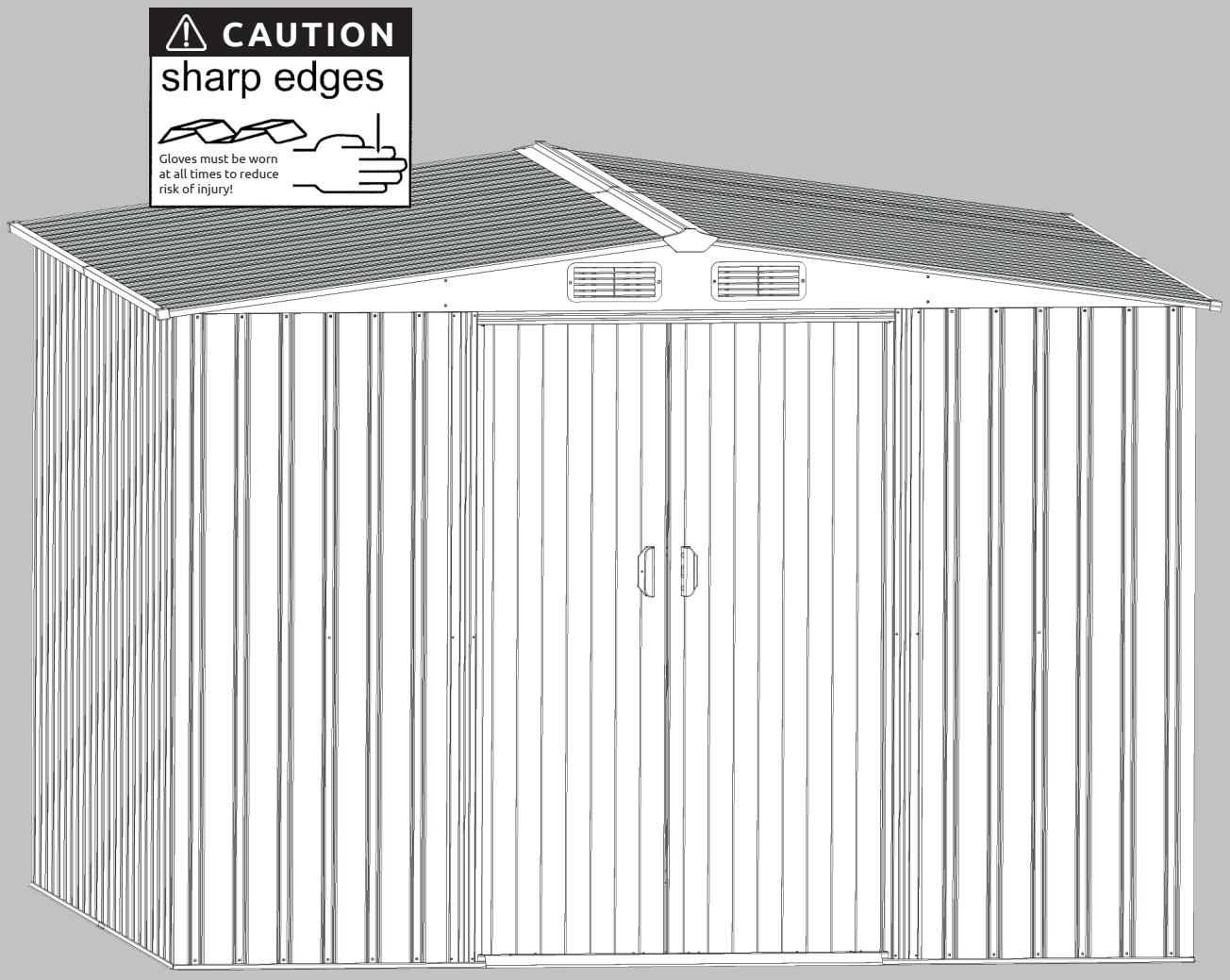
METAL GARDEN SHED 8X6ft

Instructions For Assembly



Requires Two People And Takes 2-3 Hours For Installation

How to Select and Prepare Your Building Site:

- Before you start to assemble your building, you will want to decide on a good location. The best location is a level area with good drainage.
- Allow enough working space so it is not difficult to move parts into position for assembly. Be sure there will be enough space at the entrance for the doors to completely open. There needs to be enough space outside the building to be able to fasten the panel screws from the outside.
- Before assembling any parts, your base should be constructed and an anchoring system should be ready to use.

Assembly Tips & Tools

Watch the Weather Closely:

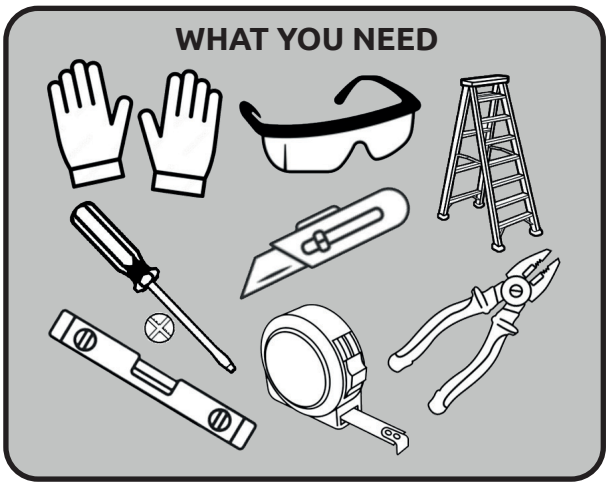
Be sure the day you choose to install your building is dry and calm. Do NOT attempt to assemble your building on a windy day. Be careful on wet or muddy ground.

Use Teamwork:

Whenever possible, two or more people should work together to assemble your building. One person can hold the parts or panels in place while the other person fastens them together and handles the tools. This makes the process of assembling your building faster and safer.

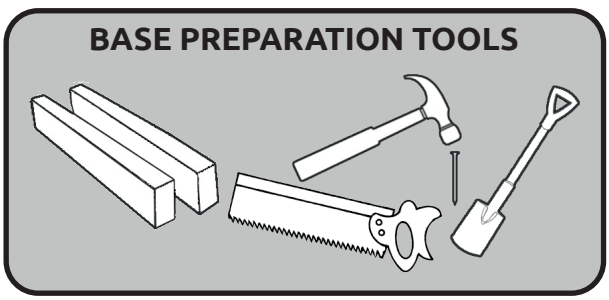
Tools and Materials:

Here is a list of some basic tools and materials you will need to assemble your building. Decide which method of anchoring and the type of base you will use to make a complete list of the materials you will need.



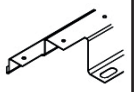
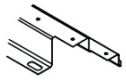
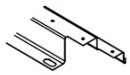
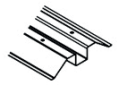
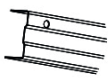
- Work Gloves
- Safety Glasses
- Step Ladder
- No. 2 Phillips Screwdriver (Magnetic Tip Preferred)
- Utility Knife or Scissors
- Pliers
- Carpenter's Level
- Tape Measure

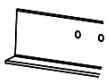
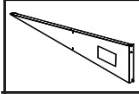
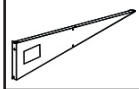
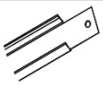
- Power Drill (Cordless, Variable Speed)
- Nut Driver or Wrench
- Square
- String (for squaring the frame)
- Awl (to align holes)

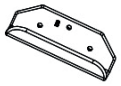
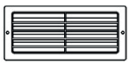
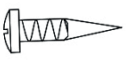


- Lumber and / or Concrete
- Hammer and Nails
- Spade or Shovel
- Hand Saw or Power Saw

Parts List

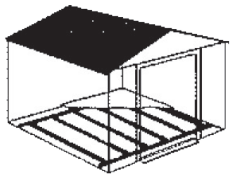
PART	NO.	QTY.
	1	2
	2	2
	3L	1
	3R	1
	4L	1
	4R	1
	5	1
	6	1
	7	1
	8	1
	9	2
	10L	1
	10R	1
	11	2
	13	4
	14	4
	15	2
	16	2
	17	2

PART	NO.	QTY.
	18	2
	19	2
	20	4
	21L	2
	25R	2
	25L	1
	25R	1
	27	2
	P1	2
	P2	4
	P3	12
	P4	2
	P5	4
	P6	4
	P7	2
	D1	1
	D2	1
	B1	8
	G2	4

PART	NO.	QTY.
	GB	2
	GC	4
	GD	4
	GE	2
	GF	4
	S1	170
	S2	319
	F1	303
	F2	94
	F3	8
	K	1

Constructing A Base

OPTION 1: Wood Platform



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

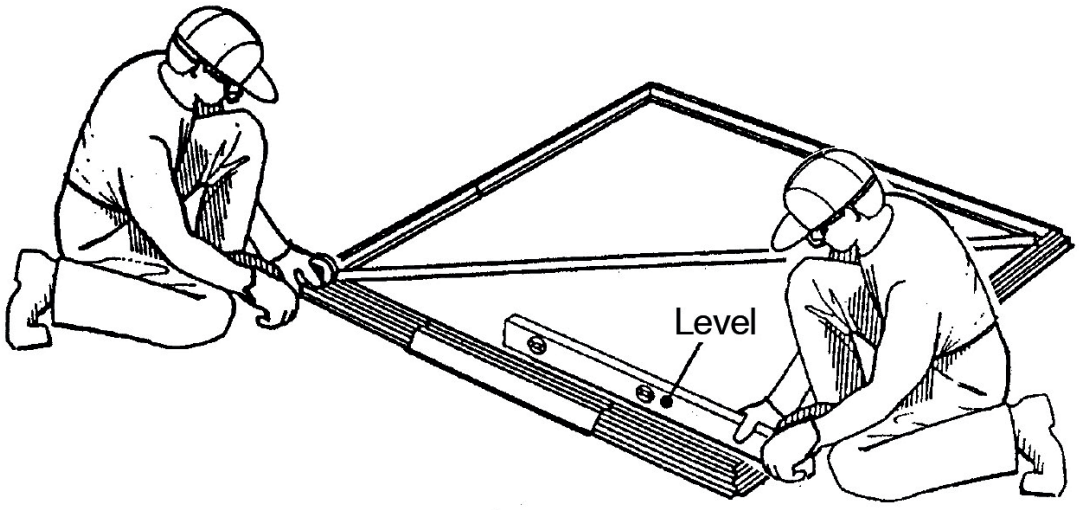
These are the recommended materials for your base:
- Pressure Treated Lumber
- Plywood-exterior grade
- 10 & 4 penny Galvanized Nails
- Concrete Blocks (optional)

NOTE: Pressure Treated Lumber must not be used 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.**

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 sections to construct
Secure plywood to frame (using 4 penny galvanized nails)

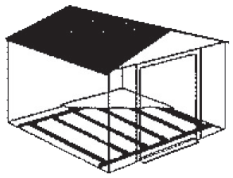
Allow 6 -7 hours for construction.

When diagonal measurements are equal the floor frame is square.



Constructing A Base

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.

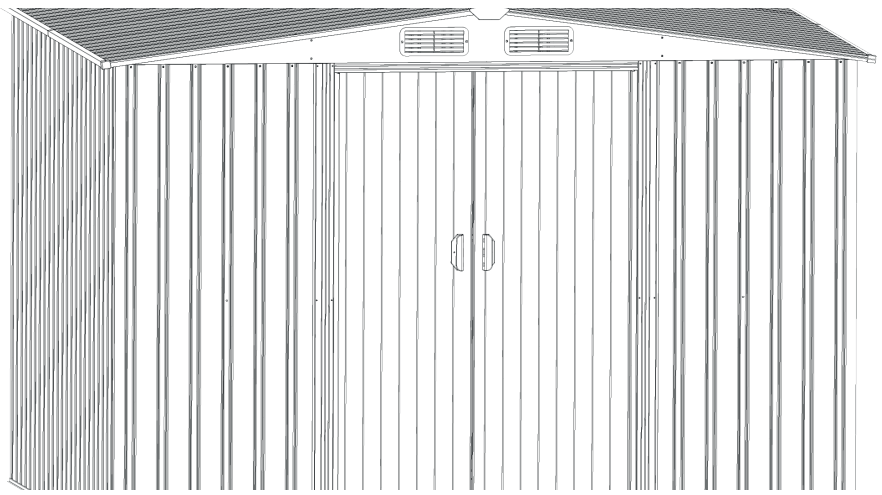
- Concrete
- Sheet of 6 mil plastic
- We recommend for a proper strength concrete to use a mix of:
- 1 part cement
- 3 parts pea sized gravel
- 2 1 /2 parts clean sand

Prepare the Site/Construct a Base

1. Dig a square, 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 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.

Assembly Overview



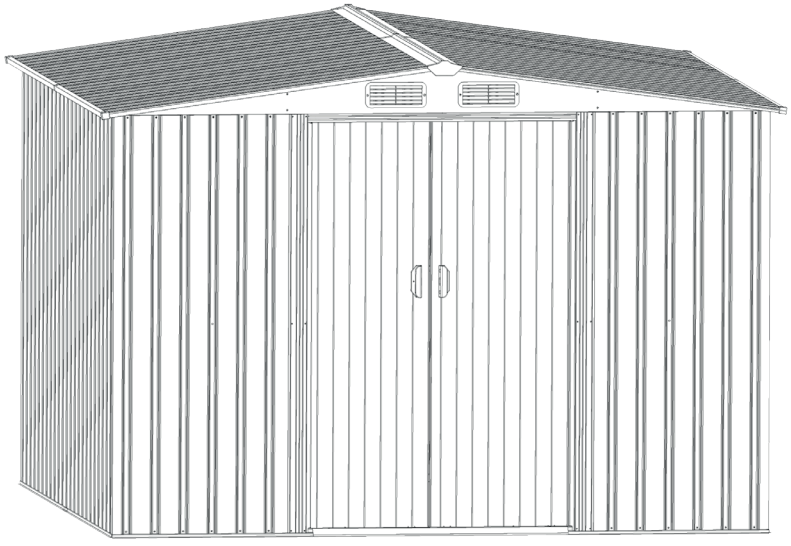
Install The Doors And You Have a Finished Shed

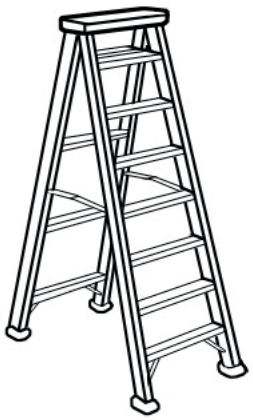
IMPORTANT NOTE ON ANCHORING

- Your building MUST be anchored to prevent wind damage. An anchoring kit is not supplied with your building and you have many options when it comes to anchoring.

- You must also have a temporary anchoring system in place in case you need to take a break from assembly.

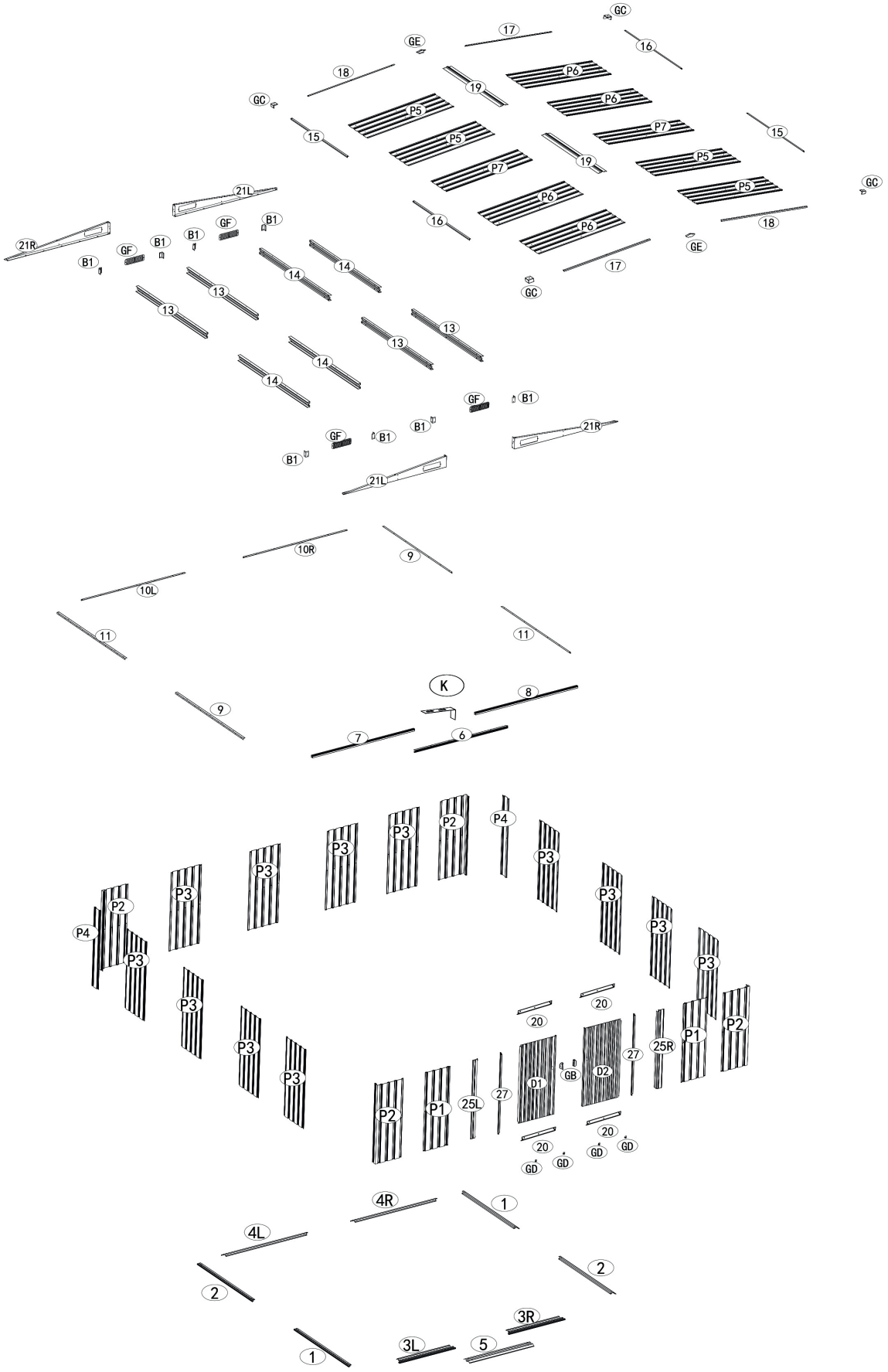
Don't Focus Weight On Roof!





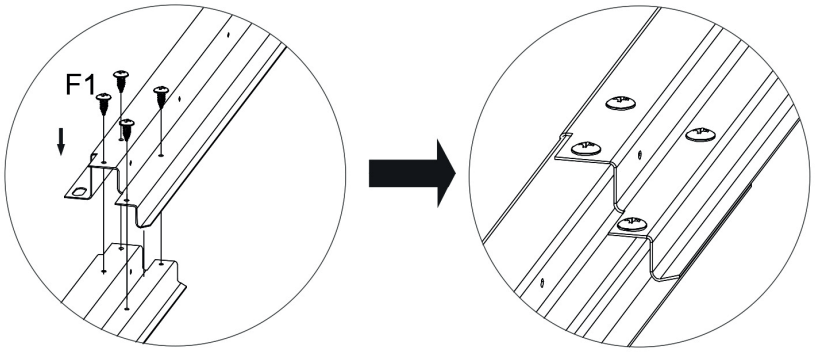
NEVER concentrate your weight on the roof of the building. When using a step ladder make sure that it is fully open and on even ground before climbing on it.

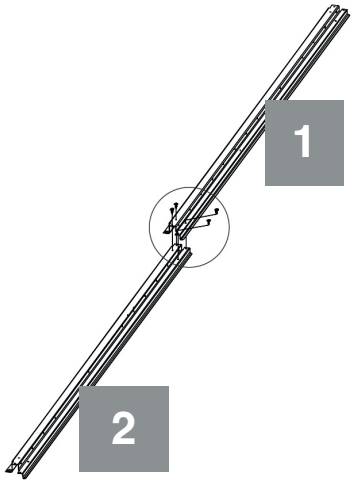
Assembly By Key No



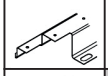
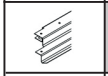
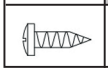
Step 1: Floor Frames

Build The Floor Frame



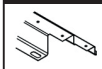
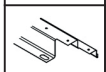
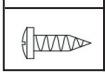


Parts You Will Need...

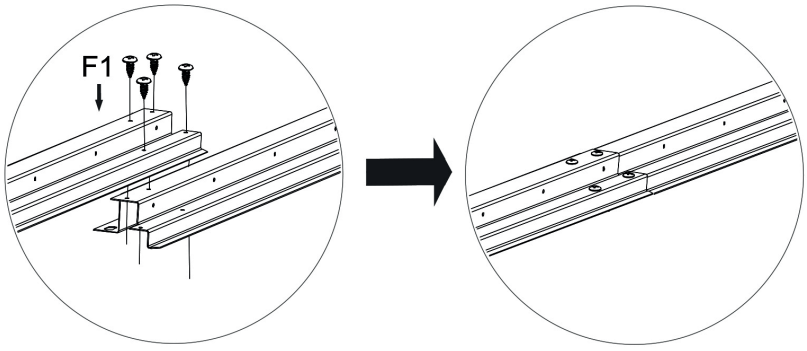
PART	NO.	QTY.
	1	2
	2	2
	F1	4

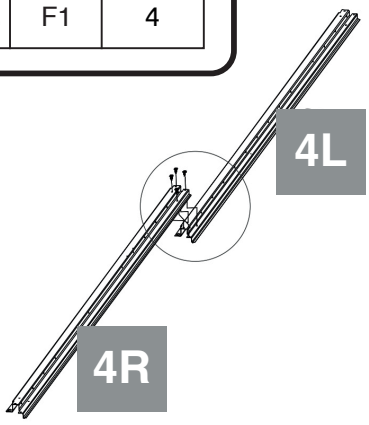
1 Overlap two side Floor Frames Part 1 and Part 2 as shown, and secure with four F1 Screws. Place in location holes on the frames.

Parts You Will Need...

PART	NO.	QTY.
	4L	1
	4R	1
	F1	4

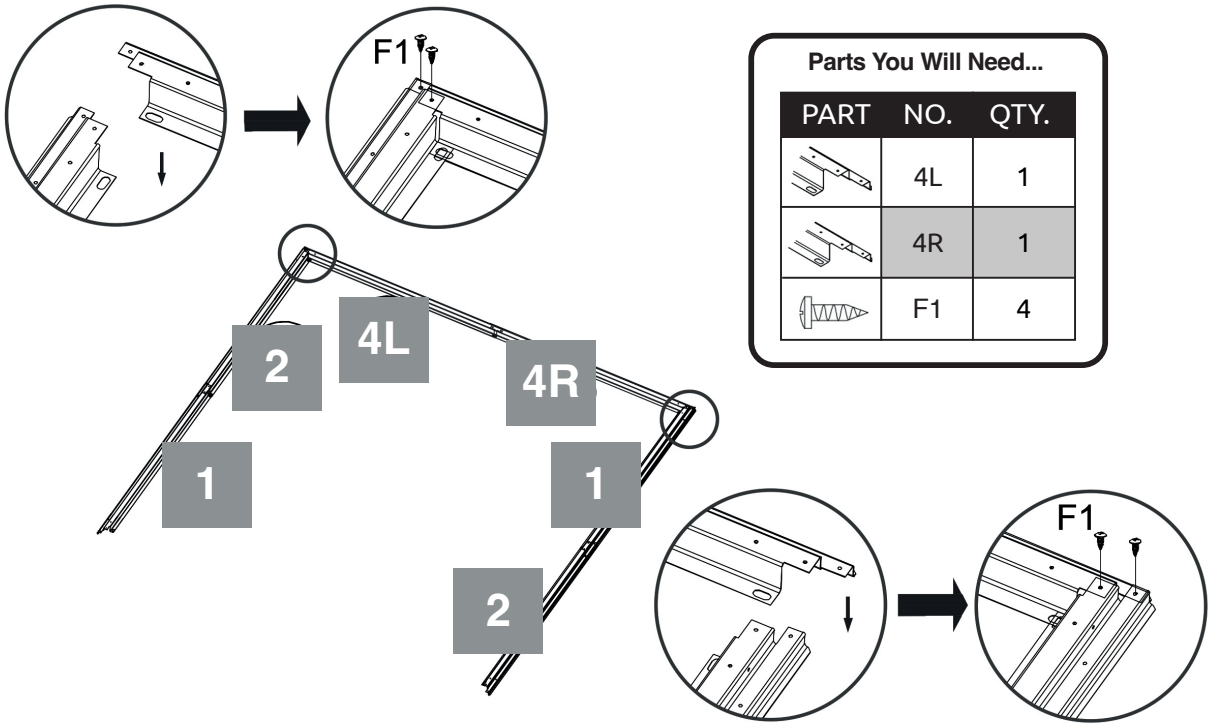
2 Assemble a second Side Floor Frame Assembly Part 4L and Part 4R, and secure with four F1 Screws.





Step 1: Floor Frames

3 Overlap Floor frames Part 4L and Part 4R and join with four F1 screws.Then join 4R to frame 2 & 1, Then join the corners with two F1 screws.

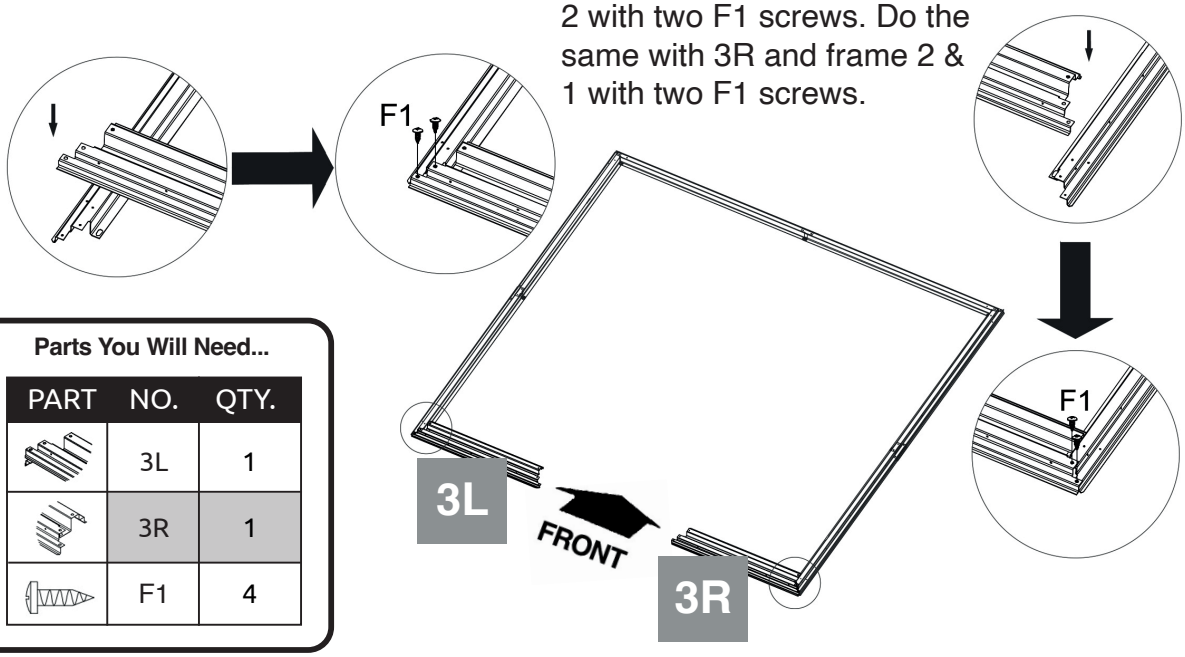


Parts You Will Need...

PART	NO.	QTY.
	4L	1
	4R	1
	F1	4

4 Overlap Floor frames 4R and frame 1 & 2, Then join the corners with two F1 screws.

Join the corners of 3L & 1 & 2 with two F1 screws. Do the same with 3R and frame 2 & 1 with two F1 screws.



Parts You Will Need...

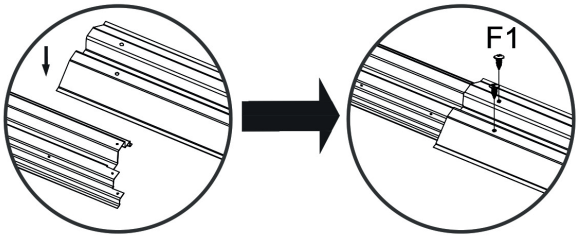
PART	NO.	QTY.
	3L	1
	3R	1
	F1	4

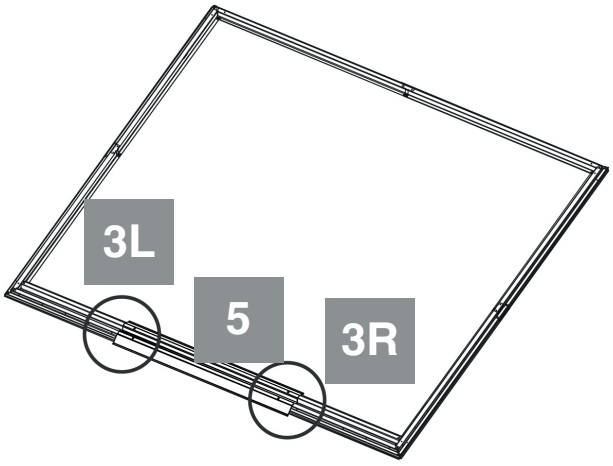
Step 1: Floor Frames

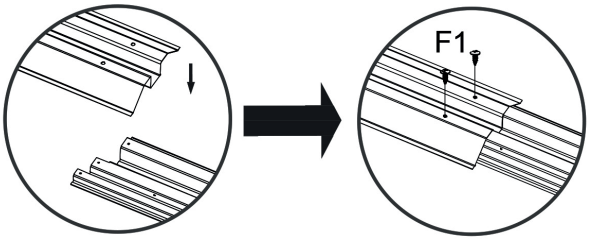
Parts You Will Need...

PART	NO.	QTY.
	5	1
	S2	4

5 Put in place door ramp 5 then join to frames 3R and frame 3R, join them together with four F1 screws.





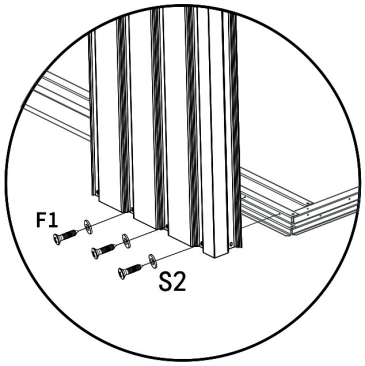


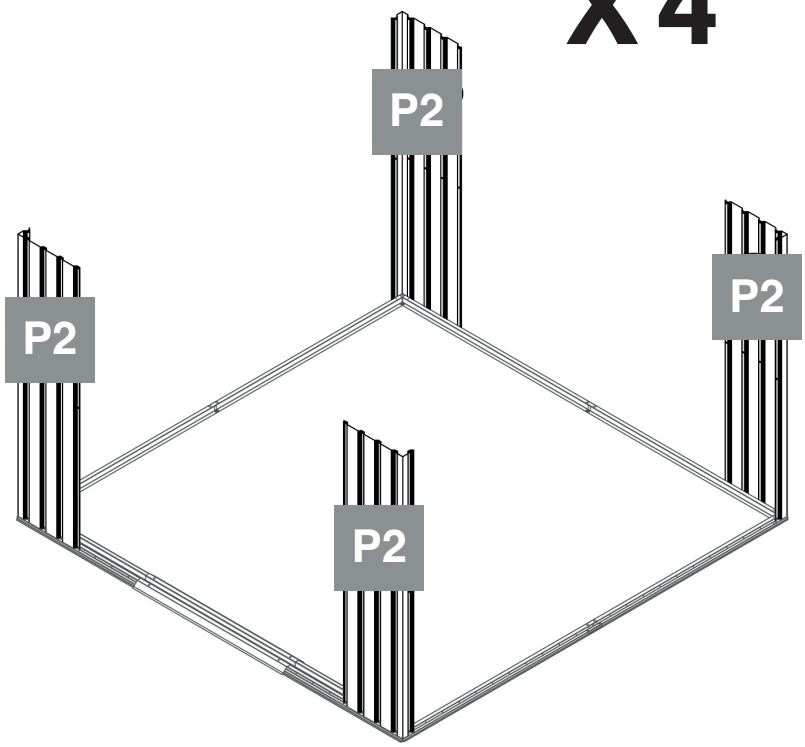
Parts You Will Need...

PART	NO.	QTY.
	S2	12
	P2	4
	F1	12

6 Stand corner panels parts P2 horizontally, then fix to corner floor frames using three F1 screws and S2 washers.

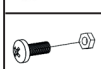
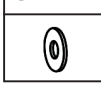
X 4



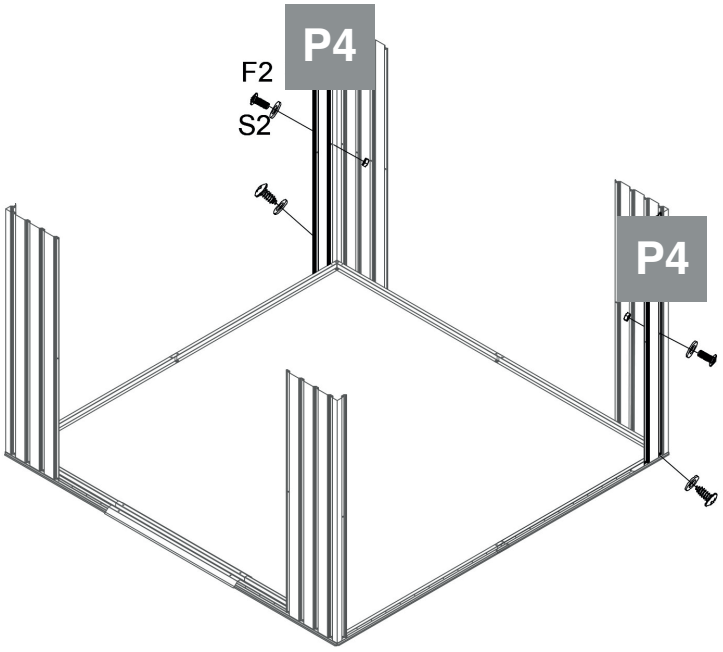


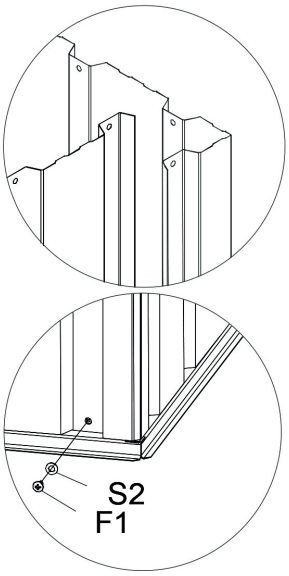
Step 2: Corner Assembly

Parts You Will Need...

PART	NO.	QTY.
	P4	2
	F1	2
	F2	2
	S2	2

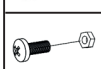
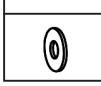
7 Stand panel P2 horizontally, then secure to corner base frame using one F1 screw. Also at mid-point screw in a F2 nut and bolt, ready to join middle frame.

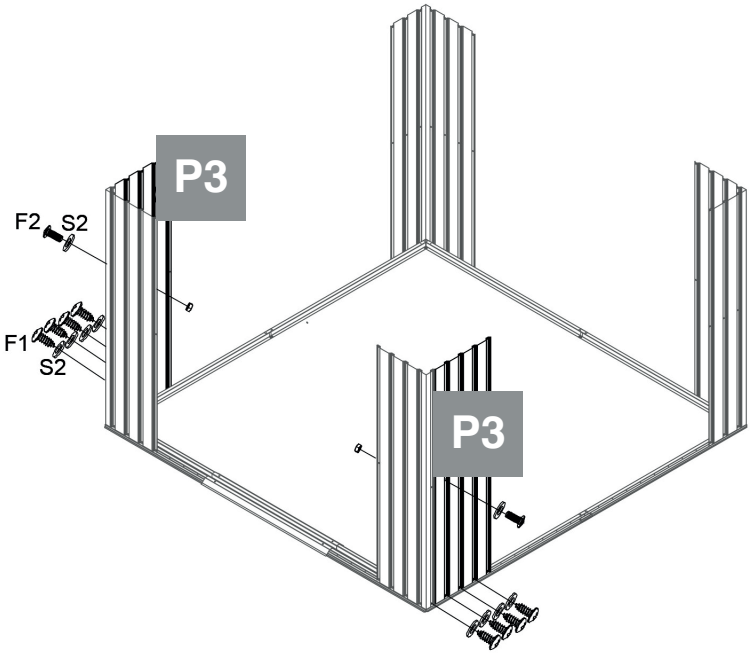




8 Assemble the remaining P2 panels at each corner horizontally. Repeat the same process mentioned above.

Parts You Will Need...

PART	NO.	QTY.
	P3	2
	F1	8
	F2	2
	S2	10



9 Assemble the P3 side panels at each corner horizontally. Fix to base frame with 4 F2 screws and 4 S2 washers. Secure P3 panel to P4 panel with F2 nuts and bolts.

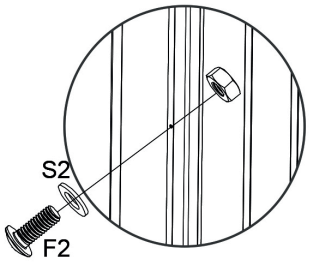
Step 3: Wall Assembly

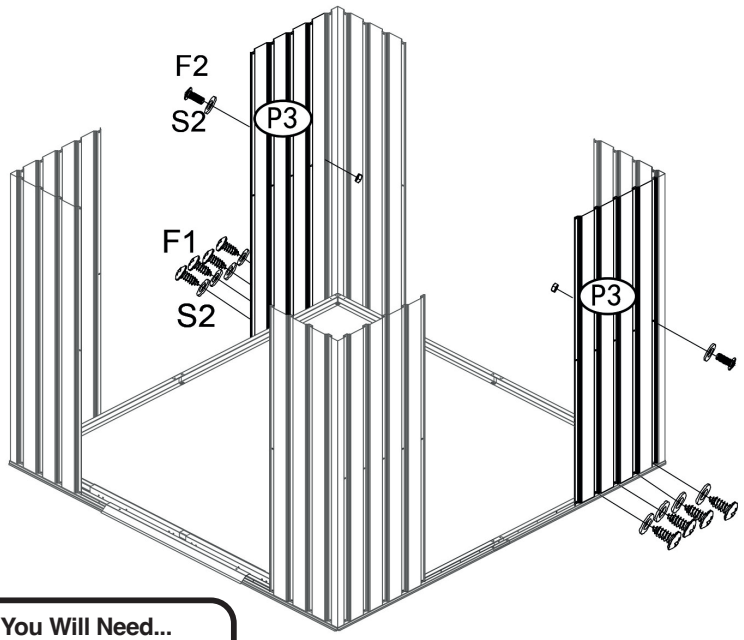
Parts You Will Need...

PART	NO.	QTY.
	P3	2
	F1	10
	F2	2
	S2	12

10 Assemble the P3 side panels at each corner horizontally. fix to base frame with 4 F2 screws and 4 S2 washers. Secure P3 panel to P4 panel with F2 nuts and bolts, and lock them tight.

Repeat this process X 4

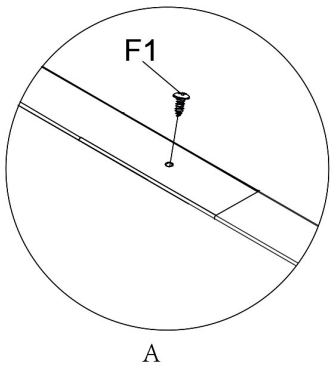


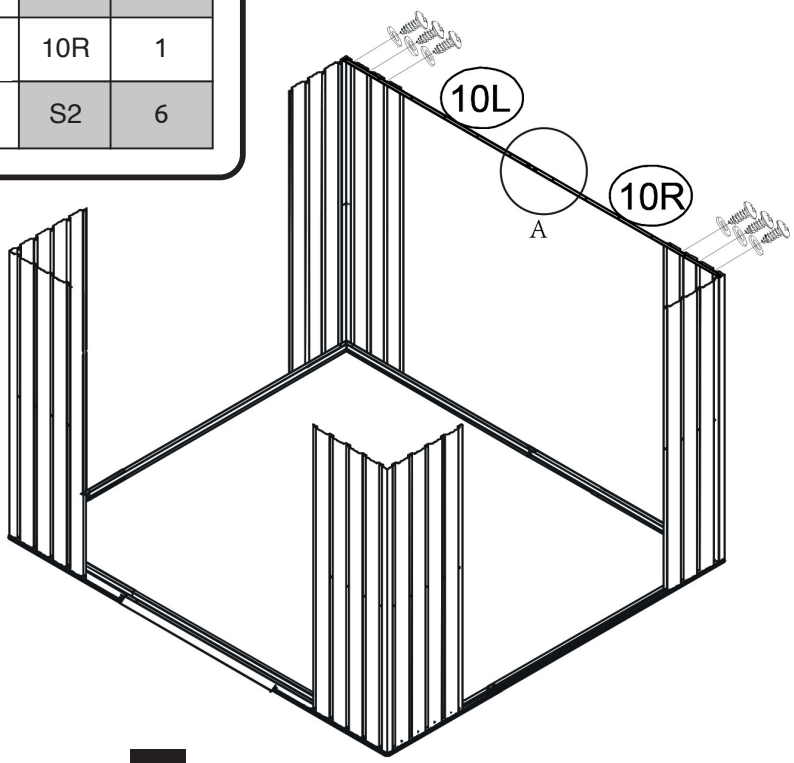


Parts You Will Need...

PART	NO.	QTY.
	10L	1
	F1	7
	10R	1
	S2	6

Join top frame 10L and 10R using a F1 screw & S2 washer. Then join to top frame panels P4 using three F1 screws & three S2 washers.



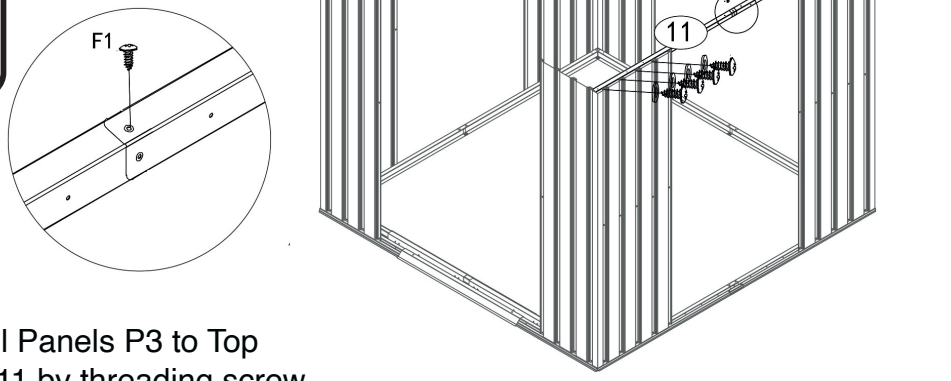


Step 3: Wall Assembly

Parts You Will Need...

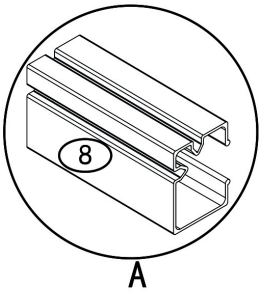
PART	NO.	QTY.
	9	2
	F1	20
	11	2
	S2	18

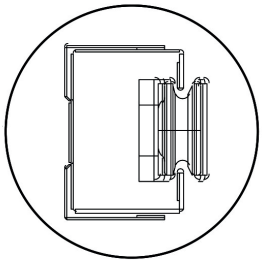
X 2

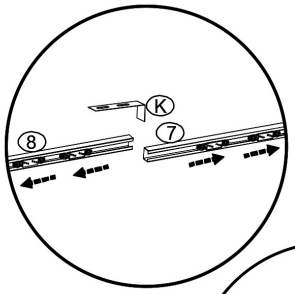


11 Connect Side Wall Panels P3 to Top frame runner 9 & 11 by threading screw F1 onto a washer S2, then line up with holes. Screw in F1 into panels P3 until tight, joining them together.
Repeat this procedure X 4

12 Place G2 Door slide into 7 & 8 Door Track. 7 & 8 Door Track then fits into 6 the holding casing. Screw 7 & 8 into P2 panel and fix into place with five F1screws and S2 washers. Join K holding bracket and top frame using two F1 screws and two S2 washers.

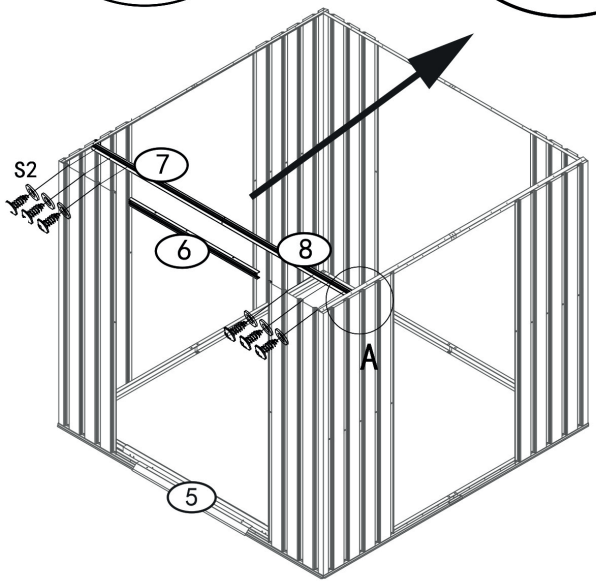


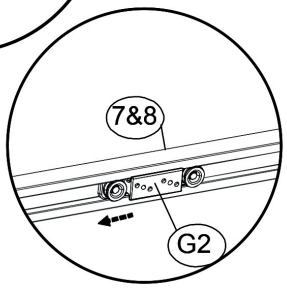


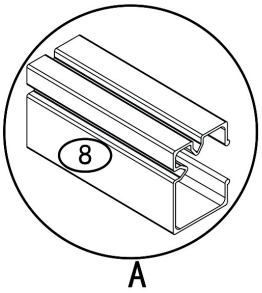


Parts You Will Need...

PART	NO.	QTY.
	6	1
	7	1
	8	1
	G2	4
	F1	6
	S2	6
	K	1



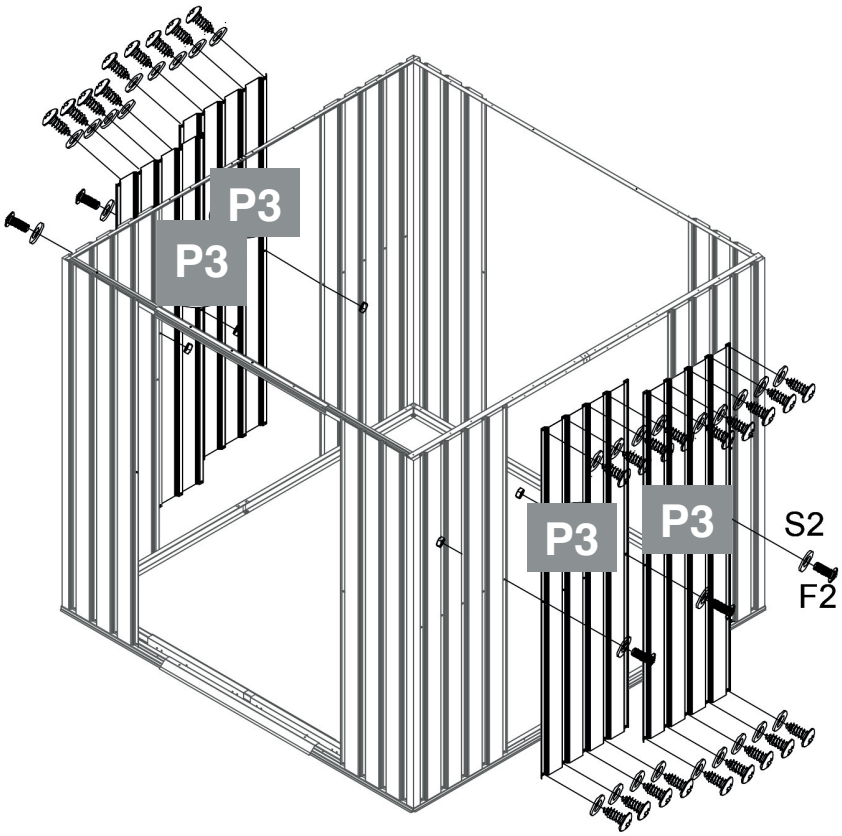




Step 4: Top Frame Assembly

Parts You Will Need...

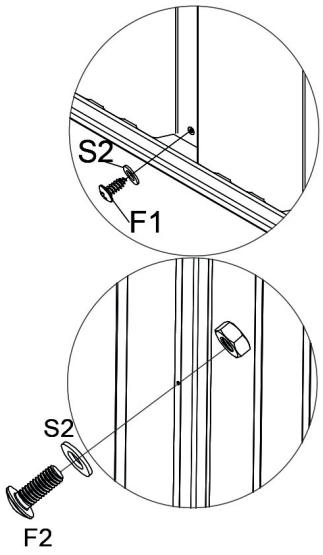
PART	NO.	QTY.
	P3	4
	F1	36
	F2	6
	S2	42

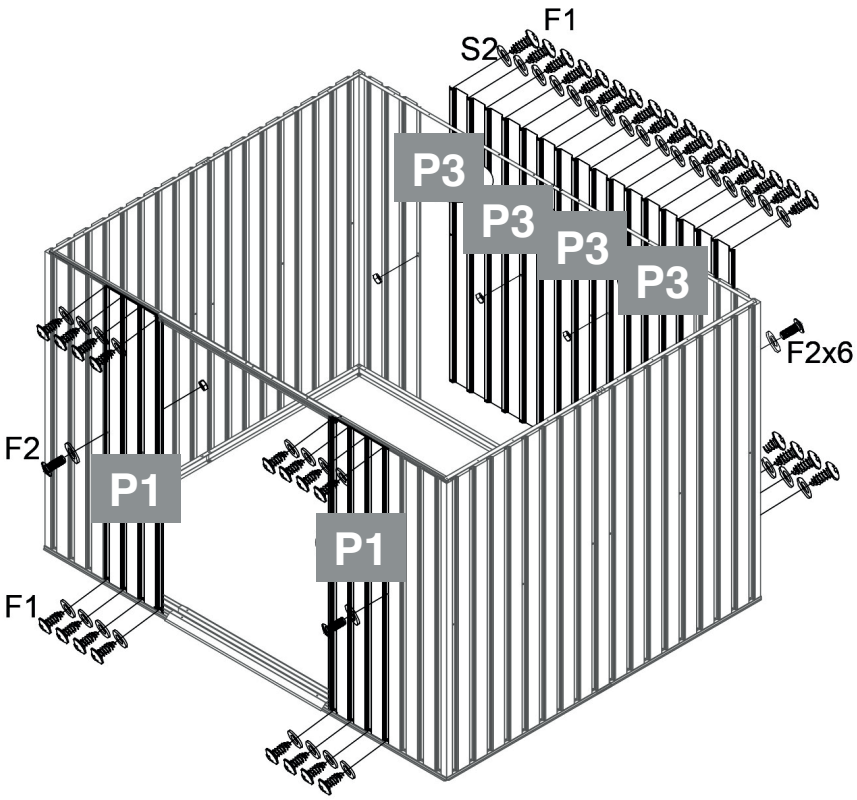


Parts You Will Need...

PART	NO.	QTY.
	P3	4
	P1	2
	F2	6
	F1	50
	S2	56

13 Connect all P3 wall panels to top frames using F1 screws and S2 washers. Also Connect all P3 wall panels to base frames F1 screws and S2 washers. Secure P1 panels to P3 panels mid-point using F2 nuts and bolts.





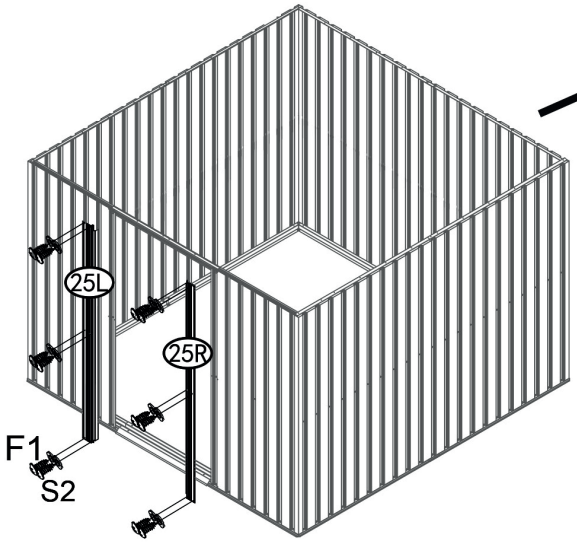
Step 5: Door Frame

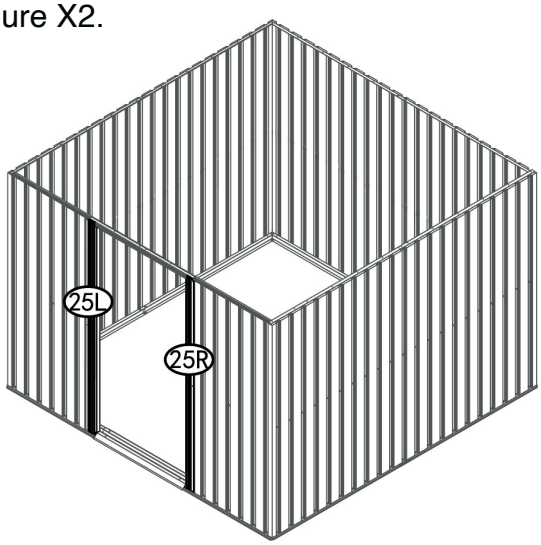
Parts You Will Need...

PART	NO.	QTY.
	25L	1
	F1	4
	25R	1
	S2	4

14 Take 25L Door frame Assembly and line it up with holes in the top and base frames. Thread a S2 washer into a F1 screw and line up to the hole. Then screw in. Repeat the process with 25R Door frame.

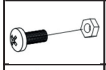
Repeat this procedure X2.

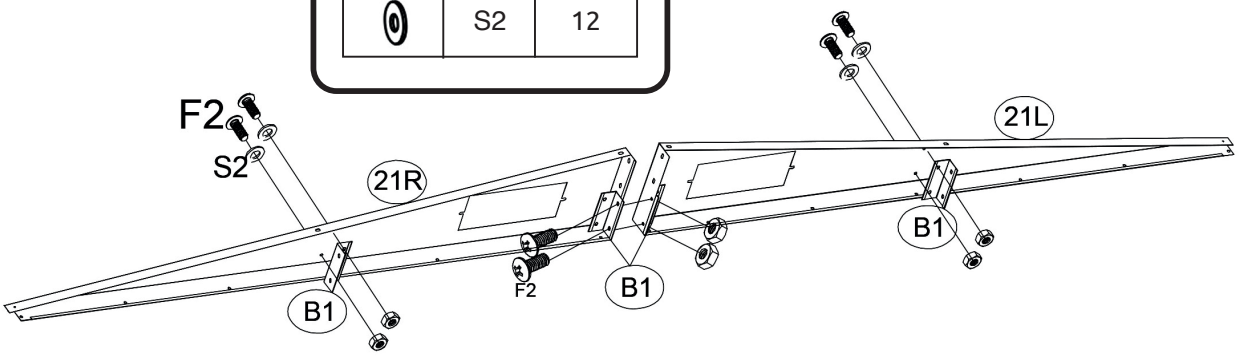




15 Take 12L Vent Assembly and join it to 12R. This is done using two F2 nuts and bolts. Then fix two GF unit onto the Vent Assembly parts using four F2 nuts and bolts.

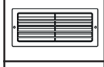
Parts You Will Need...

PART	NO.	QTY.
	21L	2
	21R	2
	F2	12
	B1	8
	S2	12



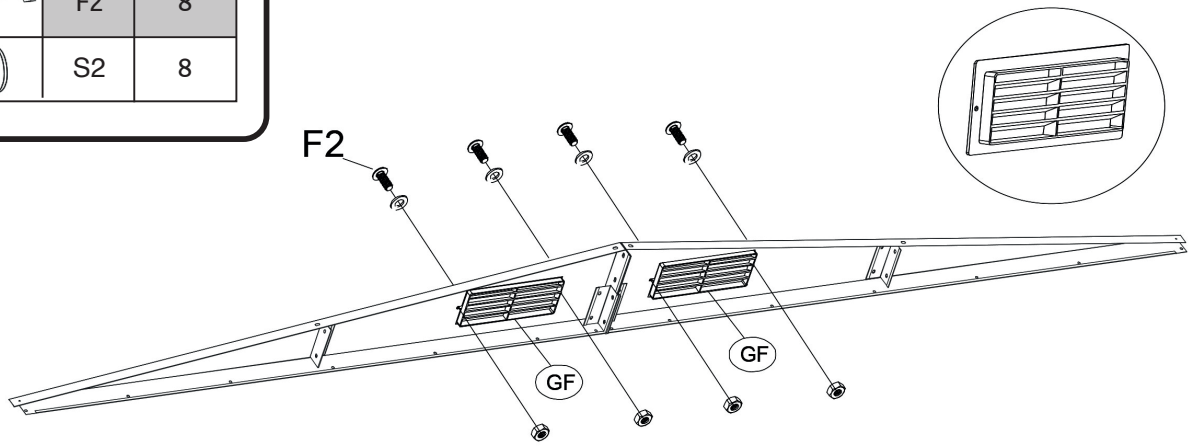
Step 6: Gable Assembly

Parts You Will Need...

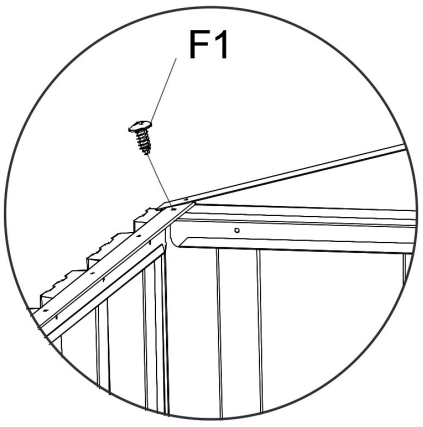
PART	NO.	QTY.
	GF	4
	F2	8
	S2	8

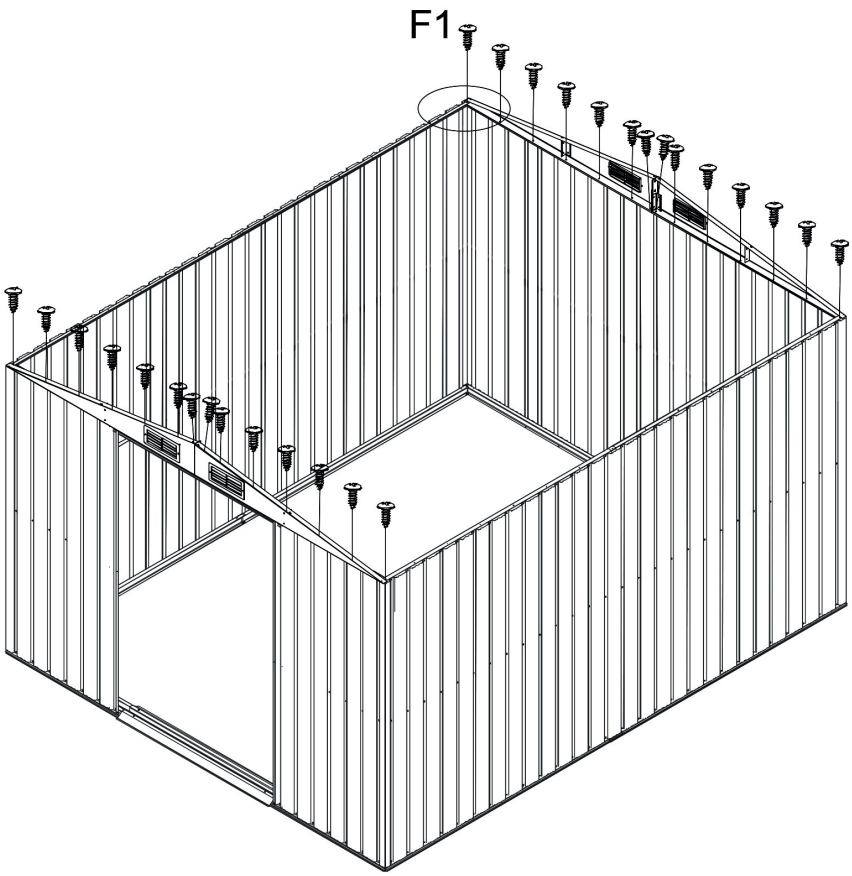
16 Take two GF Vent Assembly units and join it to Gable assembly. This is done using four F2 nuts and bolts.

Repeat this process X 2



17 Take the Gable Assembly and join it to the top frame of the shed using fourteen F1 screws and fourteen S2 washers. Repeat the process X2.





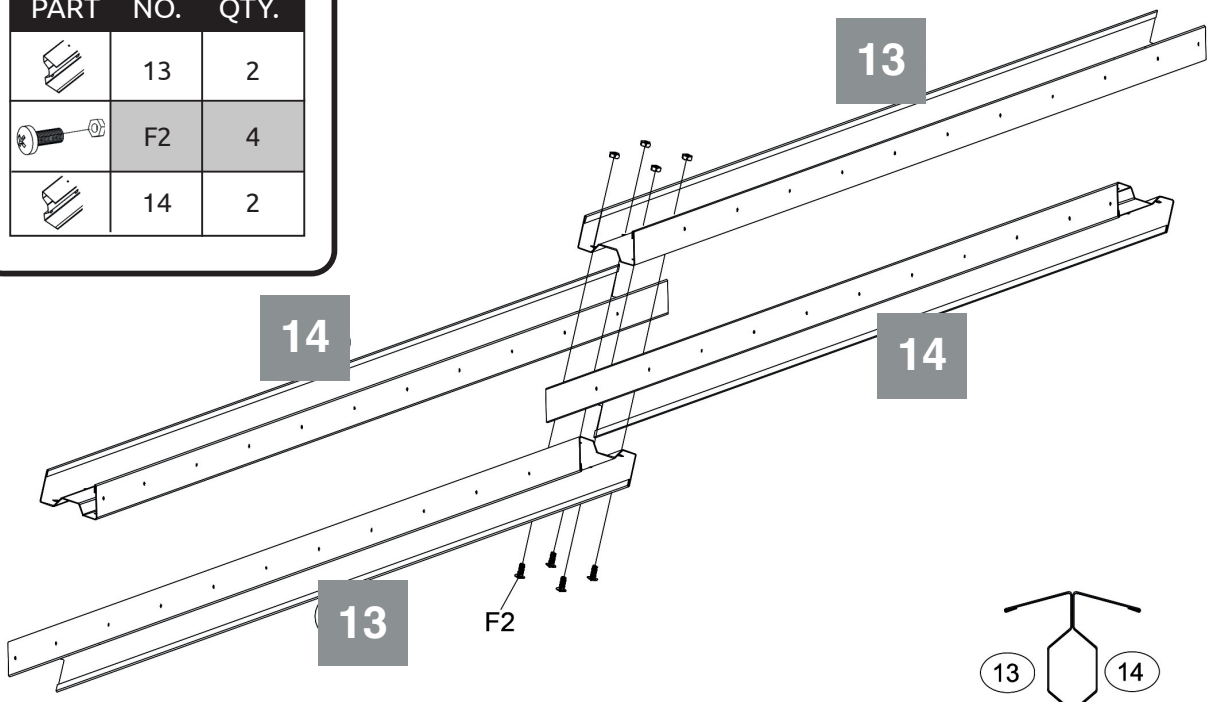
Parts You Will Need...

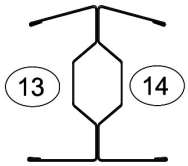
PART	NO.	QTY.
	S2	28
	F1	28

Step 7: Beam Assembly

Parts You Will Need...

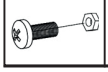
PART	NO.	QTY.
	13	2
	F2	4
	14	2

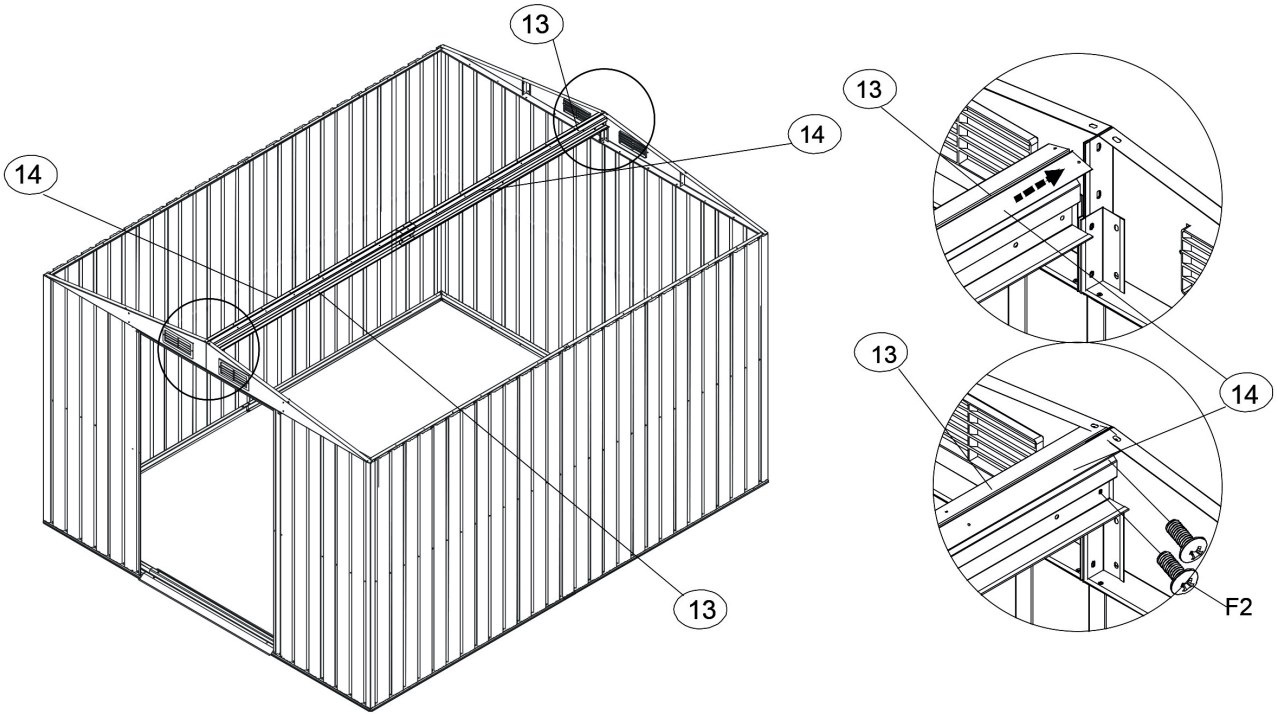




18 Overlap two Roof Beams 13 & 1 so that the bottom holes align. Insert four bolts and nuts as shown above. Then slide the Central Roof beam 13 & 14 into the slot on the Gable. Secure it with part F2 nuts and bolts. X4

Parts You Will Need...

PART	NO.	QTY.
	F2	4

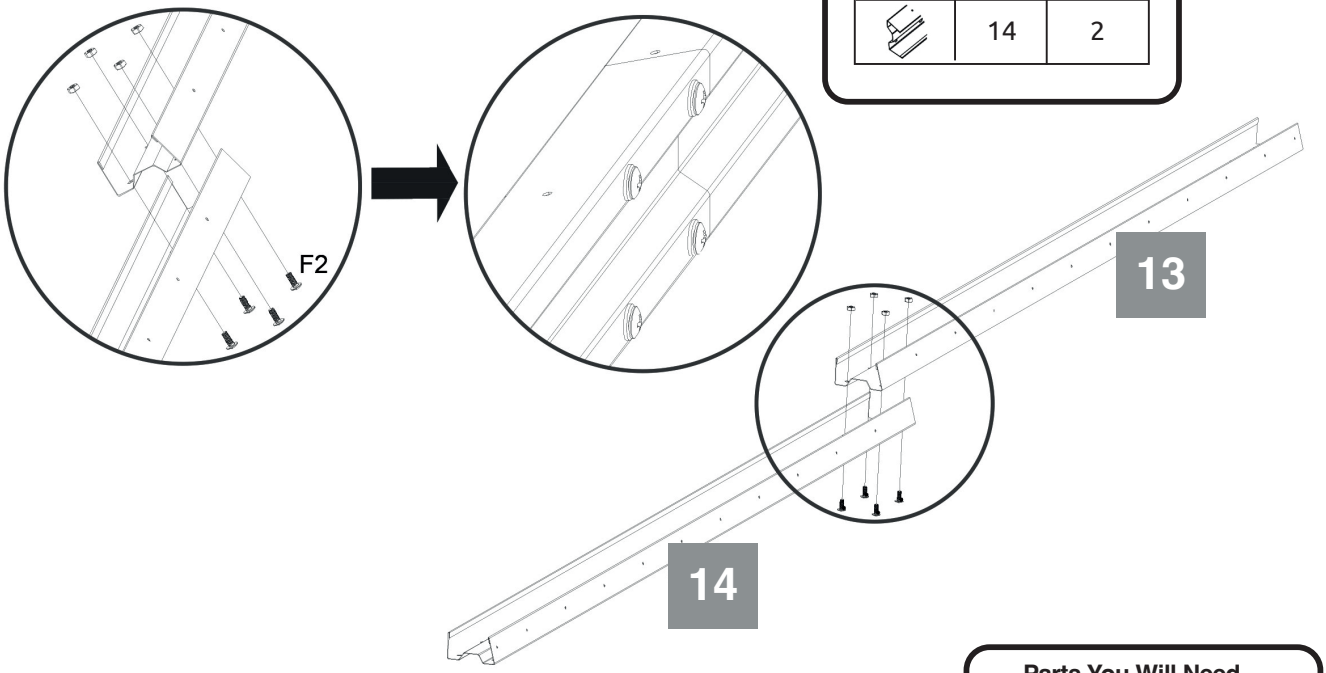


Step 7: Beam Assembly

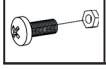
Parts You Will Need...

PART	NO.	QTY.
	13	2
	F2	8
	14	2

19 Join together 1 & 13 using 35 4 nuts and bolts, part F2.

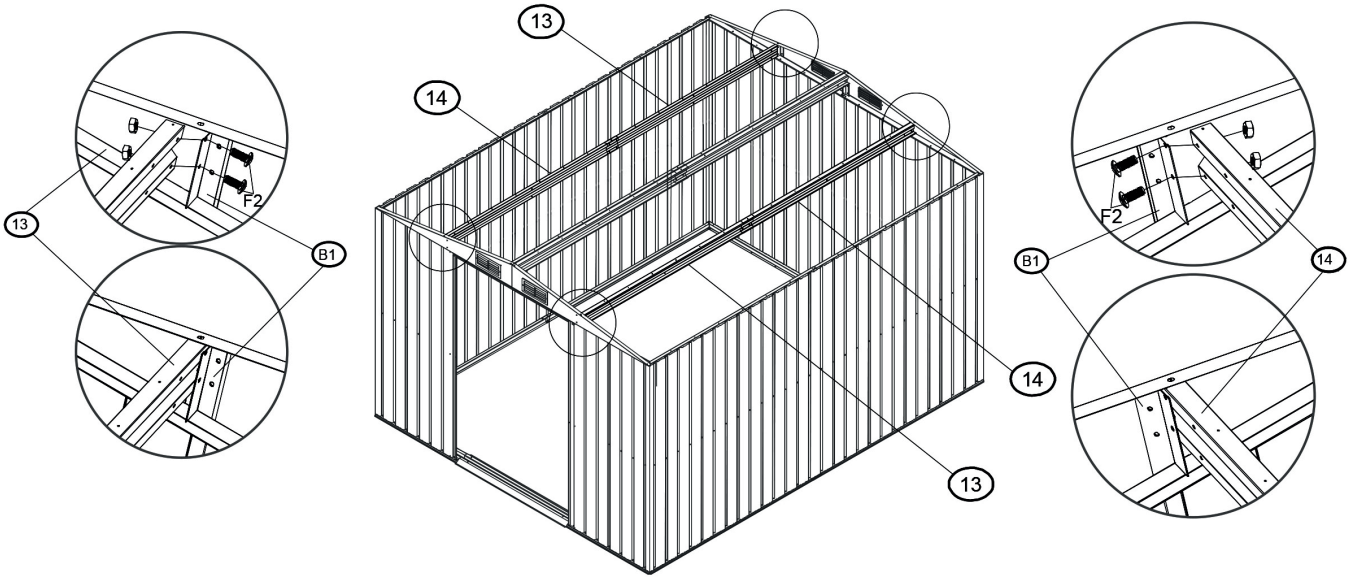


Parts You Will Need...

PART	NO.	QTY.
	F2	8

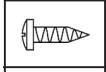
20 Attach Roof Beam 13 to Gable B1 left side front using two nuts and bolts F2. Then attach Roof Beam 14 to Gable B1 right side front using two nuts and bolts F2.

Attach Roof Beam 14 to Gable B1 left side back using two nuts and bolts F2. Then attach Roof Beam 13 to Gable B1 right side back using two nuts and bolts F2.

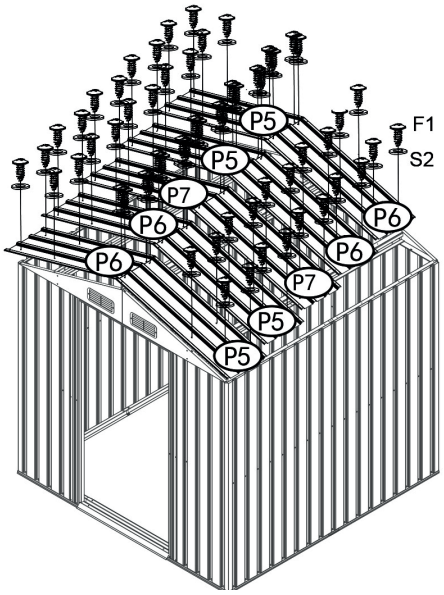


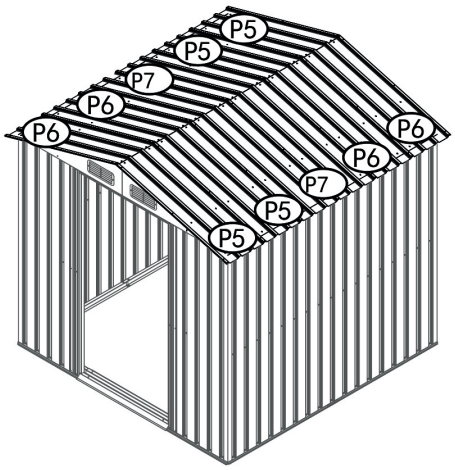
Step 8: Roof Panels

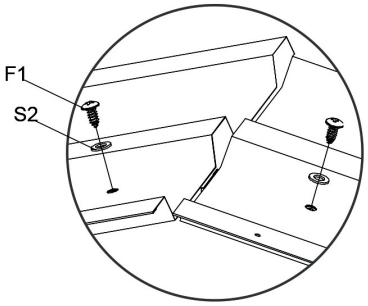
Parts You Will Need...

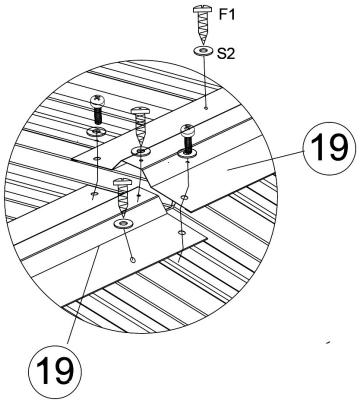
PART	NO.	QTY.
	P5	4
	P6	4
	P7	2
	F1	68
	S2	68

21 Place Roof Panels P5, P6, P7 into position as shown. Then place washer S2 over screw F1. Screw Panels down into top frames. X 68. Place Roof Panels P8, P7 into position as shown. Then place washer S2 over screw F1. Screw Panels down into top frames. X 10

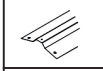
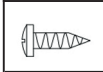
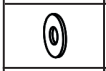
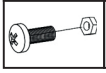


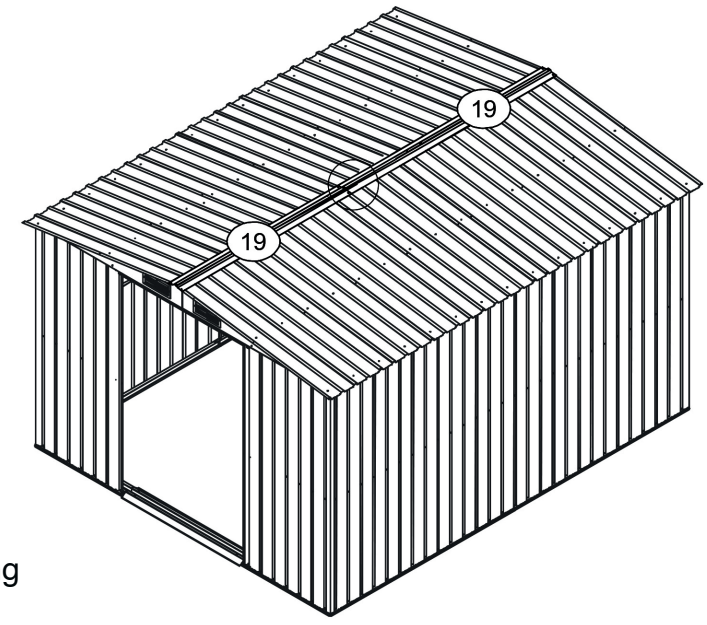






Parts You Will Need...

PART	NO.	QTY.
	19	2
	F1	3
	S2	5
	F2	2



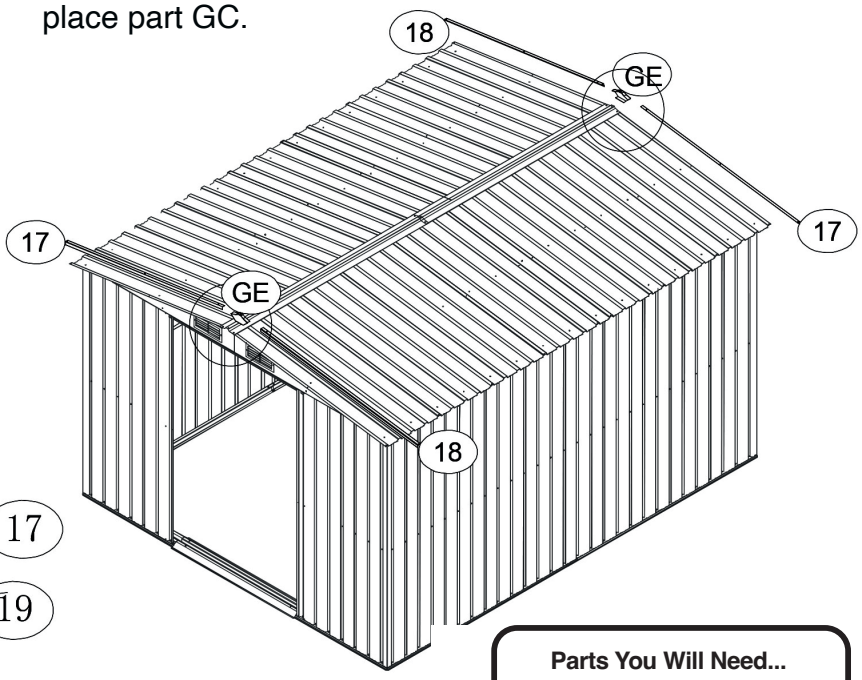
22 Attach two Roofing Beams together part 19. Locate the holes and then fix into place with two F5 nut and bolts. Also strengthen using F1 screws and S2 washers x3.

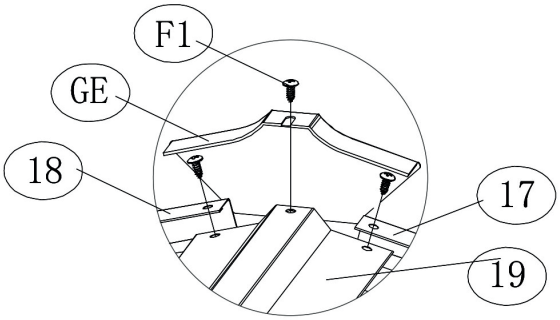
Step 9: Install Ridge Caps

Parts You Will Need...

PART	NO.	QTY.
	17	2
	F1	6
	18	2
	GE	2

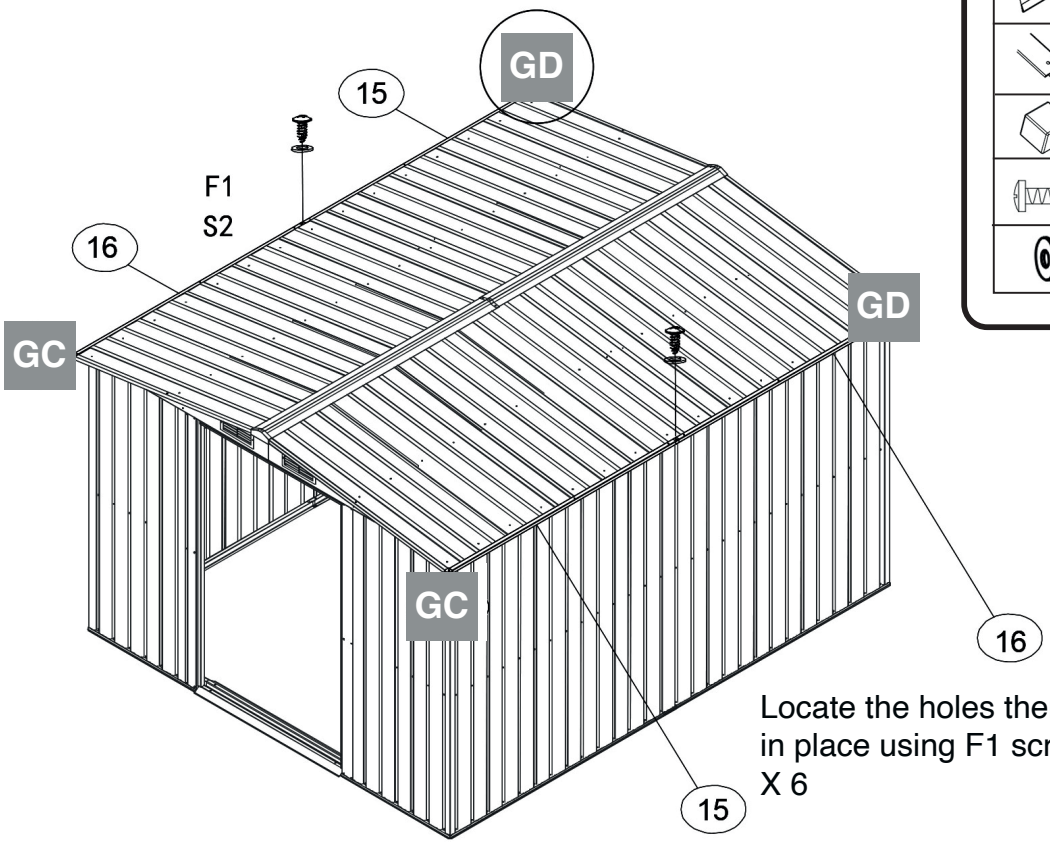
23 Place Ridge Cap GE over Gable and secure to 19 Roofing Beam. This is done by using F1 screw. Put parts 17 & 18 into place and screw down using F1 screw. Join parts 15 & 16 together with F1 screws and S2 Washers X2. At each top corner of the shed place part GC.





Parts You Will Need...

PART	NO.	QTY.
	15	2
	16	2
	GC	4
	F1	6
	S2	2



X 4

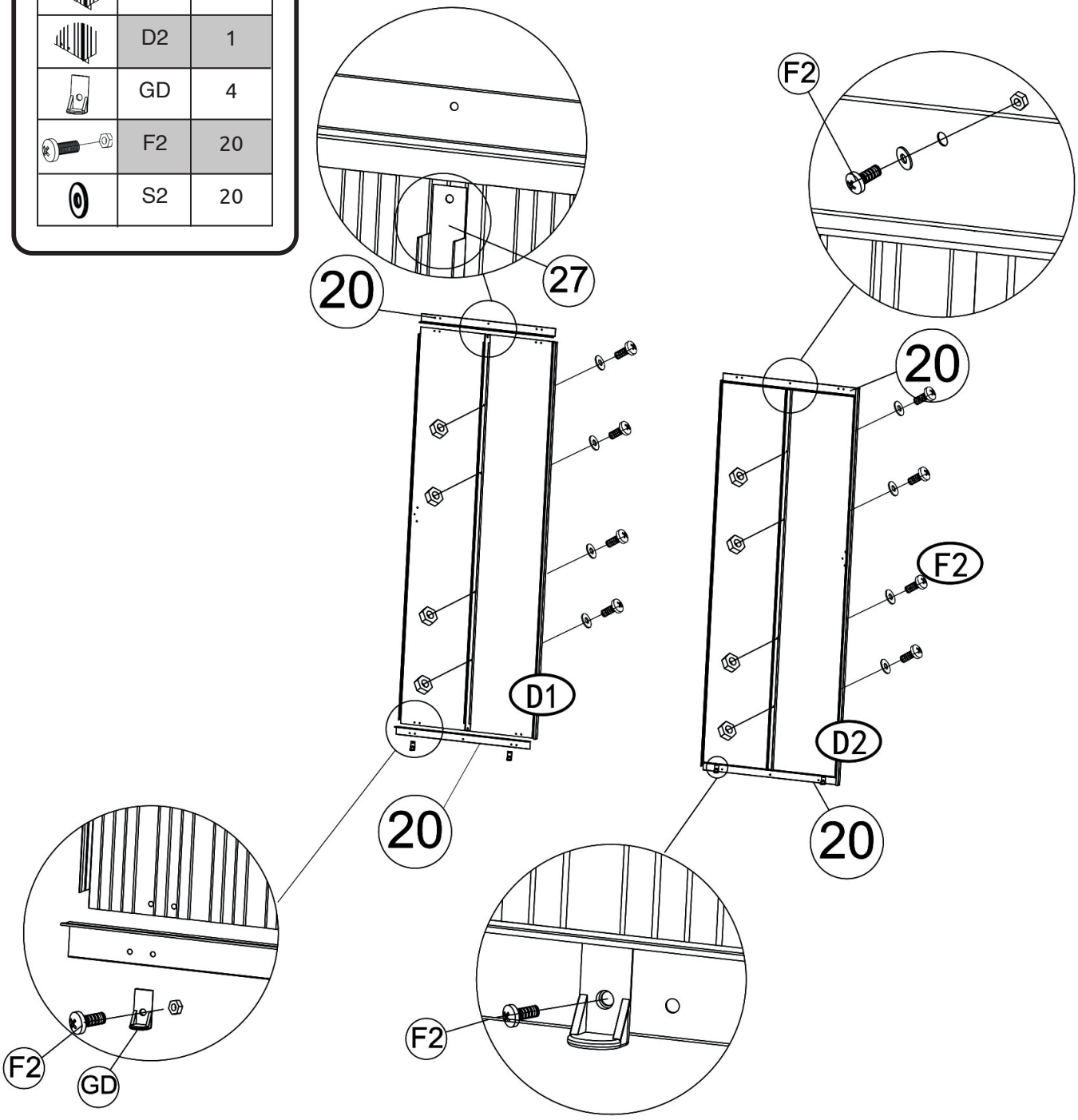
Locate the holes then join GC and trim in place using F1 screws and washers X 6

Step 10: Door Assembly

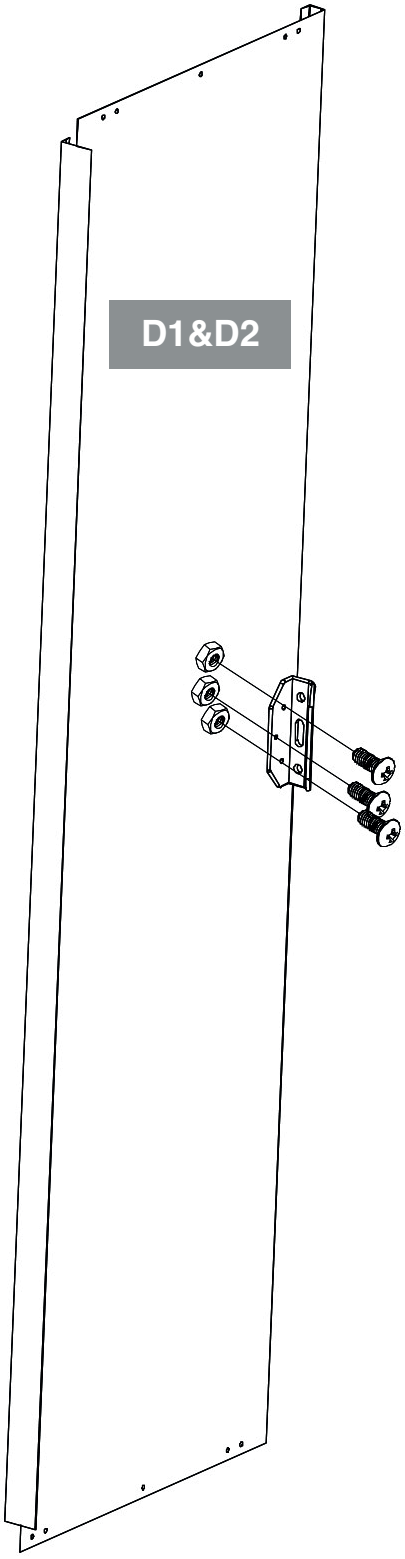
Parts You Will Need...

PART	NO.	QTY.
	27	1
	20	4
	D1	1
	D2	1
	GD	4
	F2	20
	S2	20

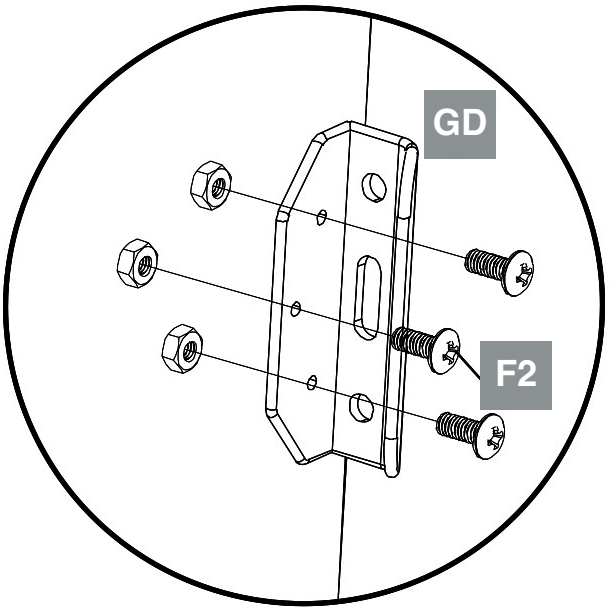
24 Across the top and bottom of the door structure place part 20. Slide Horizontal Brace 27 into position over hole to line up with D1 & D2 panels. Fix with F2 bolt and nut in top and bottom GD X 4. Then screw in x 20 F2 nuts and bolts to secure everything in place. Repeat for both doors.



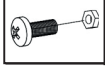
Step 10: Door Assembly



25 Attach Vertical Door Brace to Door 1 panel GB, with three F2 nuts and bolts. Repeat the process for door D2.

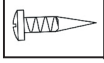


Parts You Will Need...

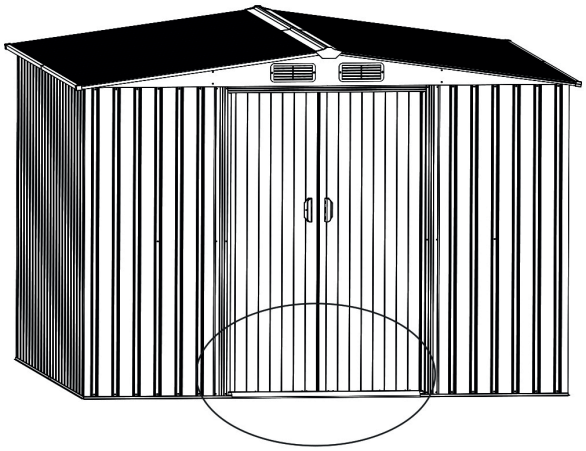
PART	NO.	QTY.
	GB	2
	F2	6

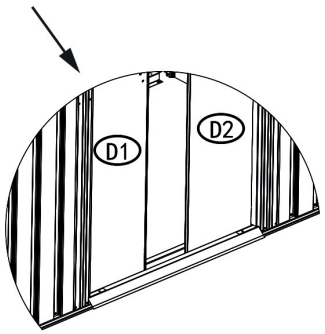
Step 10: Door Assembly

Parts You Will Need...

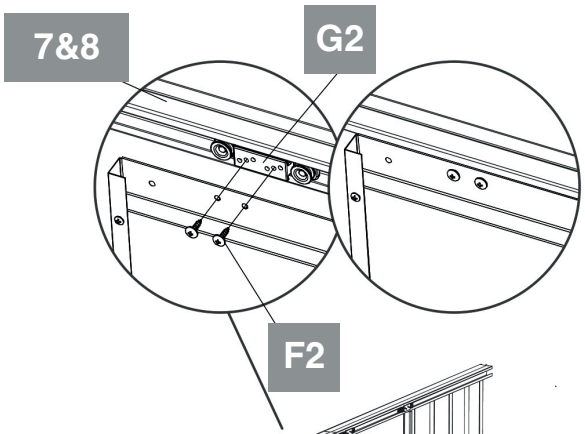
PART	NO.	QTY.
	F3	8

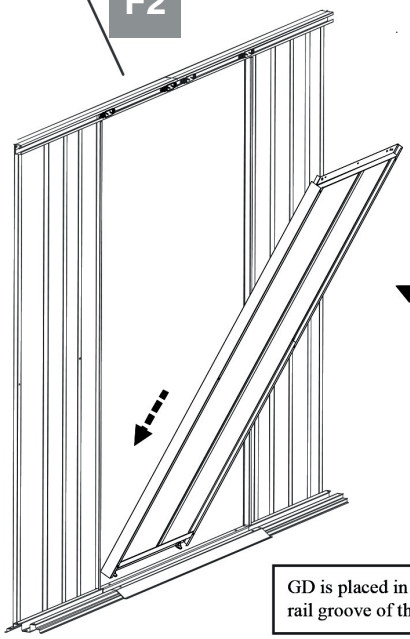
26 Insert two F3 Screws into each Door Slide G2 as shown. Repeat steps for second door. From inside the building, place the bottom of the door into the front floor Frame track at about the half-open position. Rotate the Door forward until it is vertical and align the Door Slides with the Door.





X 4





GD is placed in the guide rail groove of the foundation

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.

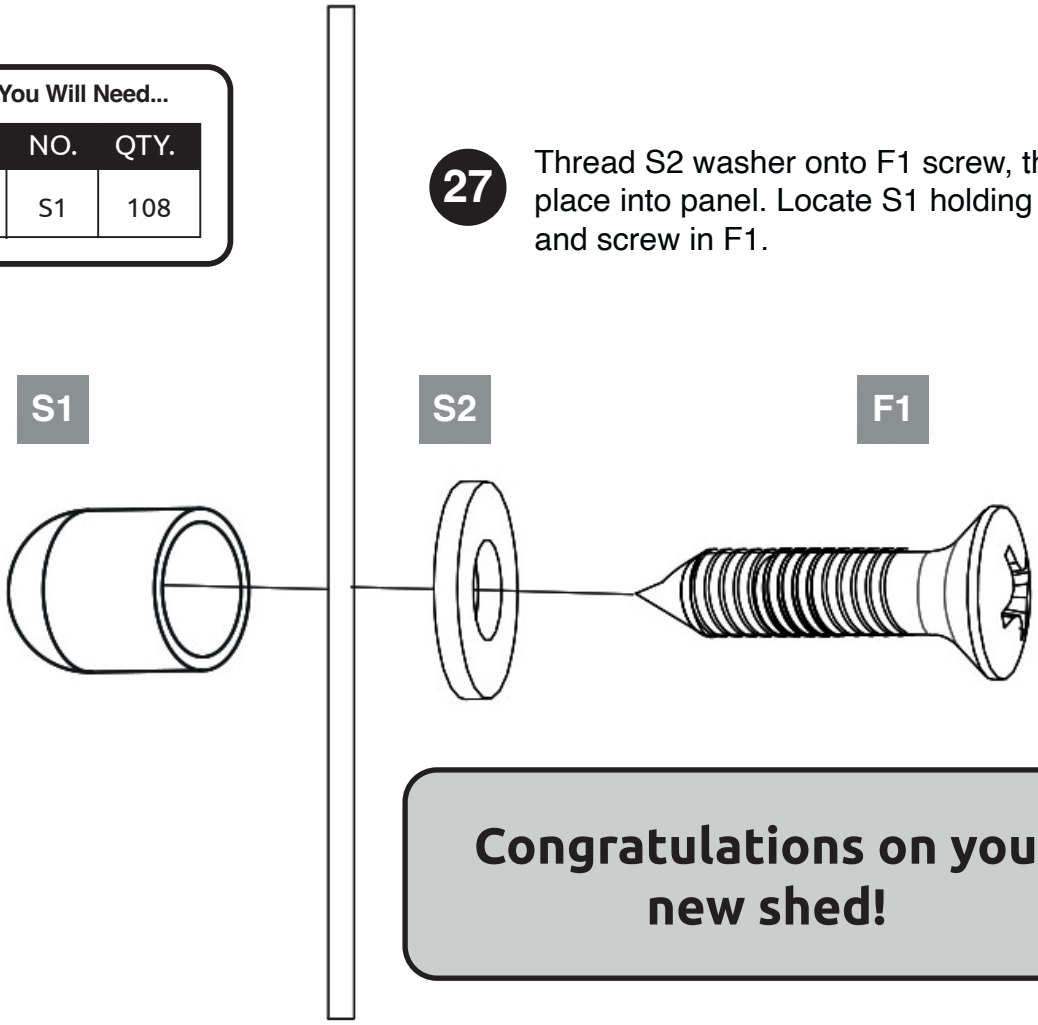
Teamwork: Whenever possible, two or more people should work together to assemble your building. One person can position parts or panels while the other is able to handle the fasteners and the tools.

Step 10: Door Assembly

Parts You Will Need...

PART	NO.	QTY.
	S1	108

27 Thread S2 washer onto F1 screw, then place into panel. Locate S1 holding nut, and screw in F1.



Congratulations on your new shed!

Finish: For long lasting finish, periodically clean and wax the exterior surface. Touchup 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. In snow country, Roof Strengthening Kits are available for most Arrow Buildings for added protection against heavy snow accumulation.

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.