side wall channels by overlapping the side wall channel pieces as shown. Fasten each set together with one bolt in the center hole of each set.

3 Overlap the rear wall angle pieces as shown in the figure and fasten them together with one bolt in the center hole.

4 Make two side wall angles by overlapping the side wall angle pieces as shown. Fasten each set together with one bolt in the center hole.

5 Double check the length of each and set these pieces aside for later use.



Parts Needed For **Roof Beam Assemblies**

(30)

Step 3

The roof beams join the two gables and support the roof panels. The main roof beam is made up of four pieces overlapped back to back at the center. The left and right roof beam assemblies are made up of two pieces.

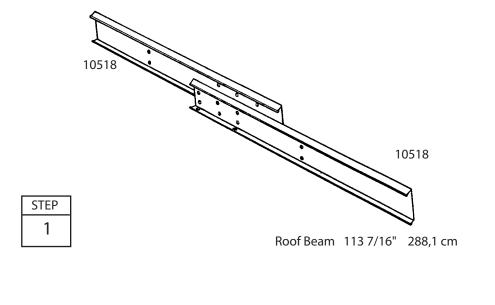
Hint: These pieces are force-fitted, so you may have to press hard to join them together.

1 Place the end of one roof beam inside a second roof beam so that the six holes in each piece align. Make four sets of roof beams by repeating this procedure. Do not insert bolts yet.

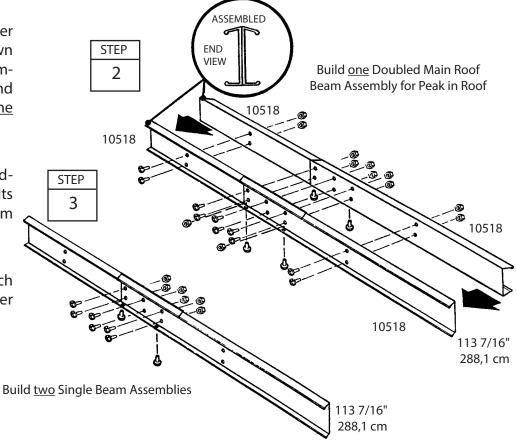
2 Take two of the pressed-together roof beams and join them as shown to form the main roof beam assembly. Hold the assembly together and fasten with 14 bolts. Build only one Doubled Beam Assembly.

3 Fasten the other two pressedtogether roof beams with eight bolts to make the left and right roof beam assemblies.

4 Double check the length of each and set these pieces aside for later use.



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Parts Needed For **Door Track Assembly**

6403 Door Track Splice (1) 9366 Door Track (2)

The door track assembly supports the sliding doors and reinforces the front wall. It is made up of three pieces.

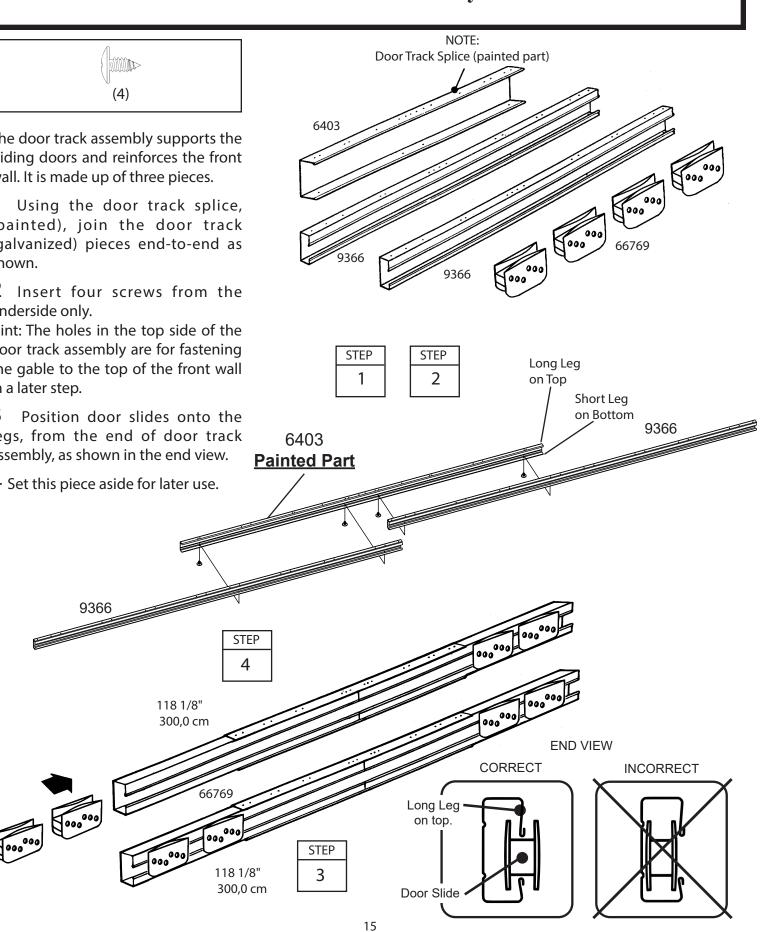
1 Using the door track splice, (painted), join the door track (galvanized) pieces end-to-end as shown.

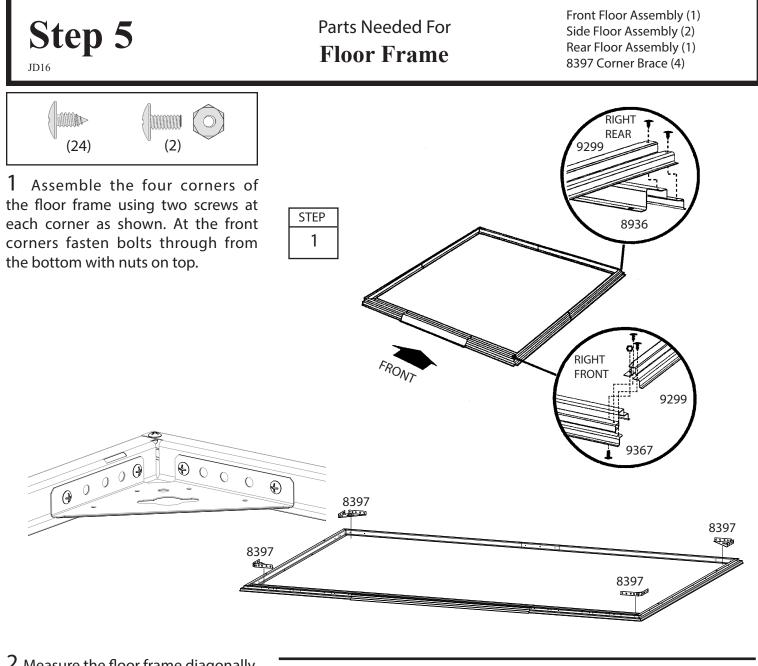
2 Insert four screws from the underside only.

Hint: The holes in the top side of the door track assembly are for fastening the gable to the top of the front wall in a later step.

3 Position door slides onto the legs, from the end of door track assembly, as shown in the end view.

4 Set this piece aside for later use.





2 Measure the floor frame diagonally. When the diagonal measurements are equal, the floor frame is square.

NOTE

If using a wood platform or concrete slab do not fasten the floor frames to your base at this time. You will anchor the building after it is erected.

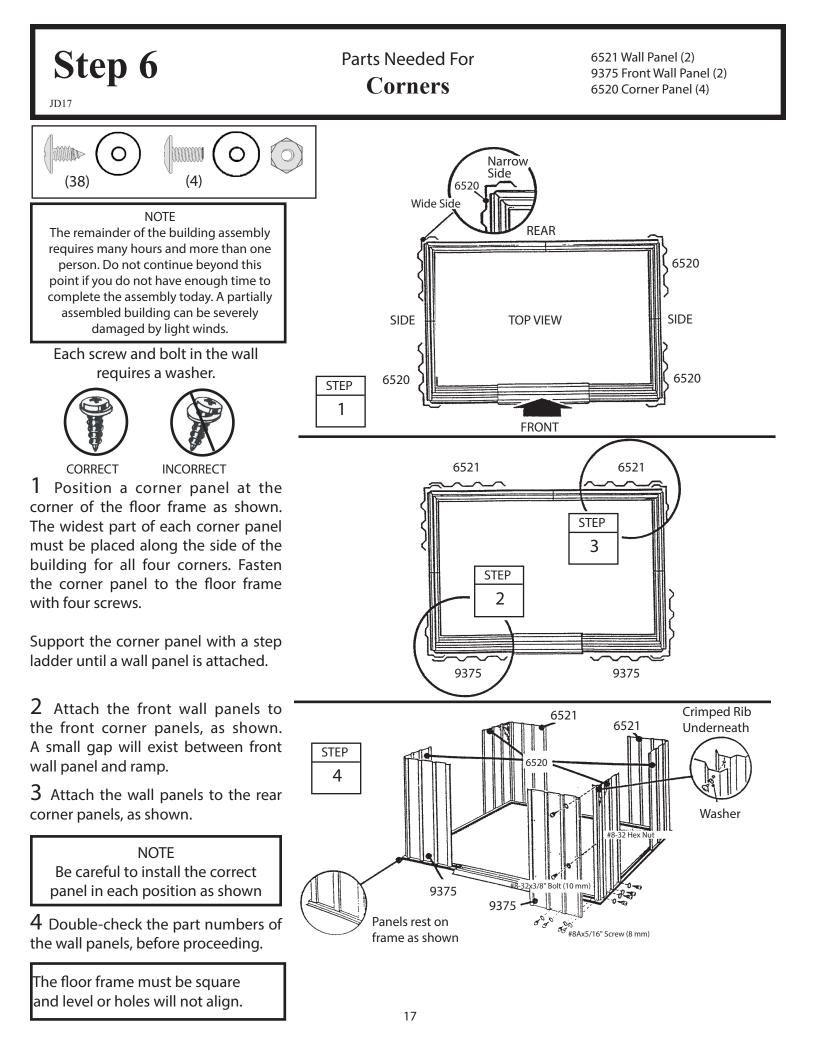
The floor frame must be square and level or holes will not align.

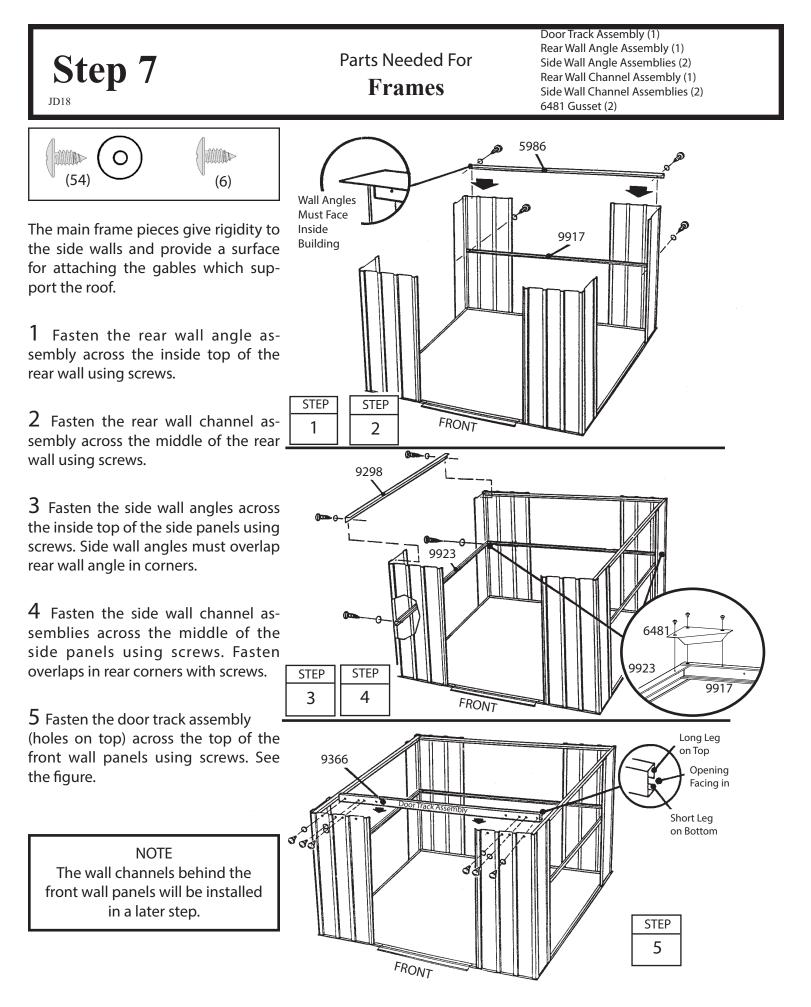
When Diagonal Measurements are Equal the Floor Frame is Square.

Level

STEP

2

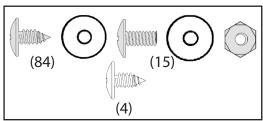




JD19

Parts Needed For Wall Panels

6521 Wall Panel (6) 11241 Gusset Strap (2) 67521 Edge Trim (1)



Each wall panel has a crimped rib on one side. The crimped rib should go under the rib of the panel that follows it.

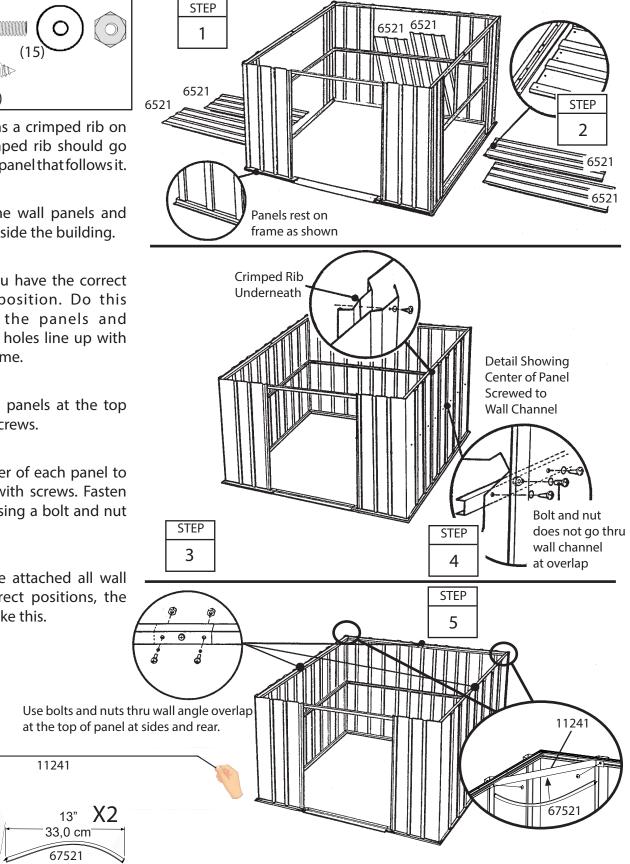
1 Locate all of the wall panels and set each one alongside the building.

2 Be sure that you have the correct panels in each position. Do this by overlapping the panels and determining if the holes line up with the holes in the frame.

3 Fasten the wall panels at the top and bottom with screws.

4 Fasten the center of each panel to the wall channel with screws. Fasten overlapping ribs using a bolt and nut with two screws.

5 When you have attached all wall panels in the correct positions, the building will look like this.

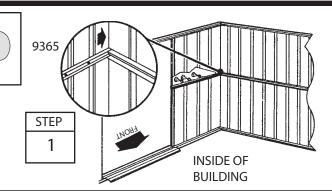


Step 9 JD20

Parts Needed For Front Channel/Door Jamb

9371 Door Jamb (2) 9365 Front Wall Channel (2)

The door jambs reinforce the door opening and provide an attractive trim. Follow these steps for both door jambs.



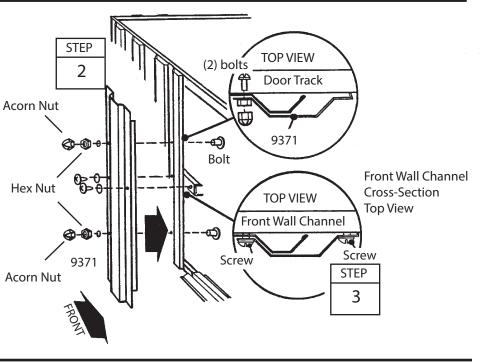
1 Fasten the front wall channels in their positions between the end of the side wall channel and the corner panel using screws. Do not put a screw in the hole at the end behind the door opening at this time.

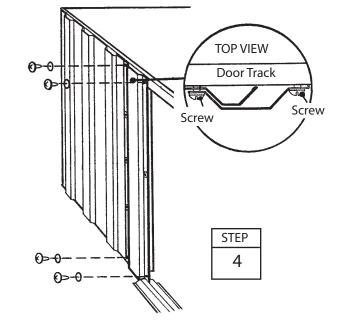
2 Fasten a door jamb to the front panel with two bolts, nuts and acorn nuts, as shown.

3 Fasten the center of the door jamb to the front wall panel and the front wall channel with two screws.

4 Fasten the top of the door jamb to the door track with two screws. Do the same for the bottom into frame.

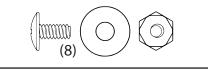
Repeat steps 2 through 4 for the opposite door jamb.





Parts Needed For Gable Assemblies

11236 Right Gable (2) 80173 Left Gable (2) 5971 Roof Beam Bracket (4)



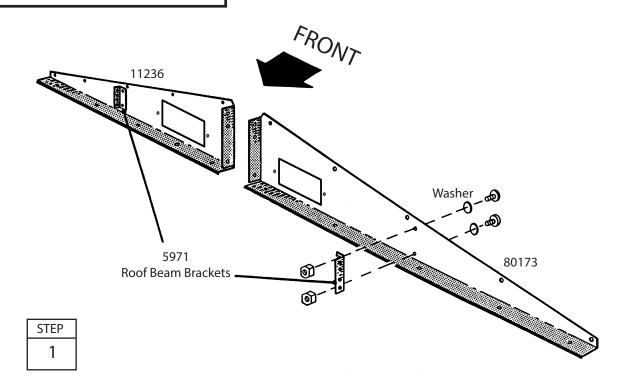
The gables go on top of the front and rear walls to support the roof beams.

NOTE The gables are packed nested together and might be mistaken as one piece. Carefully separate them before continuing.

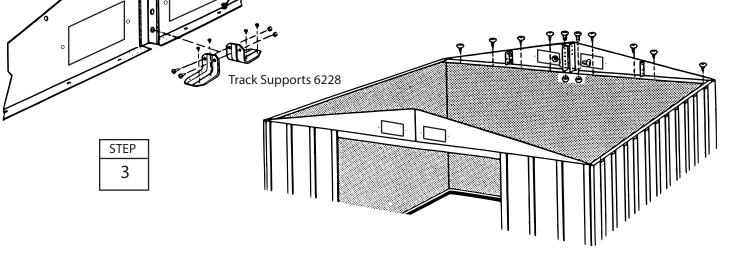
1 Attach the four roof beam brackets to the gables using two bolts, washers and nuts.

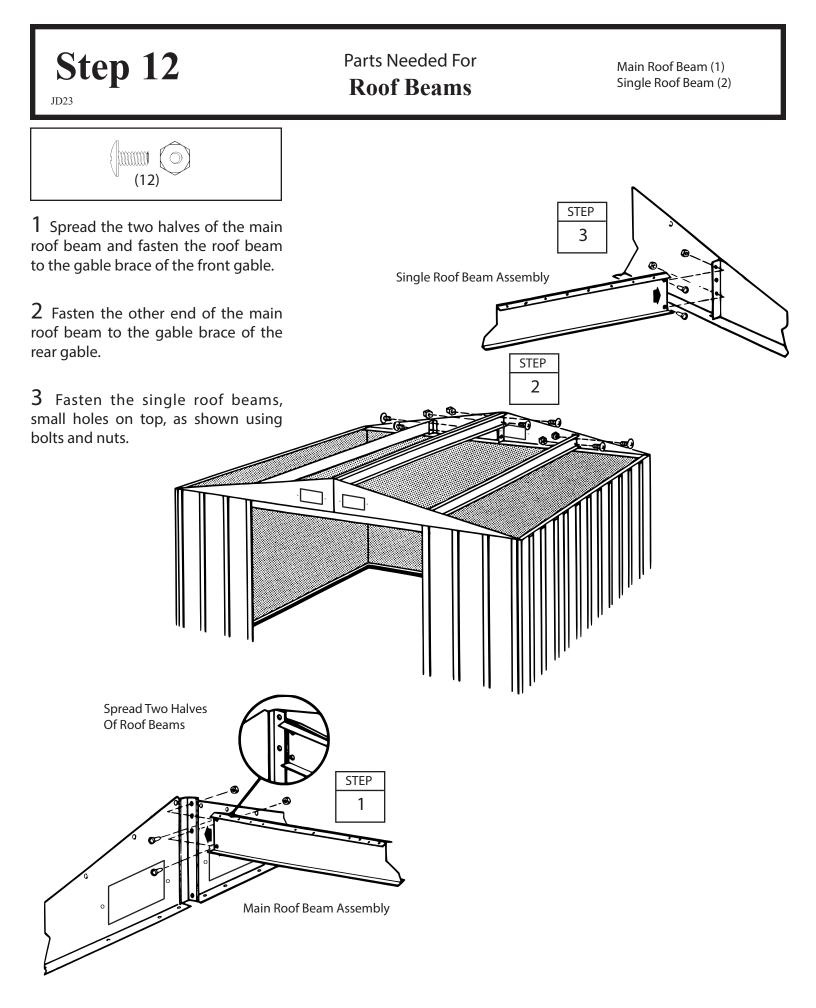
NOTE

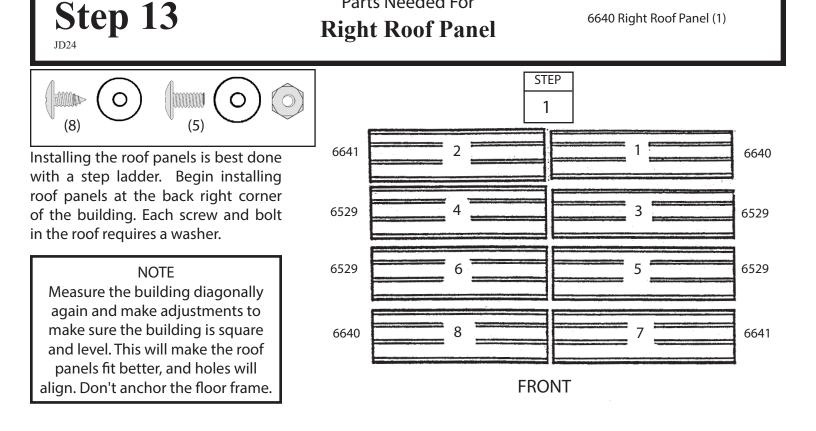
Mounting leg of bracket must face toward center of gable and holes closest together must be on top



Step 11 Left Gable Assemblies (2) Parts Needed For Right Gable Assemblies (2) **Gables/Braces** 6635 Gable Brace (2) JD22 10000 (20) (5) 1 Lift and fasten a right and left gable, under angle at corner, to the door track and rear wall angle with screws. Hint: On the rear gable, use a bolt and nut at the overlapping rear wall angle. On the front gable, leave out 2 screws closest to center gable leg. 2 Join the left and right gables together with a gable brace using a bolt and nut in the bottom hole only. **3** Repeat Steps 1 & 2 for the door STEP track on the front of building, except 1 for the track supports, fasten as Gable shown. 6635 Gable Brace STEP 2





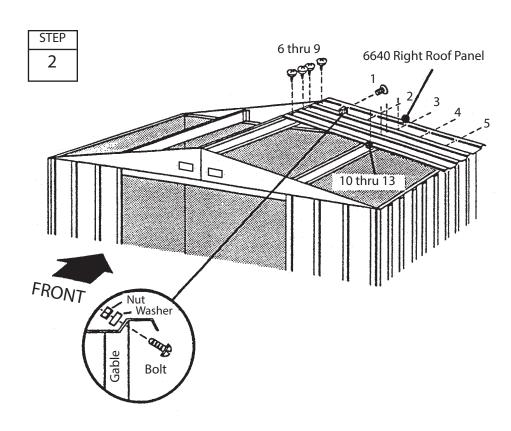


Parts Needed For

1 Locate all the roof panels by their numbers and place them on the ground alongside the building in their proper positions.

2 Position a right roof panel at the back right corner and fasten to the gable and roof beams using screws and bolts and nuts as shown. Do not fasten the lower end of the panels to the side wall angles at this time.

Hint: Follow the fastener sequence shown, for proper alignment.



Step 14 JD25

Parts Needed For **Roof Assembly**

6641 Left Roof Panel (1) 6529 Roof Panel (4)

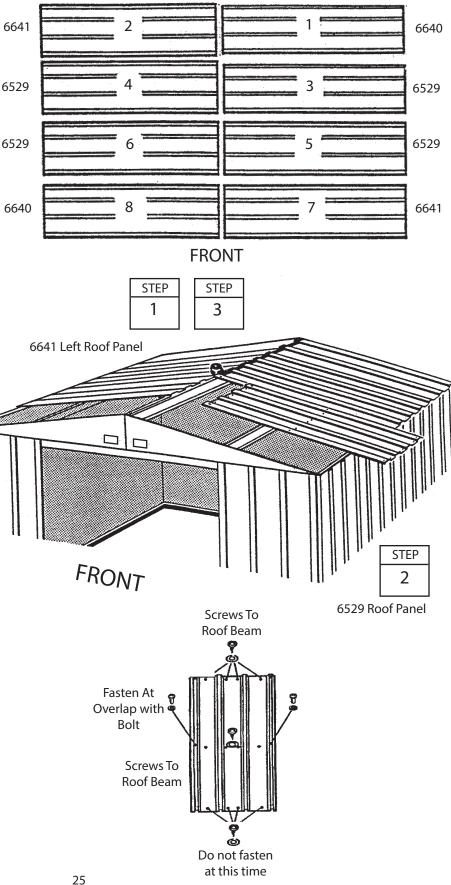
1 Install a left roof panel at the left rear corner of the roof.

2 Install 4 roof panels in the sequence and positions shown. Follow fastener sequence and instructions in Steps 13 thru 15 while fastening roof panels.

NOTE Narrow roof panel rib (with bead on it) is always overlapped by wide rib of adjacent panel

3 Cover the joint at the peak with weather stripping tape. Unroll the tape and press it down over the opening at the ridge as you install each roof panel. Do not cut the tape at this time.

NOTE If roof beam holes do not line up with the 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 15

JD26

Parts Needed For Ridge Caps & Panels

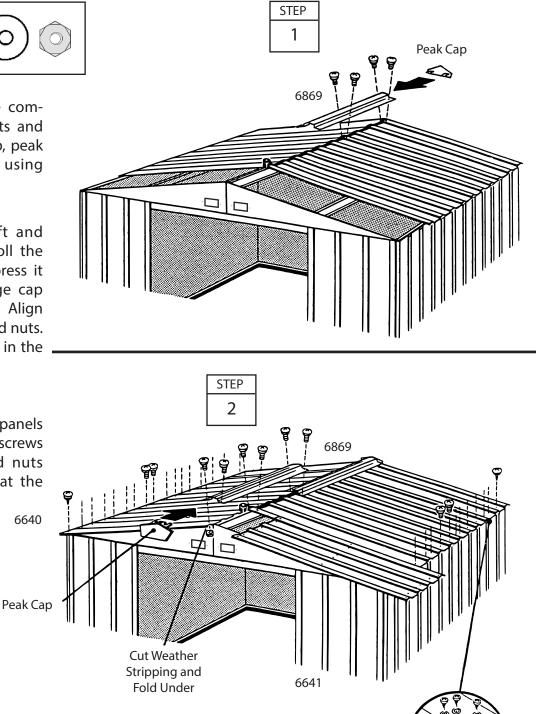
6869 Ridge Cap (2) 6641 Left Roof Panel (1) 6640 Right Roof Panel (1)



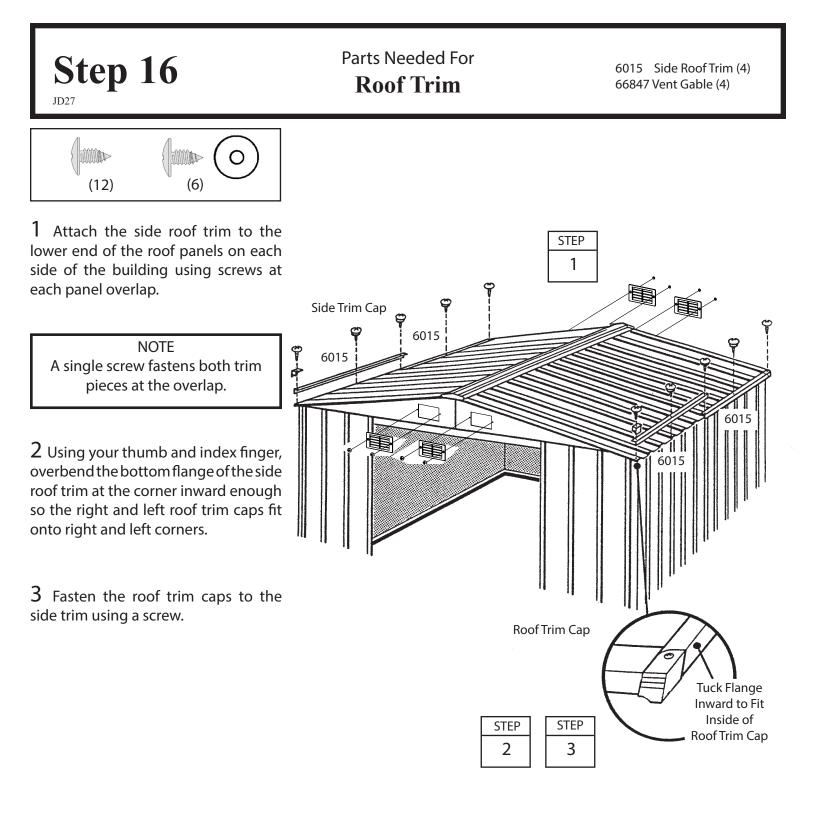
1 Install 1 ridge cap on the completed roof section using bolts and nuts. Fasten the roof panel rib, peak cap and ridge cap together using bolts and nuts.

2 Fasten the remaining left and right roof panels as you unroll the weather stripping tape, and press it down, install the second ridge cap overlapping the first ridge cap. Align holes and fasten using bolts and nuts. Fasten the remaining peak cap in the same manner.

3 Fasten the lower end of the panels to the side wall angles using screws and washers. Use bolts and nuts through wall angle overlaps at the bottom of the panel.

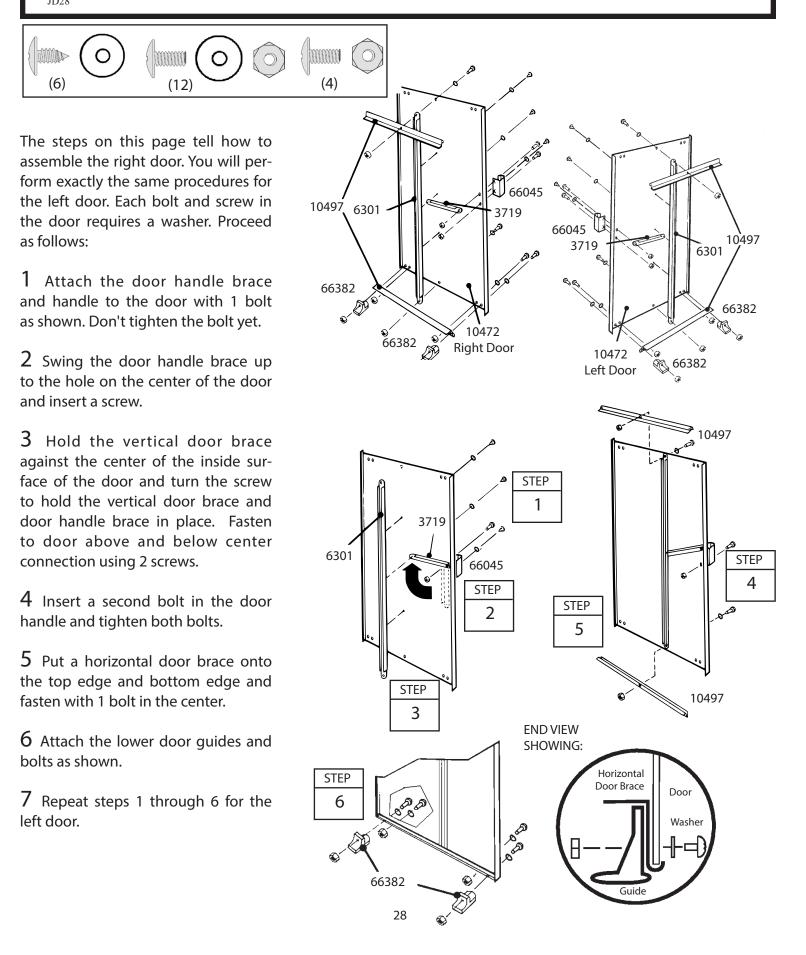


STEP



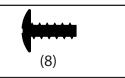
Parts Needed For **Door Assembly**

3719 Door Handle Brace (2)
10472 Right and Left Doors (2)
10497 Horizontal Door Brace (4)
6301 Vertical Door Brace (2)



Parts Needed For Door Installation & Adjustment

Right Door Assembly (1) Left Door Assembly (1)



Step 18

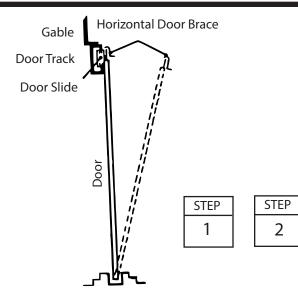
1 From inside the building, put the bottom of the right door assembly (on your left when you are inside the building) behind door jamb into the front frame track.

2 Position the top of the door so that the holes in the door line up with the holes in the door slides.

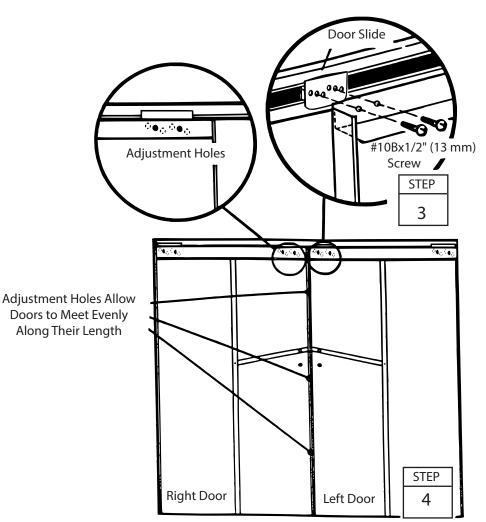
3 Fasten the door to the door slides using two #10Bx1/2" (13 mm) screws per door slide.

NOTE The holes in the door slides allow you to adjust the doors. Place the door in the middle holes.

4 Repeat steps 1 through 3 for the left door.







Keep this Owner's Manual and Assembly Instructions for future reference.

XA35

SOME FACTS ABOUT RUST

SOME FACTS ABOUT RUST

Rusting is a natural oxidizing process that occurs when bare metal is exposed to moisture. Problem areas include screw holes, unfinished edges, or where scrapes and nicks occur in the protective coating through normal assembly, handling and use. Identifying these natural rusting problem areas and taking some simple rust protection precautions can help to stop rust from developing, or stop it quickly as soon as it appears. 1. Avoid nicking or scraping the coating surface, inside and out.

2. Use <u>all</u> the washers supplied. In addition to protecting against weather infiltration, the washers protect the metal from being scraped by the screws.

3. Keep roof, base perimeter and door tracks free of debris and leaves which may accumulate and retain moisture. These can do double damage since they give off acid as they decay.

4. Touch up scrapes or nicks and any area of visible rust as soon as possible. Make sure the surface is free of moisture, oils, dirt or grime and then apply an even film of high quality touch-up paint.

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Anchoring

Anchoring

Anchor your building at this time.