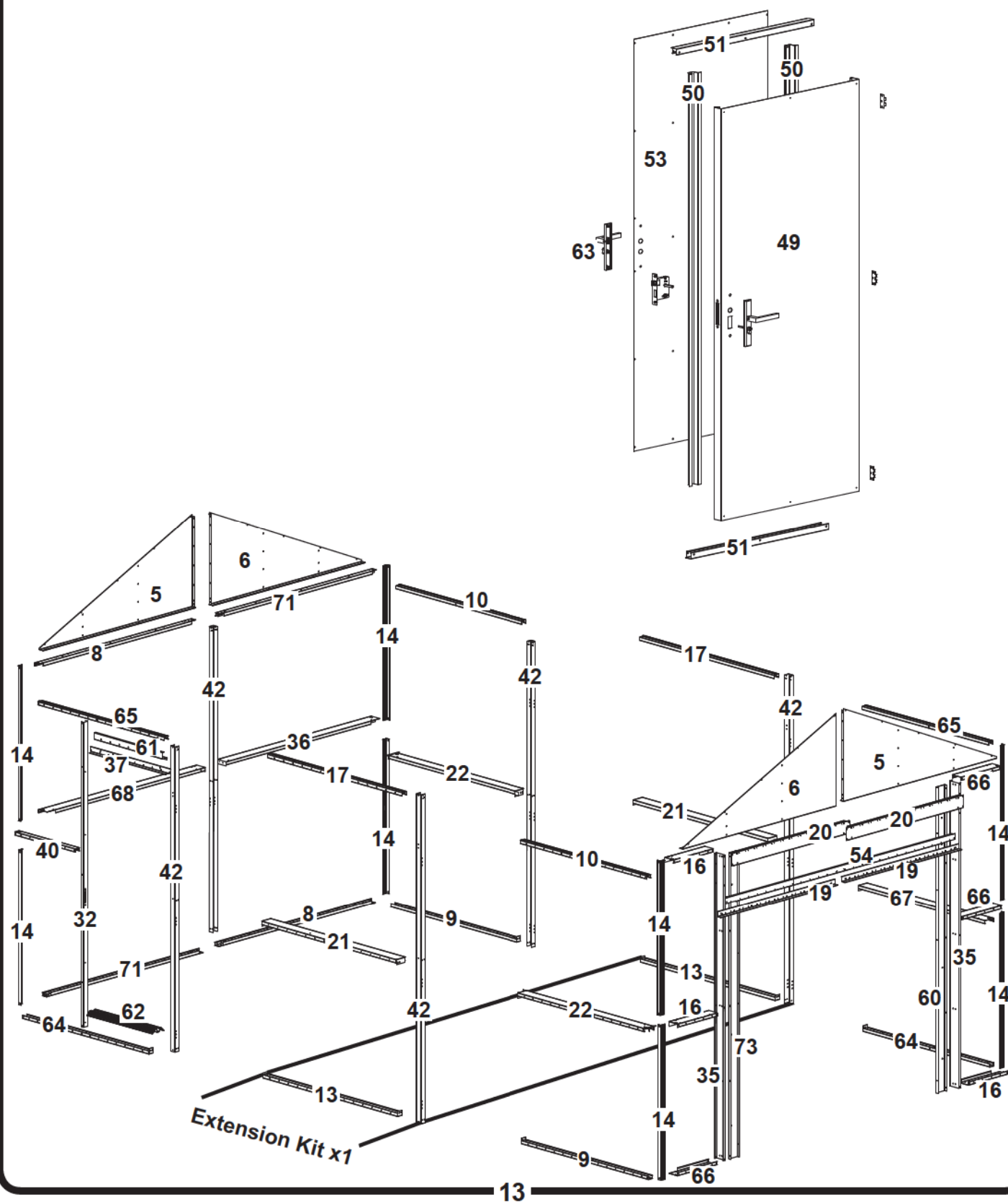




13GW

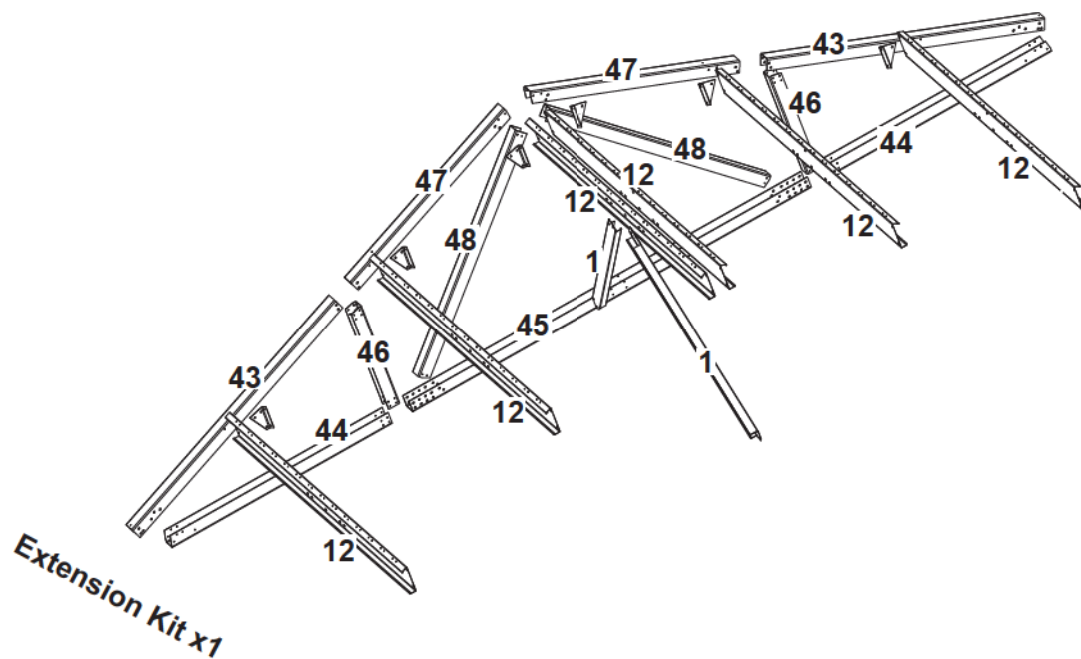
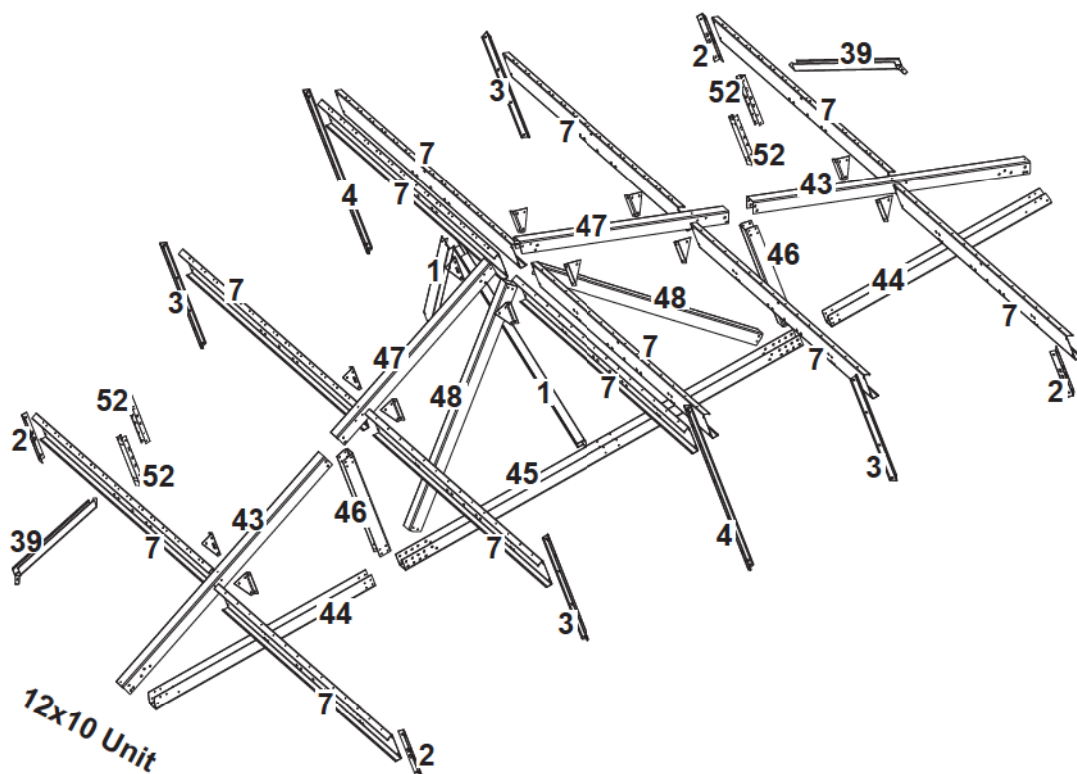
ASSEMBLY OVERVIEW

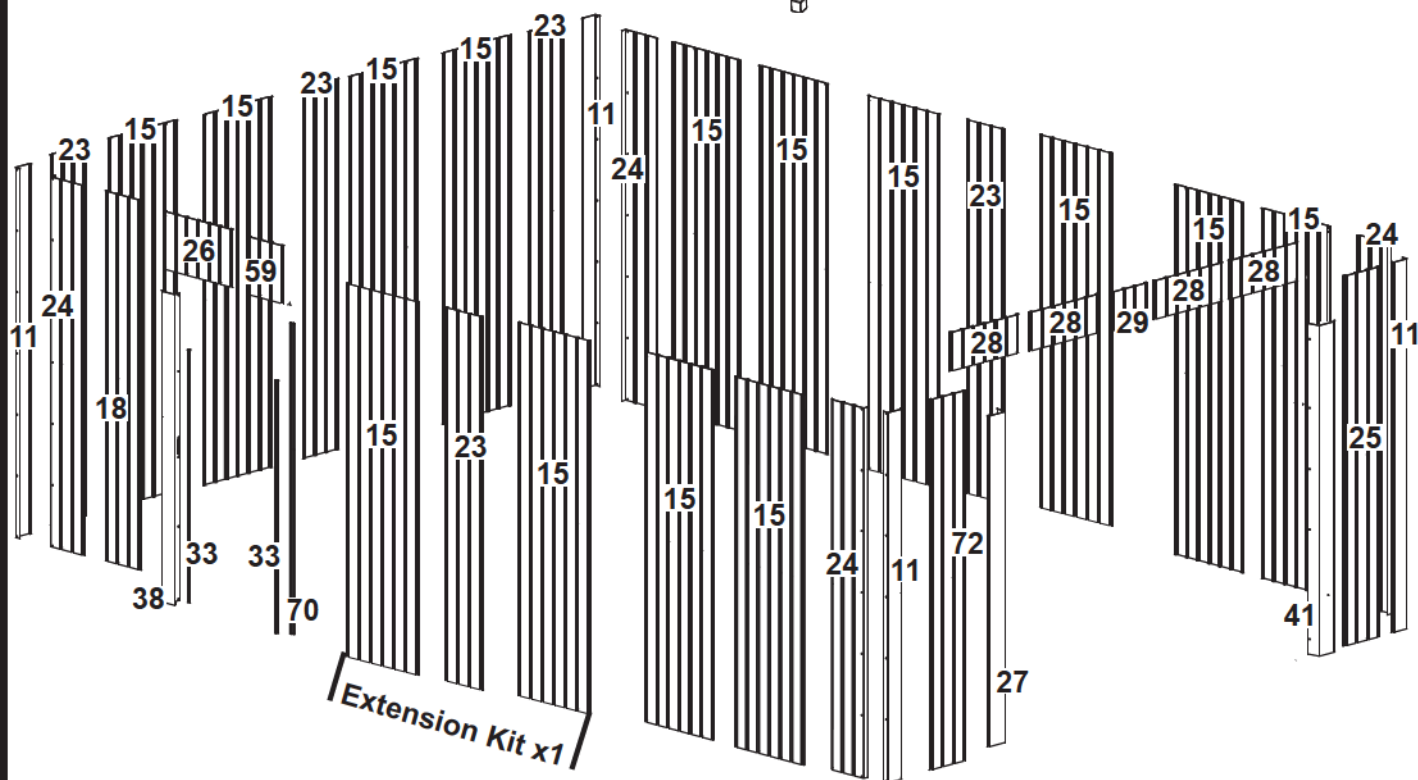




14GW

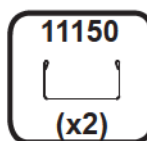
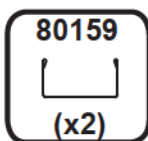
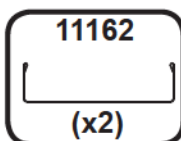
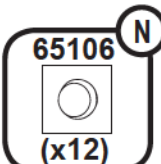
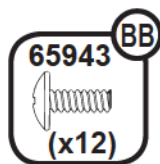
ASSEMBLY OVERVIEW





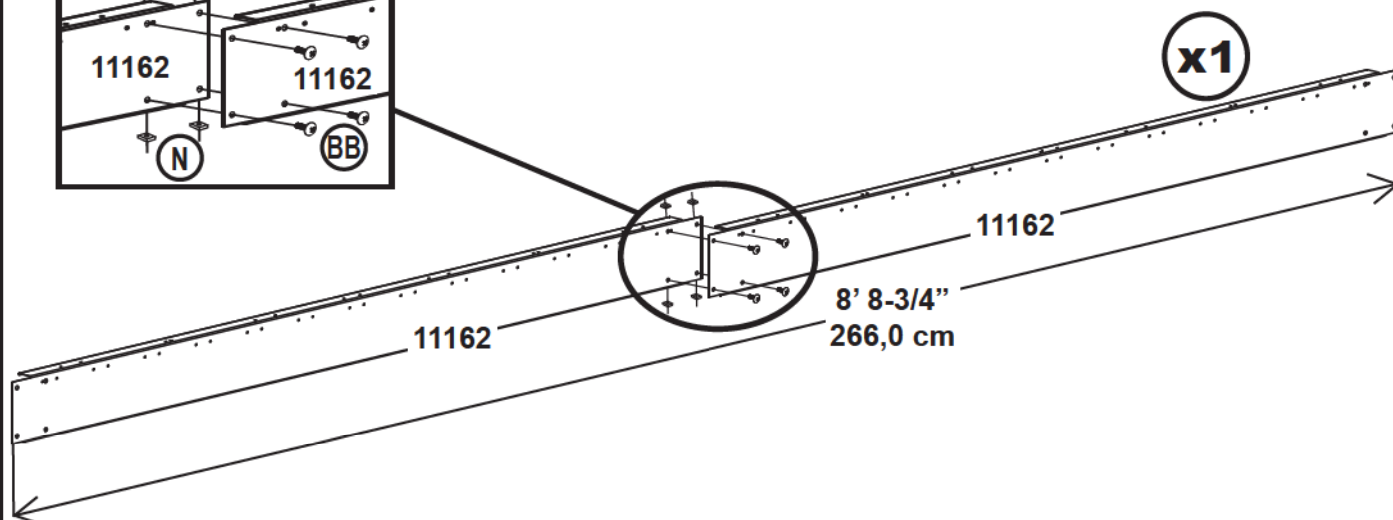
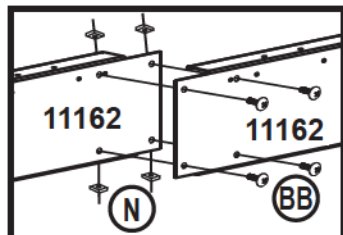


Step 1A



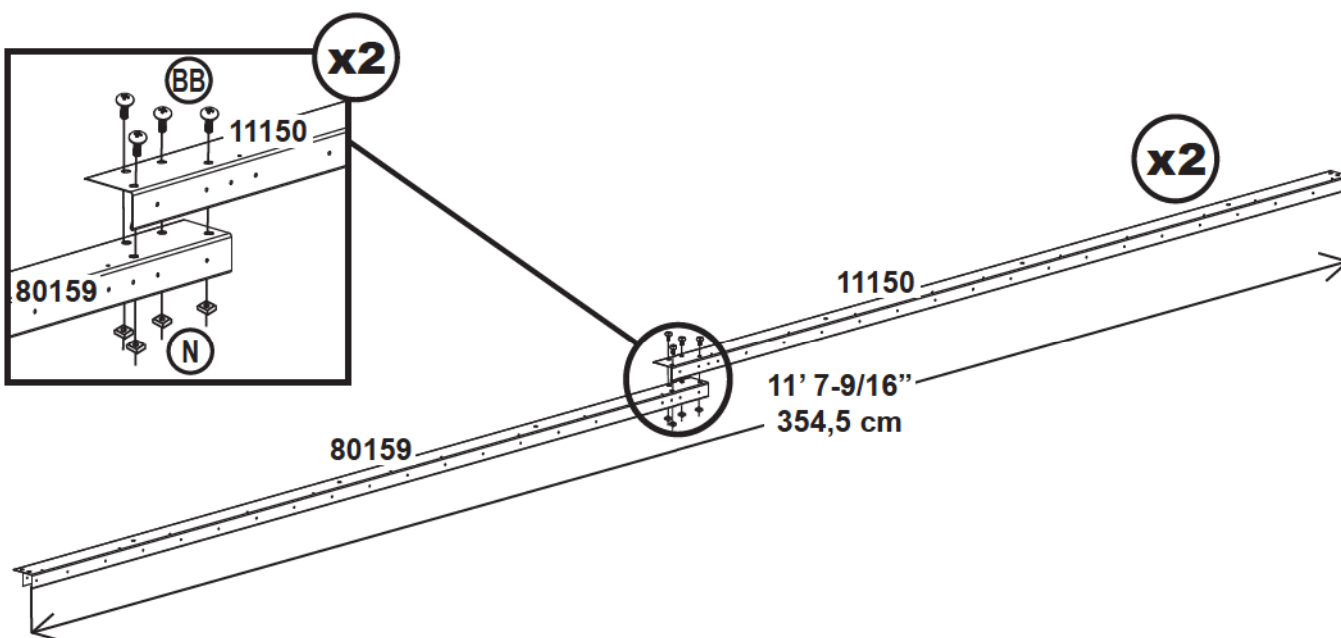
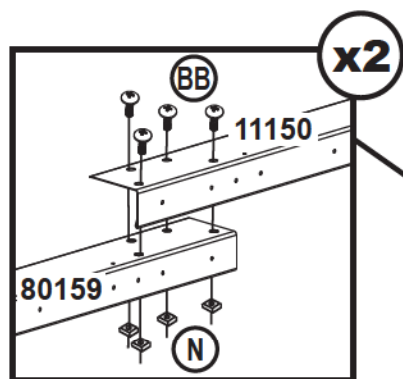
NOTE

Washers are to be used on painted parts only. Washers are not necessary on unpainted parts and there are not enough to use on every screw and bolt.



NOTE

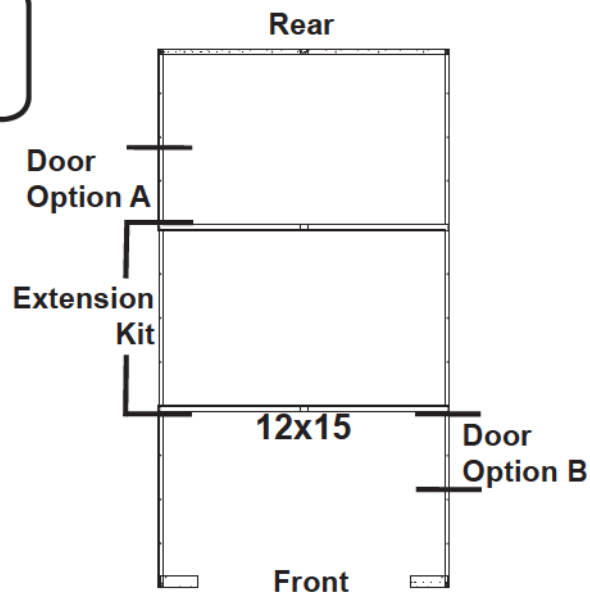
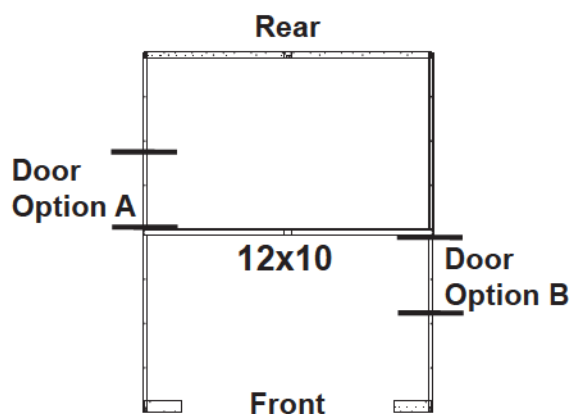
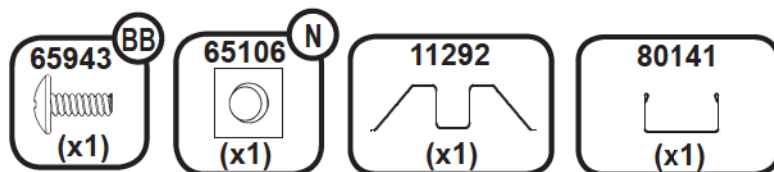
Painted screws are to be used on painted parts only.





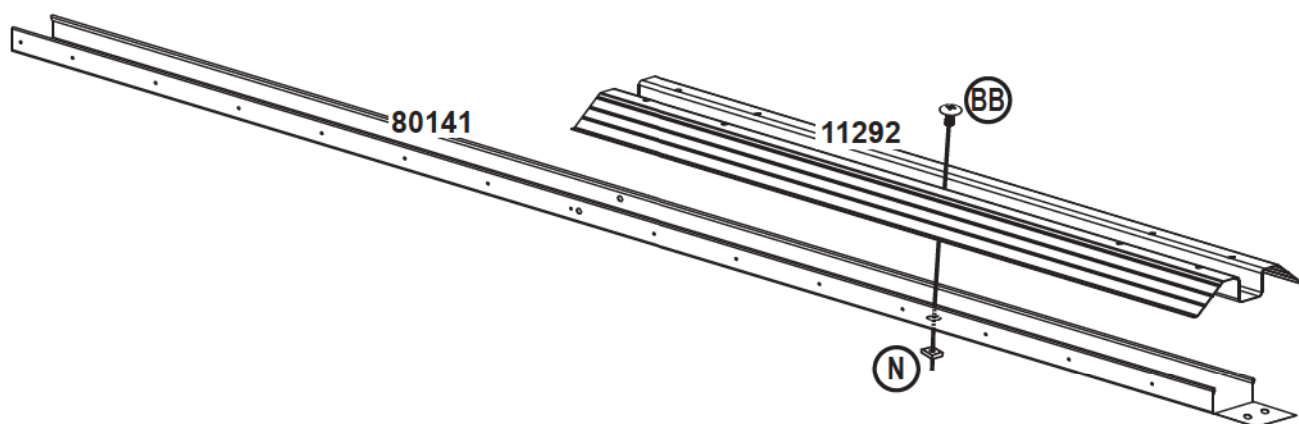
17GW

Step 1B



For Door Option A, put the ramp on the left rear frame.

For Door Option B, put the ramp on the right front frame.





Step 1C

80141



(x1)

11151



(x2)

80145



(x1)

11158



(x1)

65943

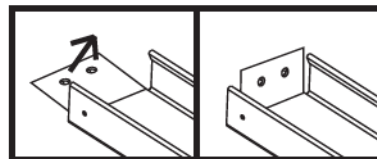


(x8)

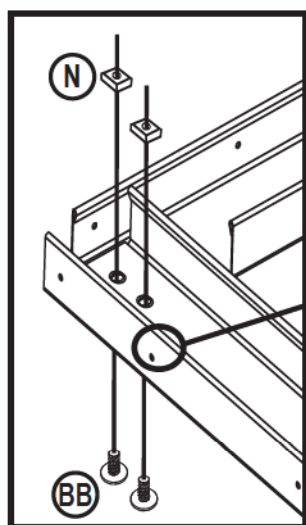
65106



(x8)



*Bend tabs up for 80141 and 11151

Door
Option A

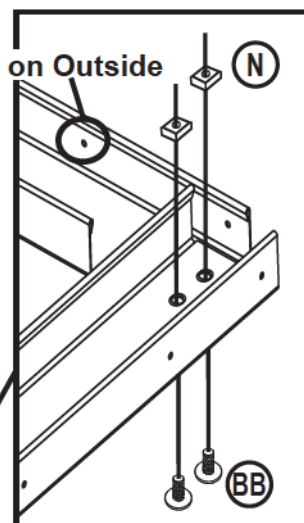
Rear

12x10

Door
Option B

Front

*Holes on Outside



*Holes on Outside

(N)

(BB)

11' 9-1/8"
358,5 cm

11151

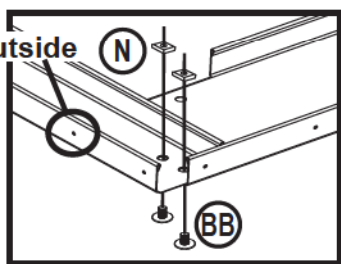
Rear
From Step 1ADoor
Option A

From Step 1B

For Door Option A, put the ramp on the left rear frame.

For Door Option B, put the ramp on the right front frame.

*Holes on Outside



(N)

(BB)

11151

80145

Front

18

Door
Option B

80141

11158

*Holes on Outside

(N)

(BB)

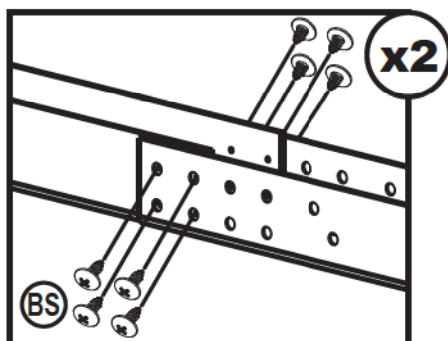
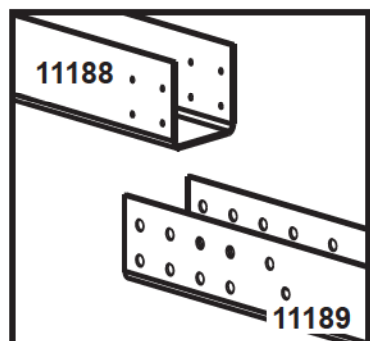
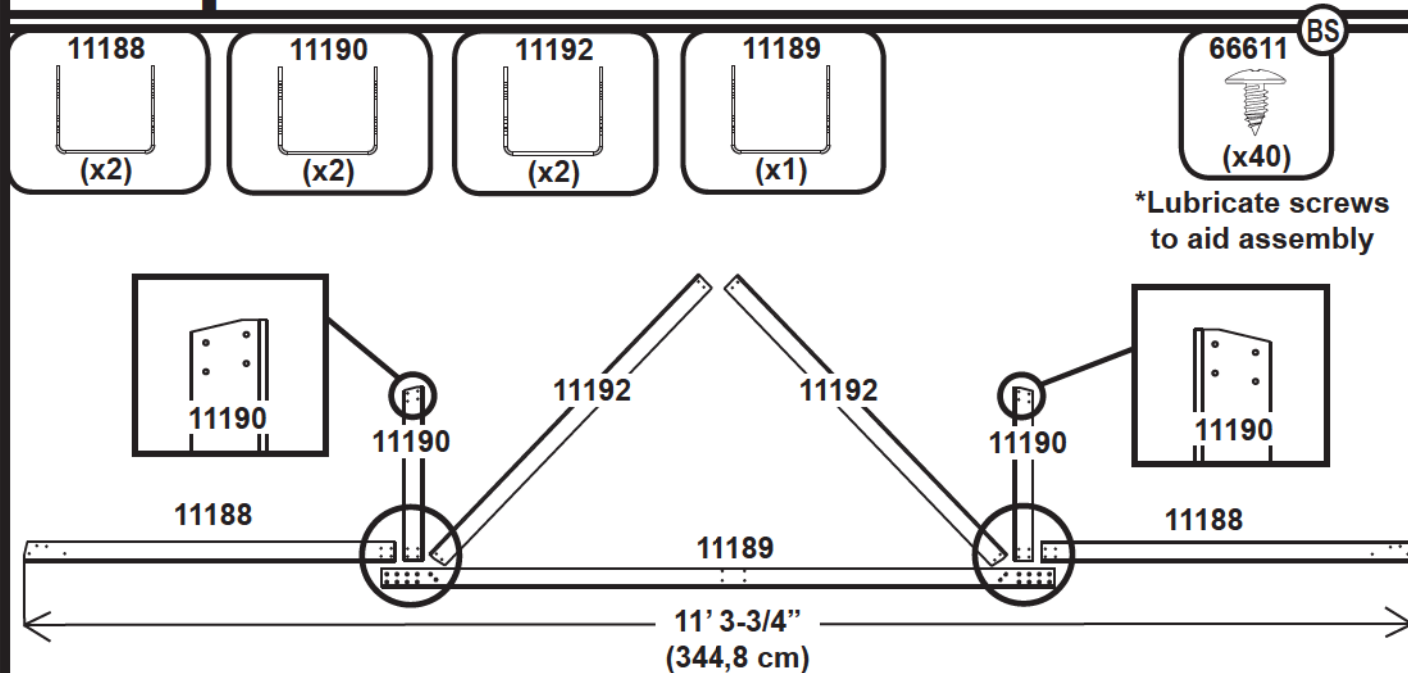




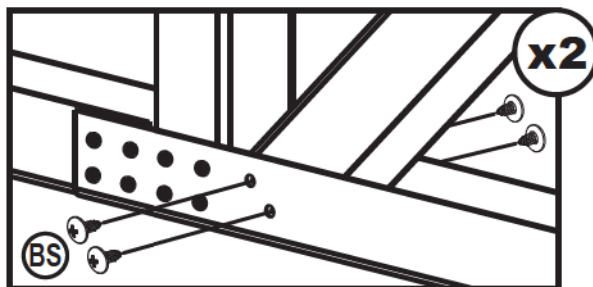
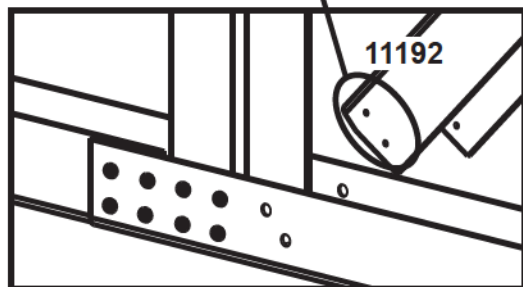
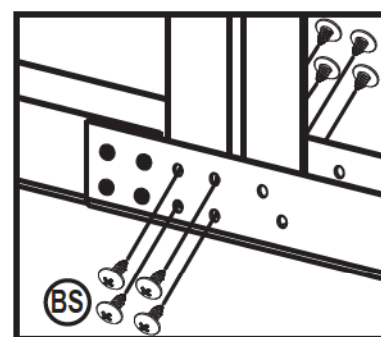
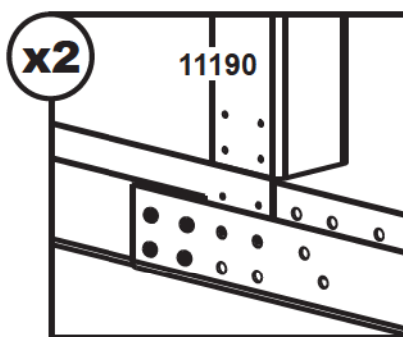
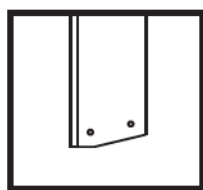
Step 2A

12x10 x1
Extension x1

19GW



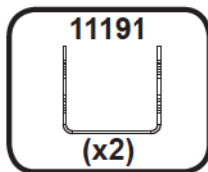
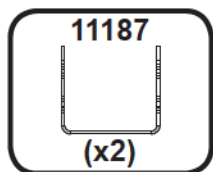
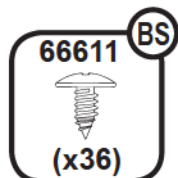
NOTE Washers are to be used on painted parts only. Washers are not necessary on unpainted parts and there are not enough to use on every screw and bolt.



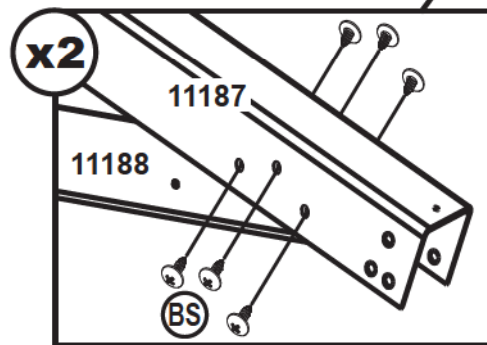
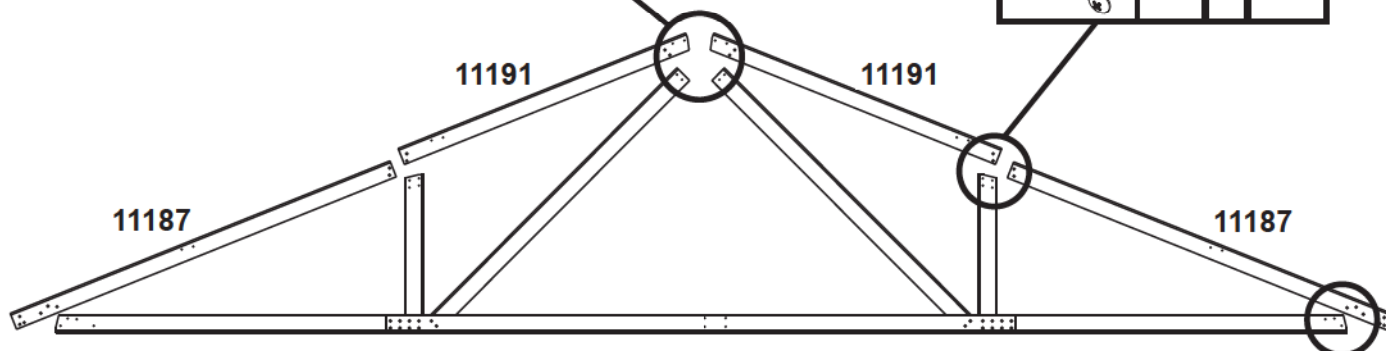
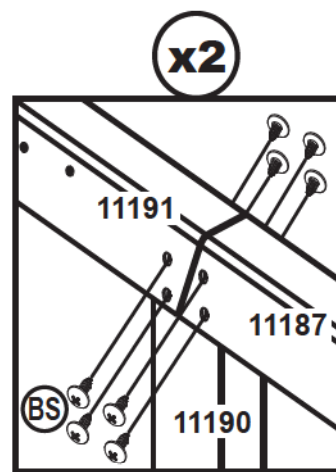
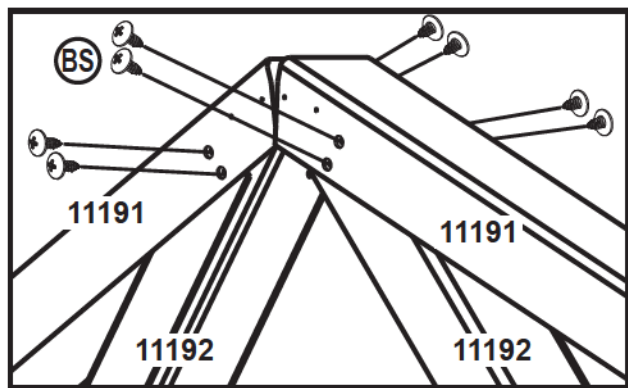


20GW

Step 2B

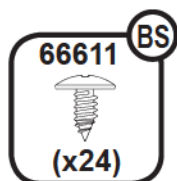
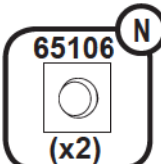
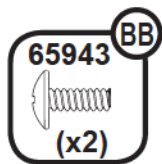
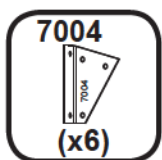
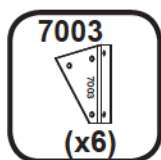


*Lubricate screws
to aid assembly

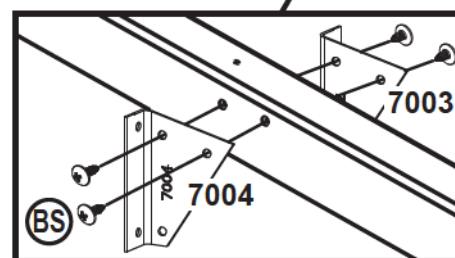
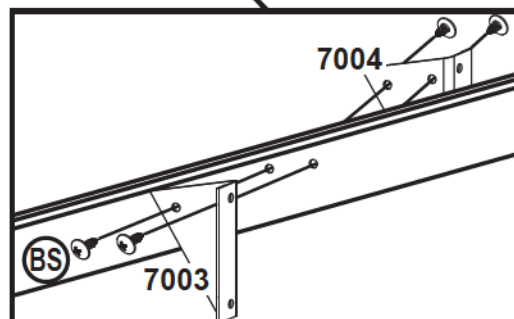
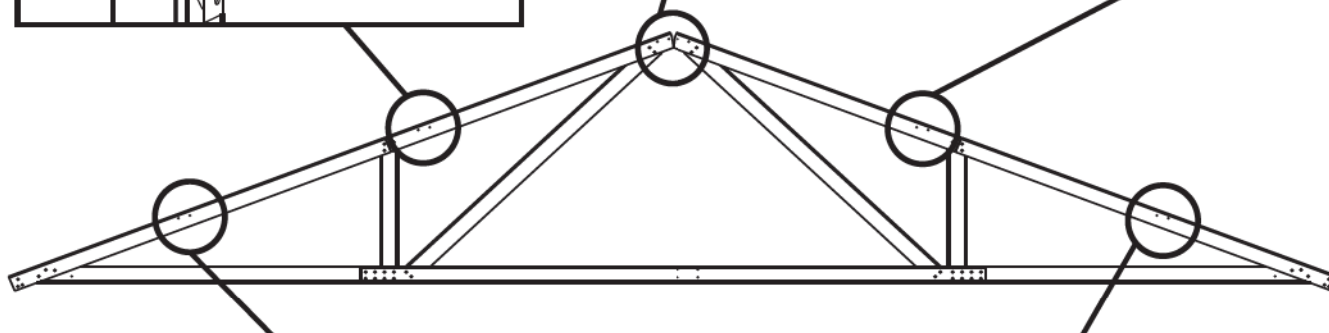
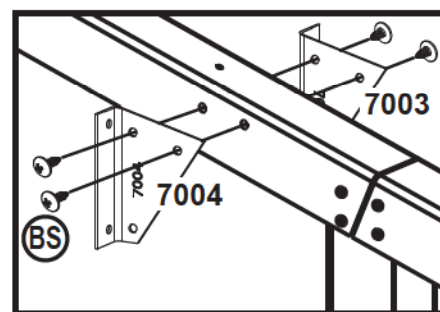
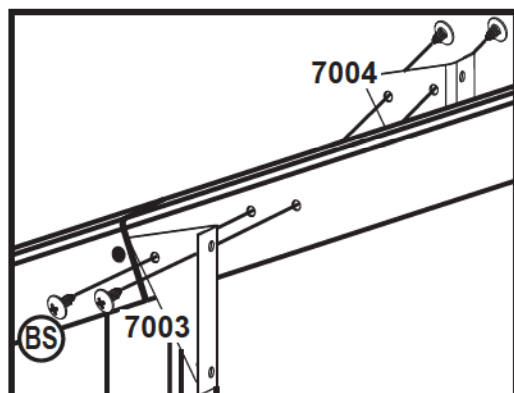
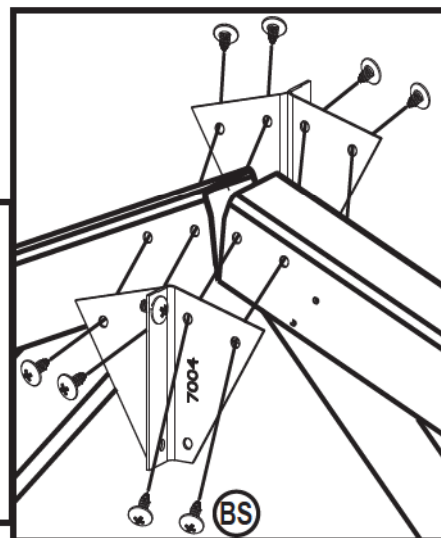
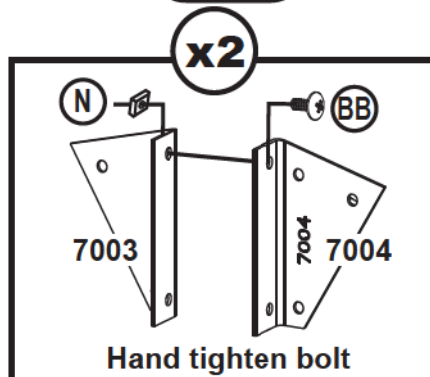




Step 2C



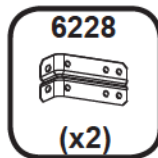
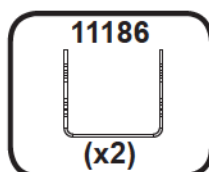
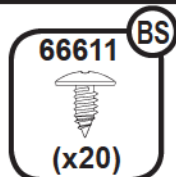
*Lubricate screws
to aid assembly



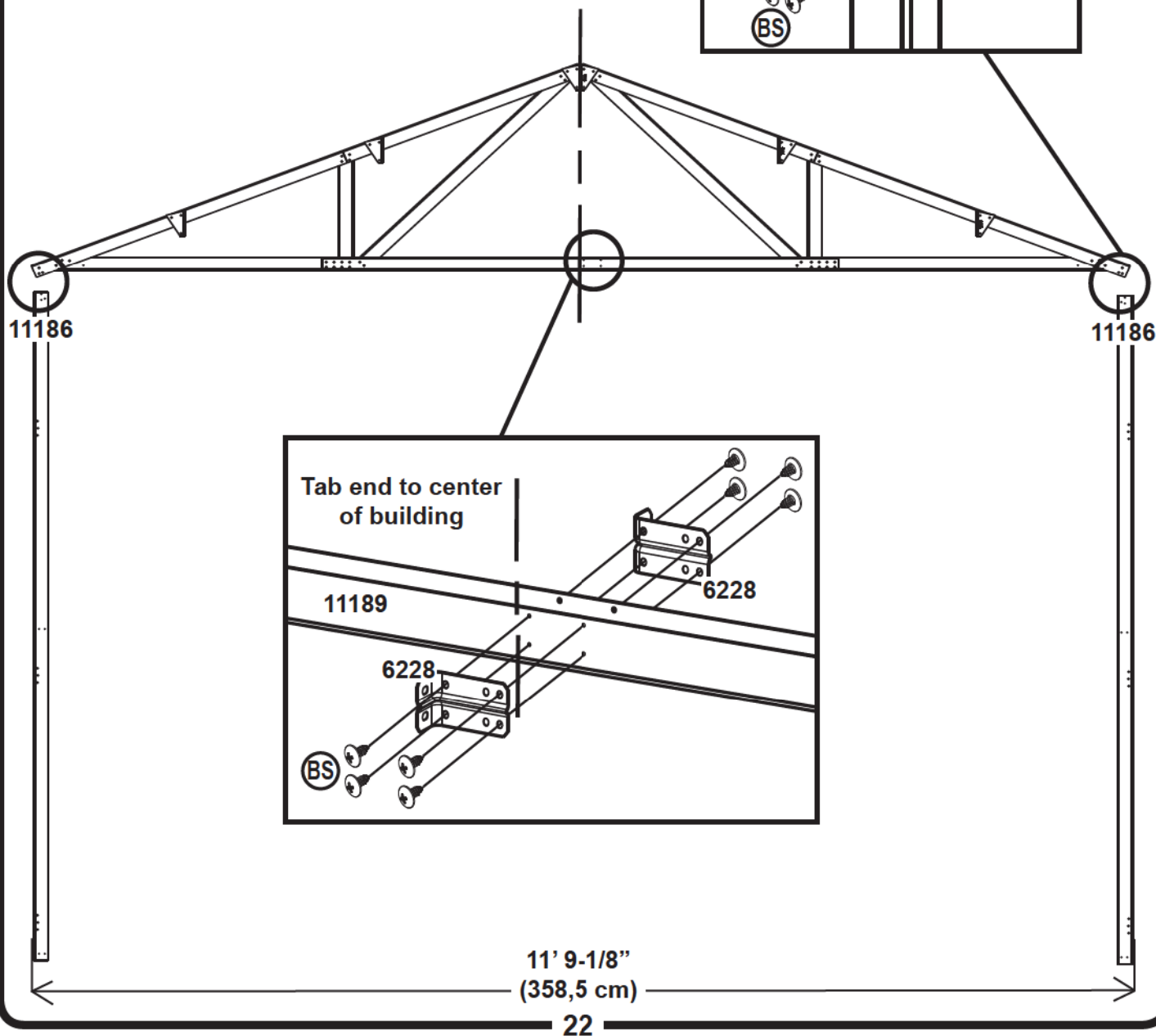
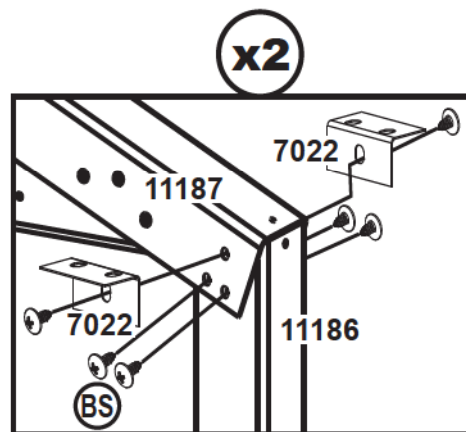
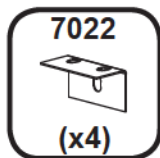


22GW

Step 2D



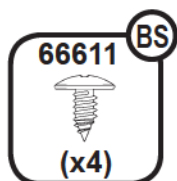
*Lubricate screws
to aid assembly





23GW

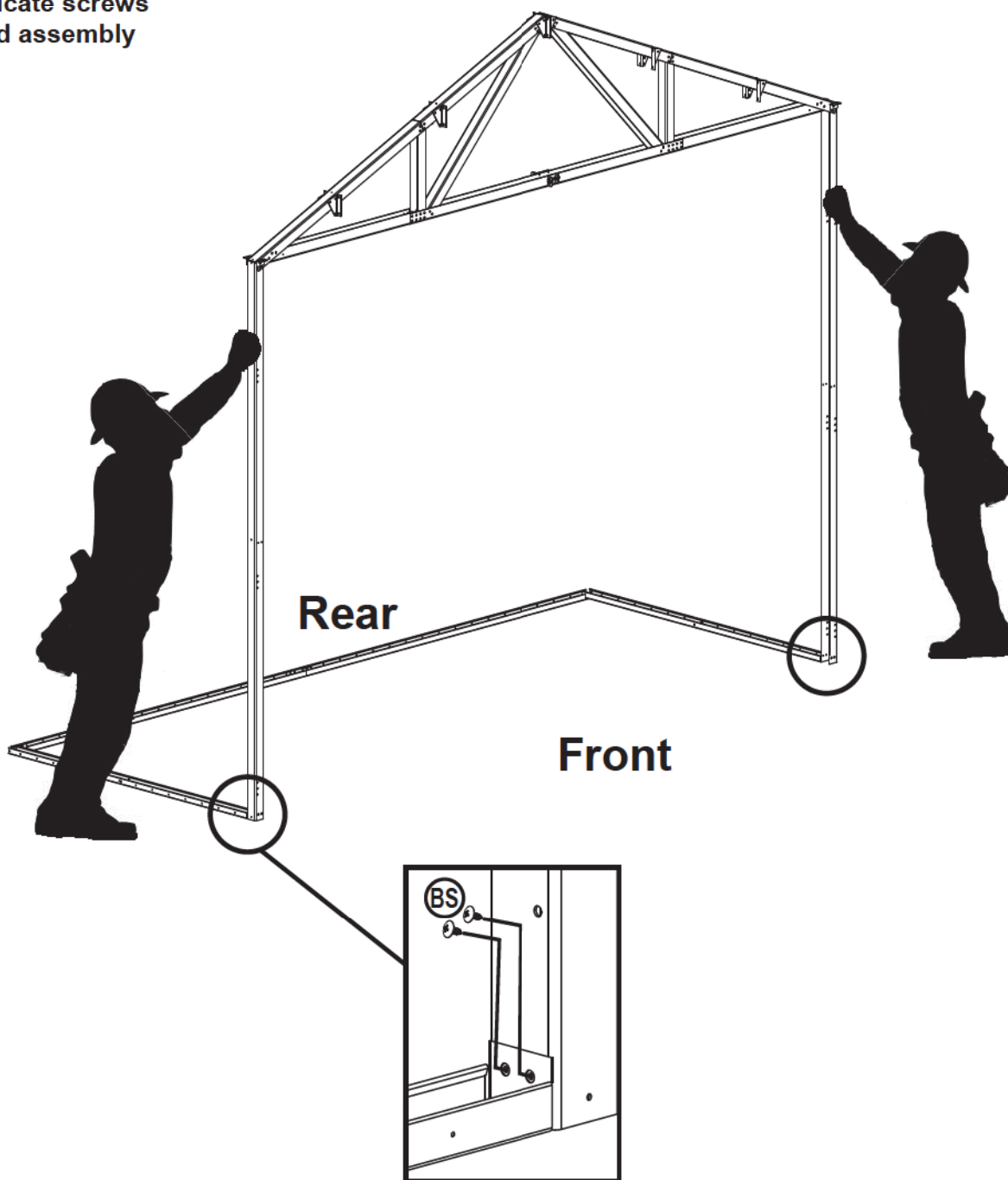
Step 3A



*Lubricate screws
to aid assembly

12x10
Skip to Step 6A
pg 29

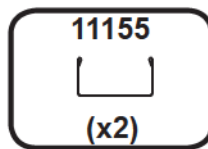
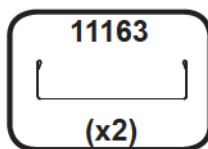
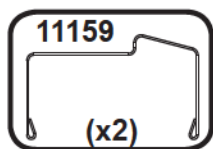
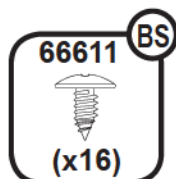
12x15+
Continue on
Next Page



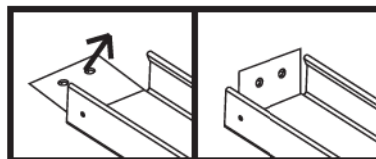
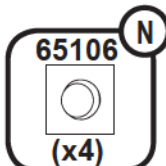
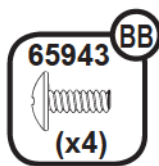


24GW

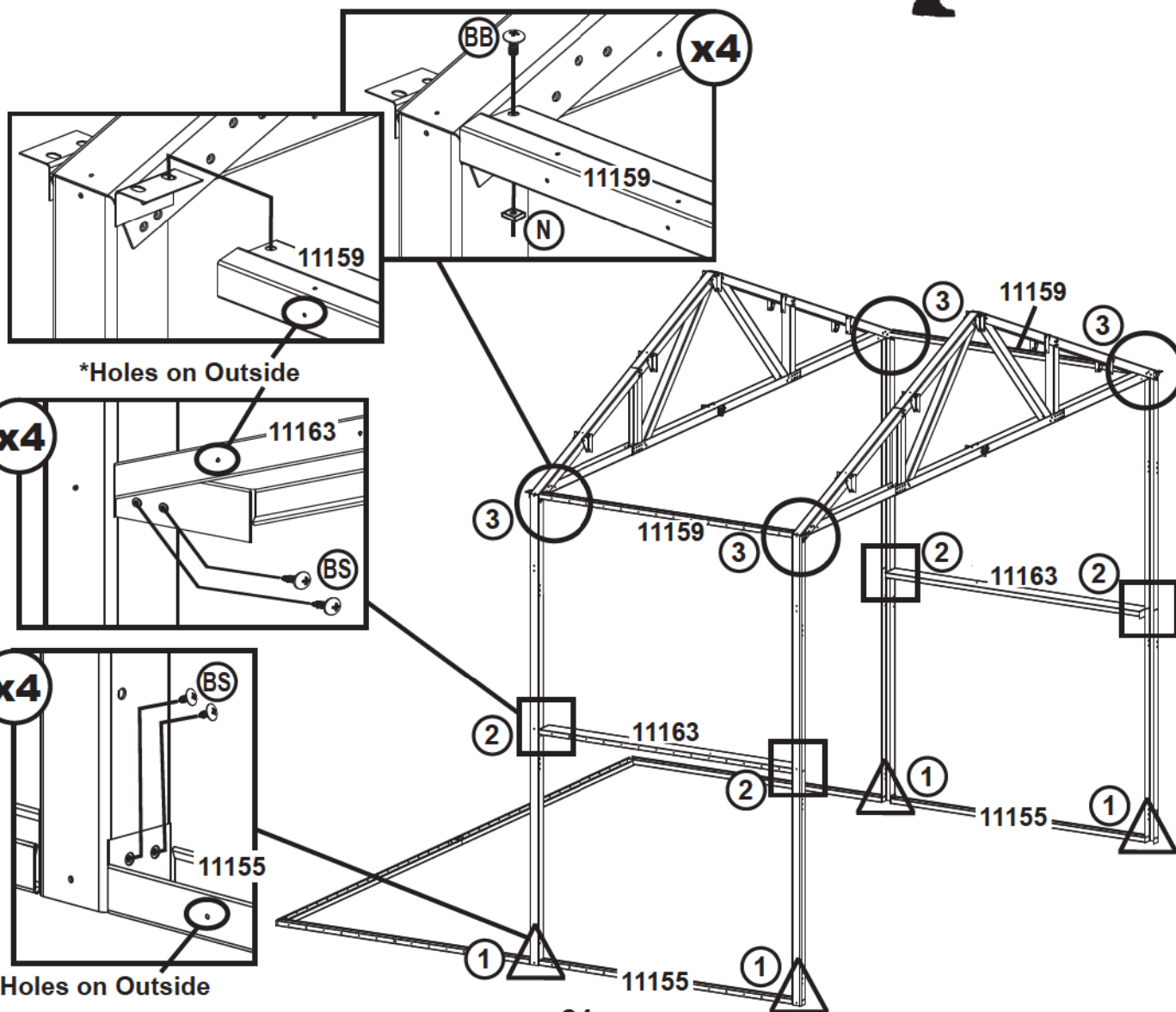
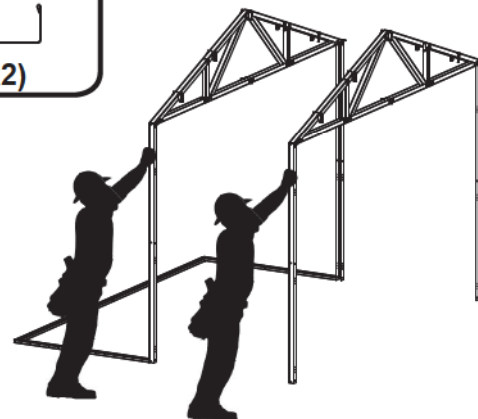
Step 3B

12x15+ Only

*Lubricate screws
to aid assembly



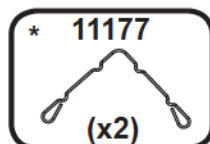
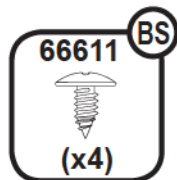
*Bend tabs up for 11163 and 11155





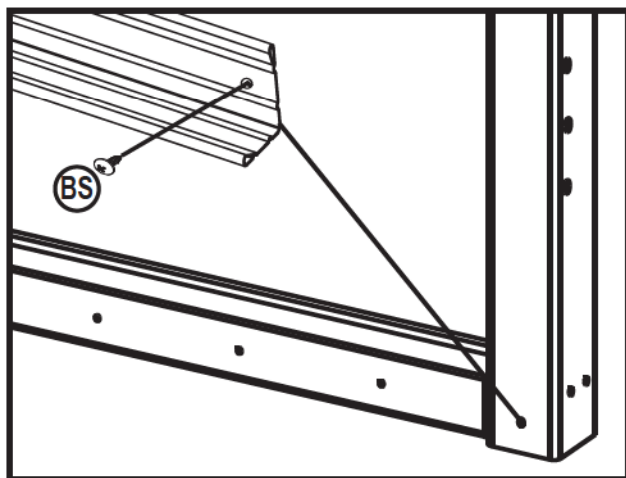
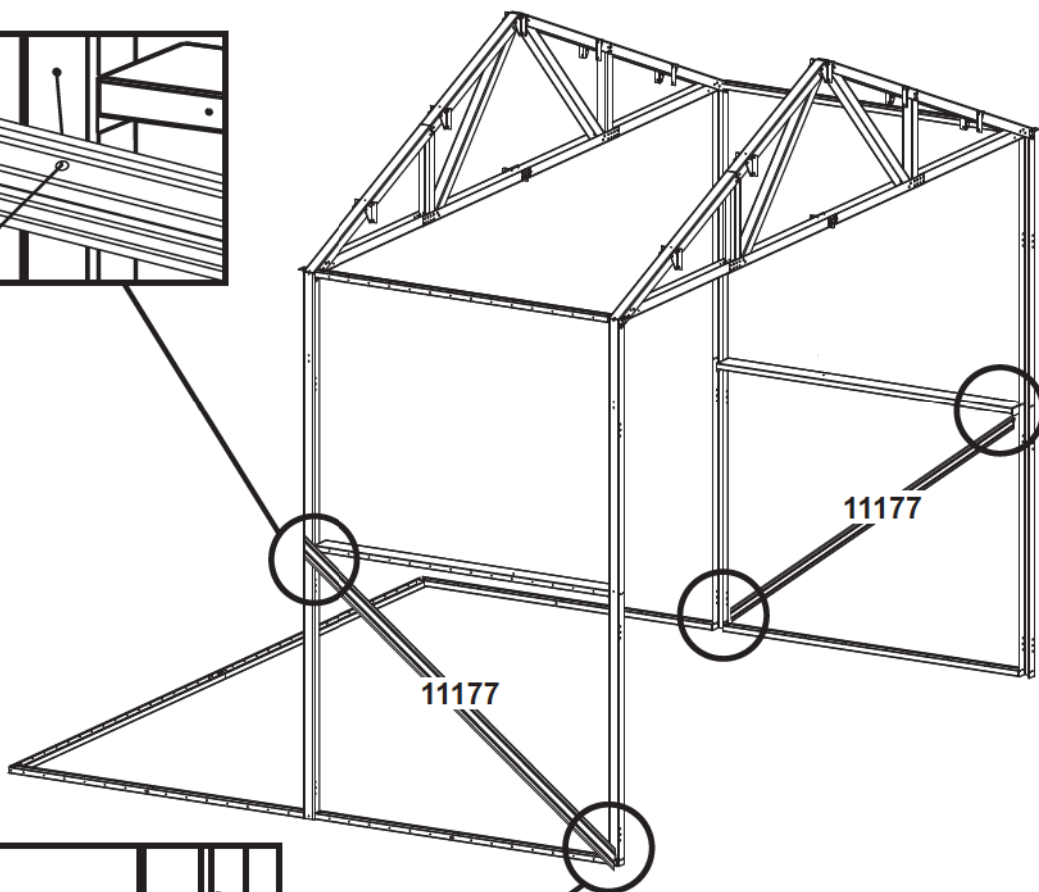
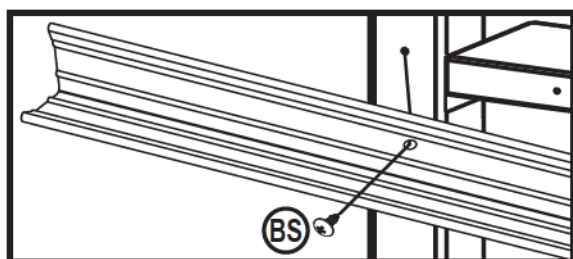
25GW

Step 3C

12x15+ Only

*Lubricate screws
to aid assembly

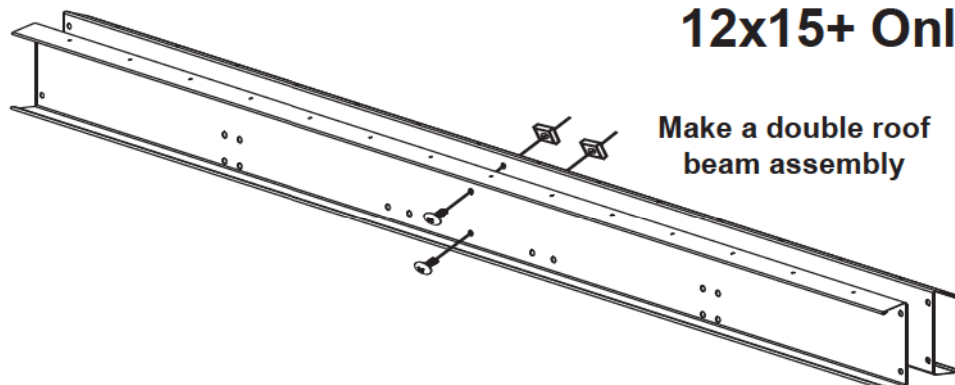
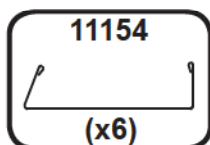
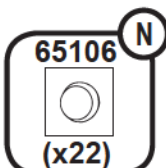
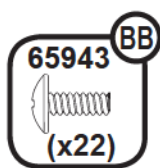
*11177 is for temporary use in this step
and is used in a later step





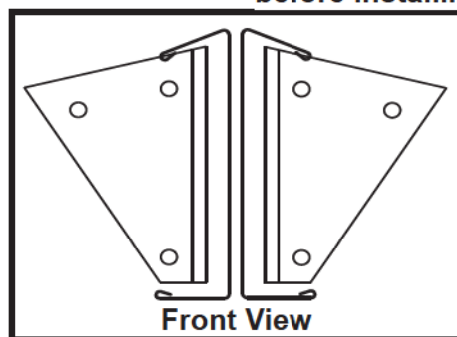
Step 4A

12x15+ Only

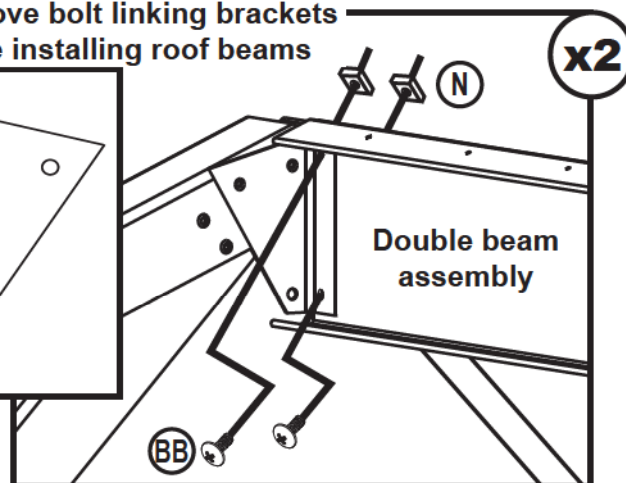


Make a double roof beam assembly

*Remove bolt linking brackets before installing roof beams

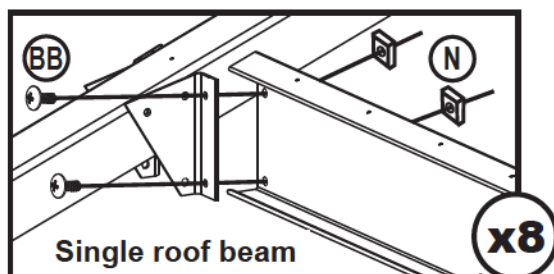


Front View



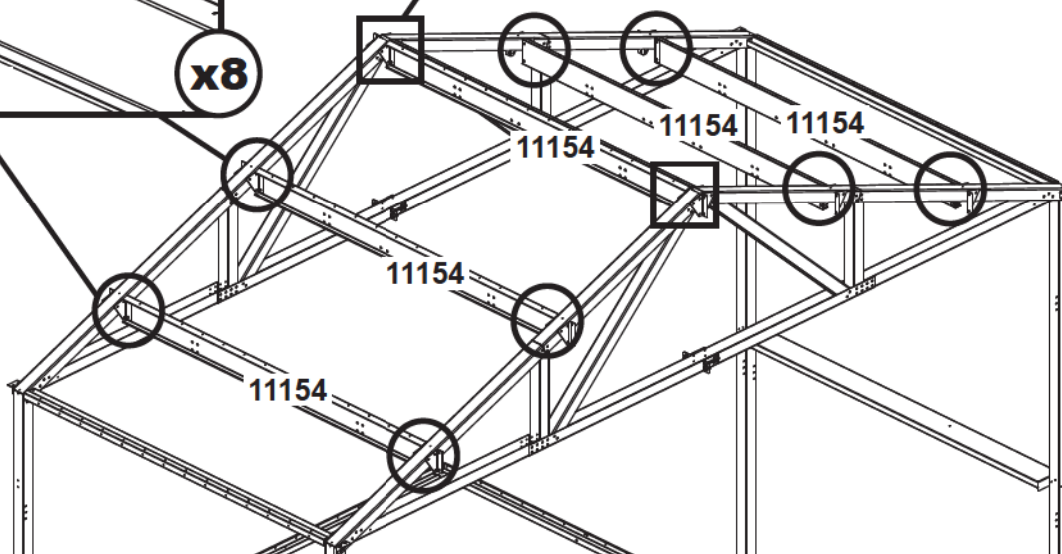
Double beam assembly

x2



Single roof beam

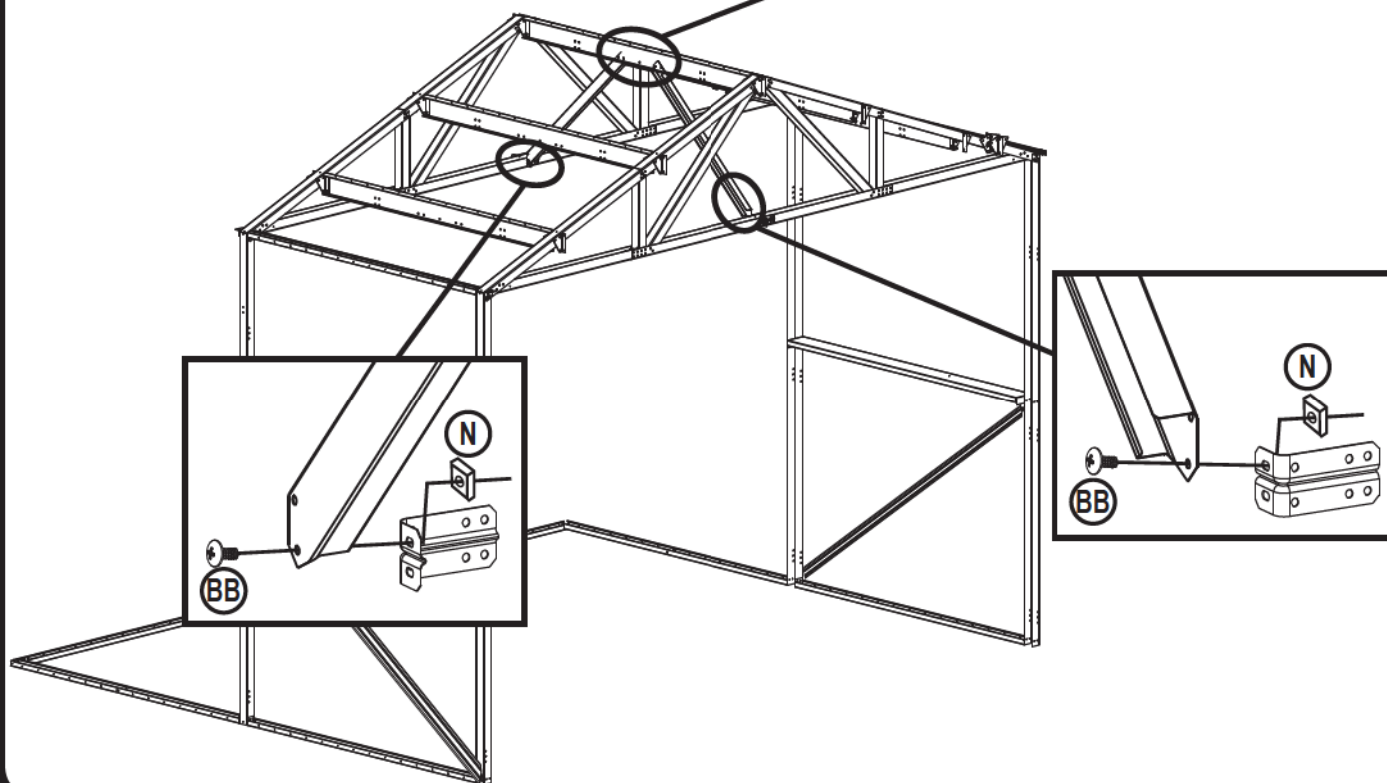
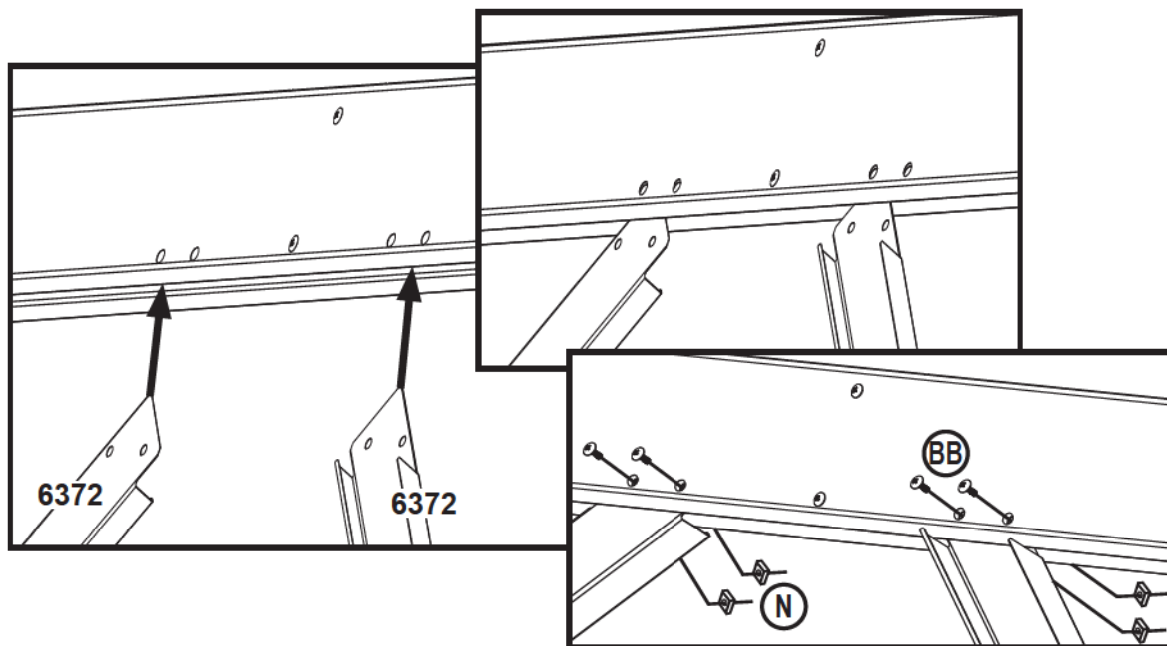
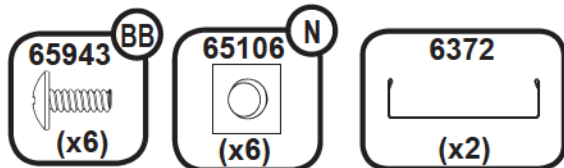
x8





27GW

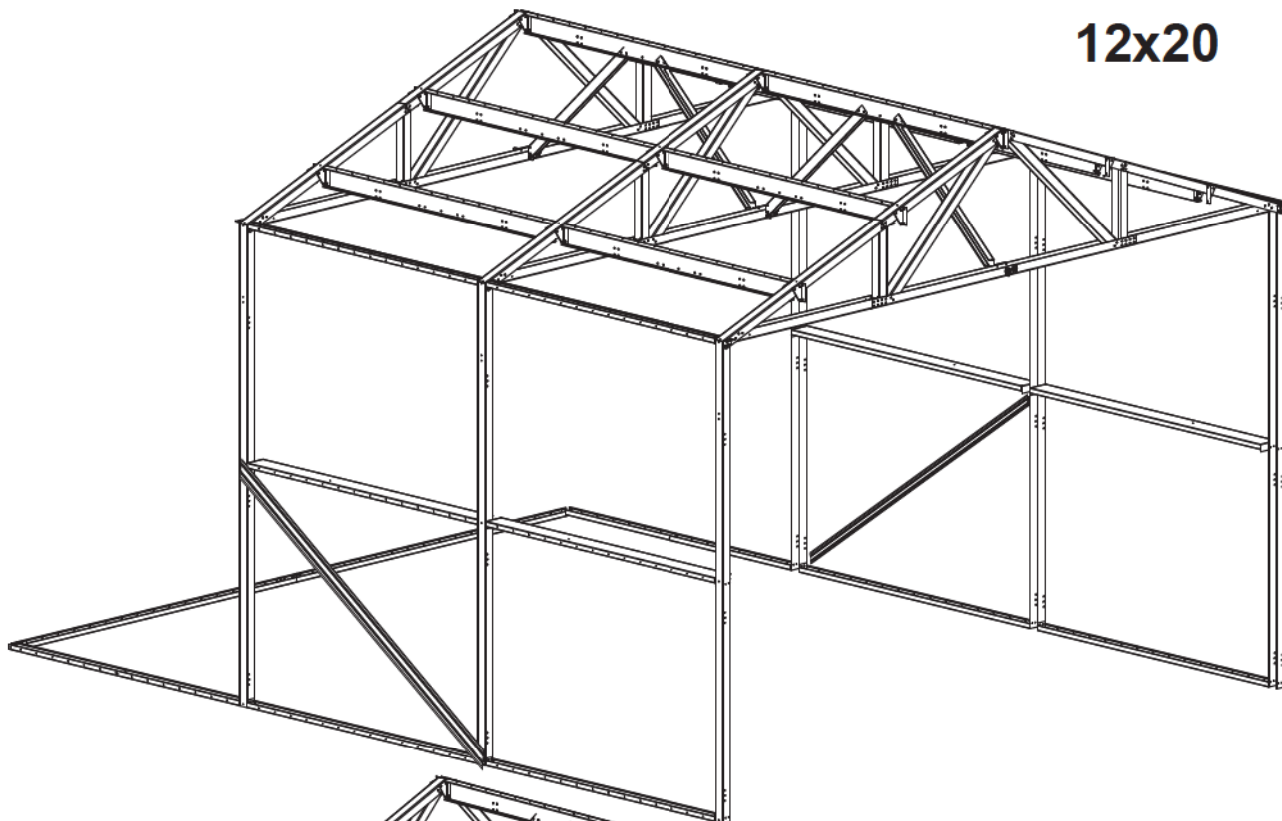
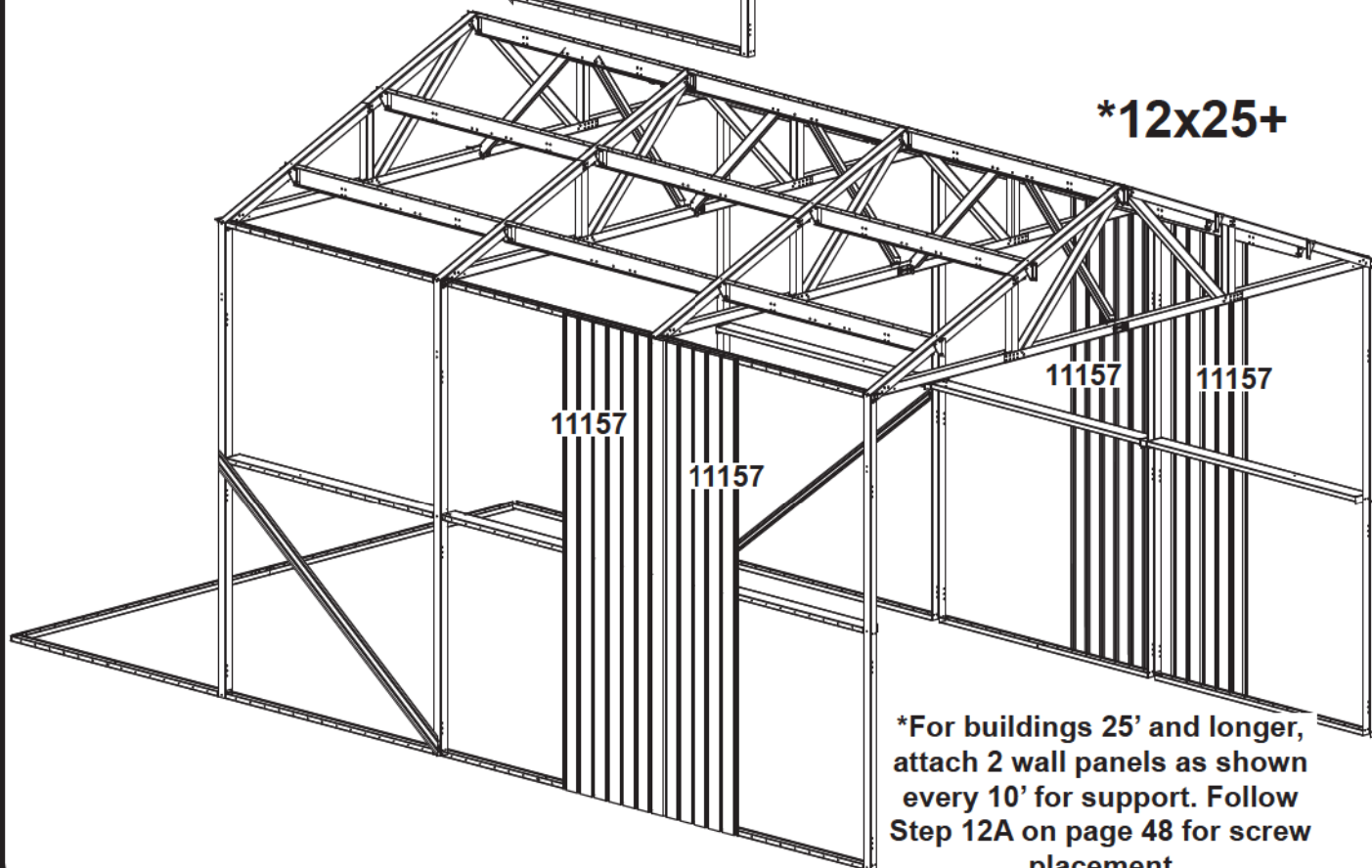
Step 4B

12x15+ Only



28GW

Step 5

12x20***12x25+**

*For buildings 25' and longer, attach 2 wall panels as shown every 10' for support. Follow Step 12A on page 48 for screw placement



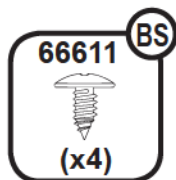


29GW

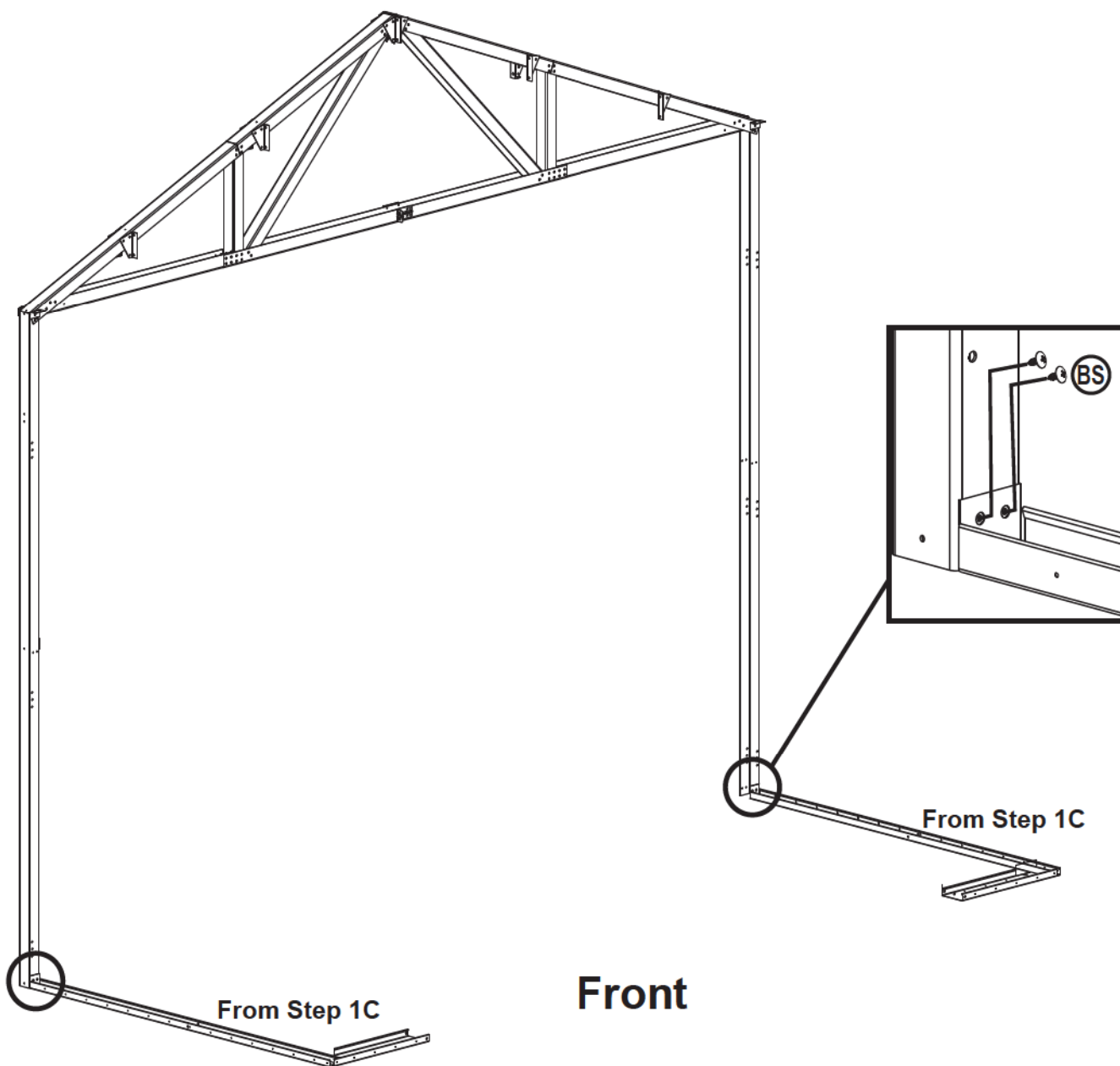
Step 6A

12x10+ Continued

Continue supporting truss for 12x10+ until frame is complete



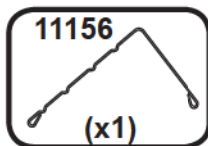
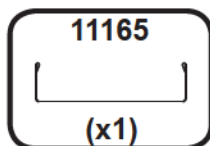
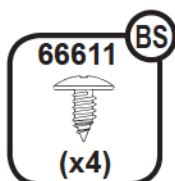
*Lubricate screws to aid assembly



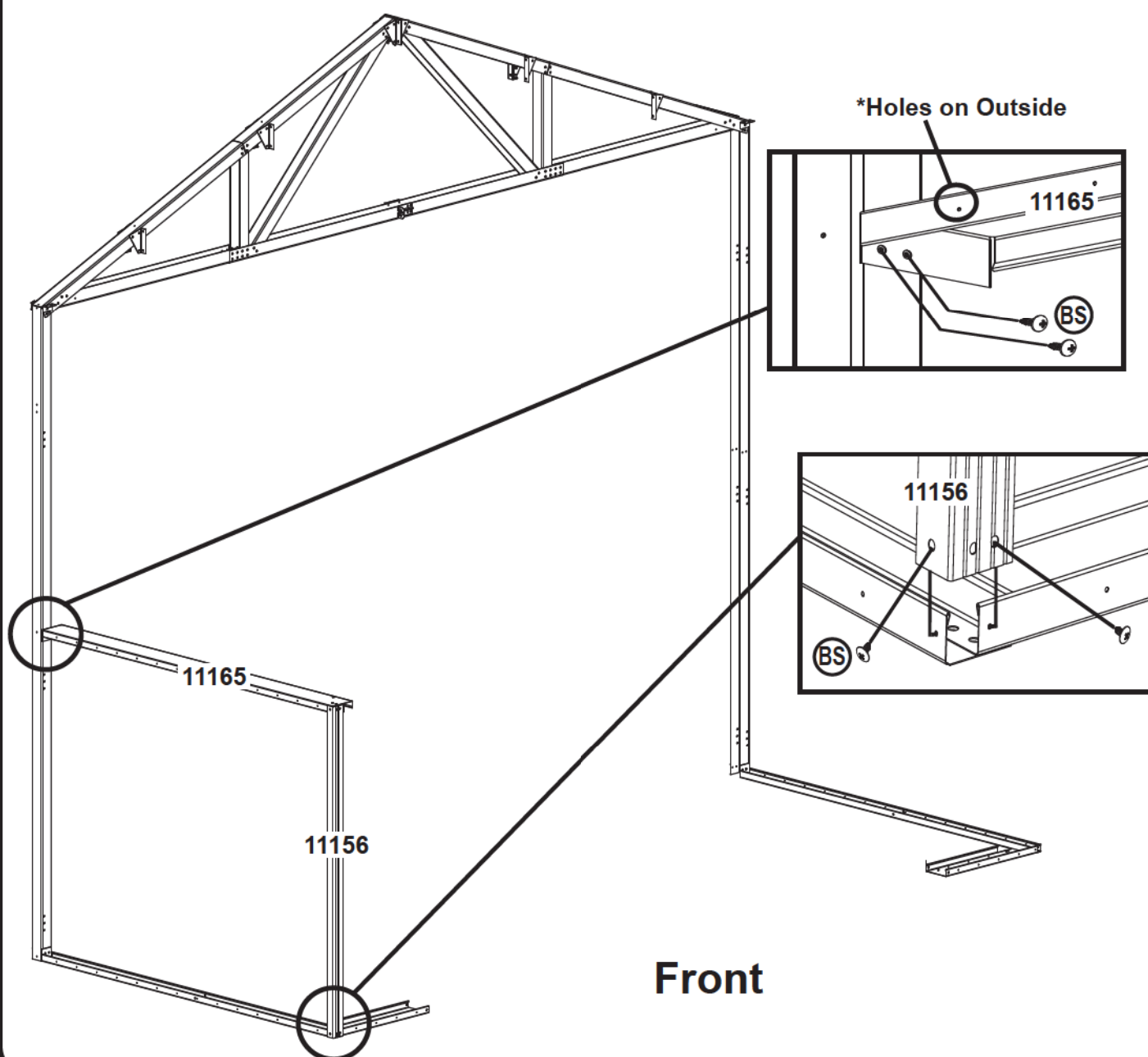


30GW

Step 6B



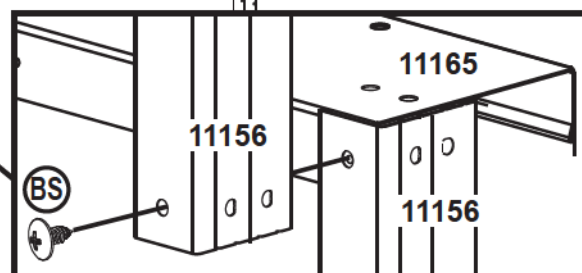
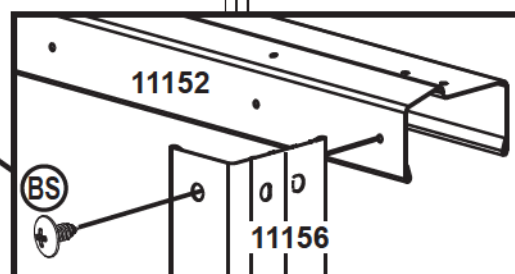
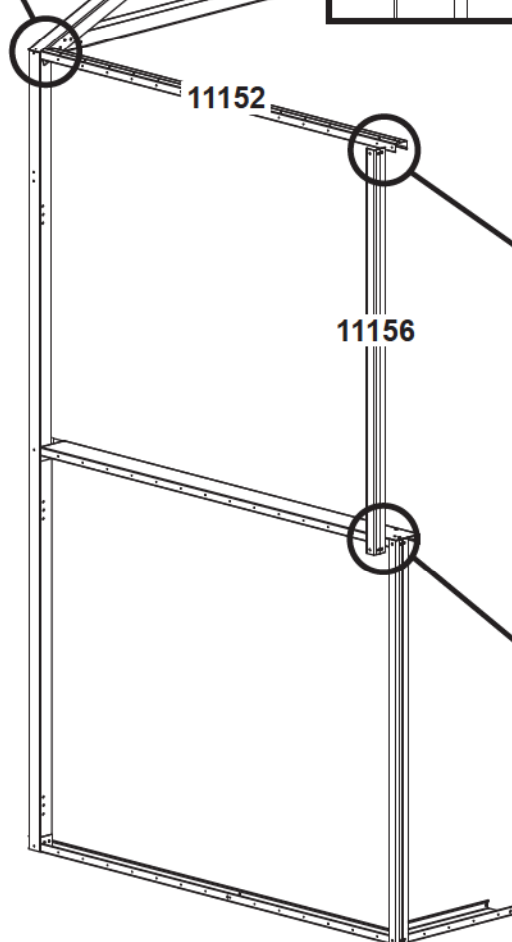
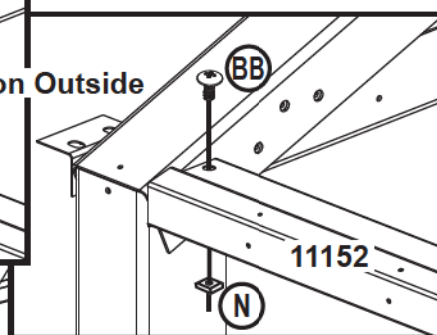
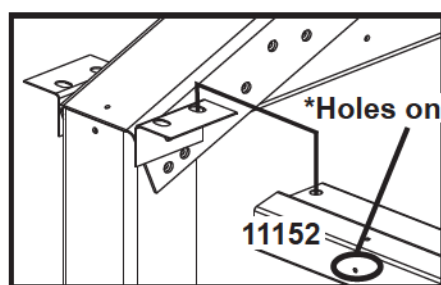
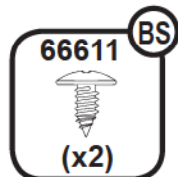
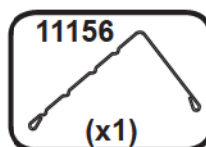
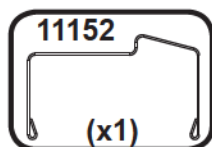
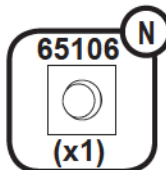
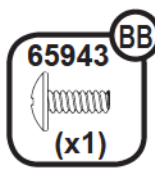
*Lubricate screws
to aid assembly





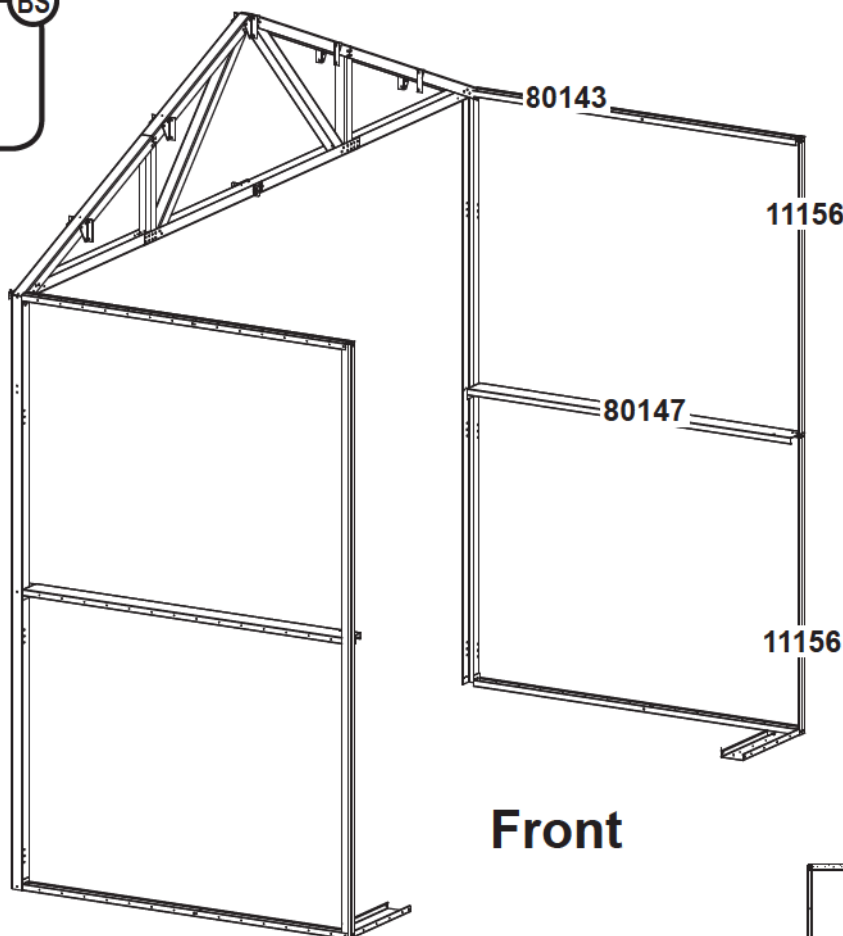
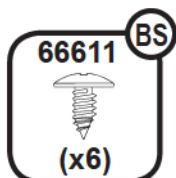
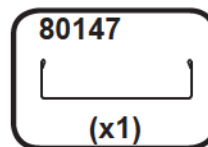
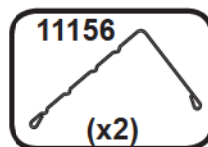
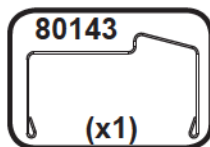
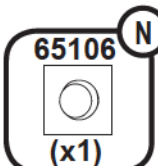
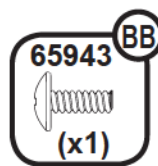
31GW

Step 6C

**Front**



Step 6D

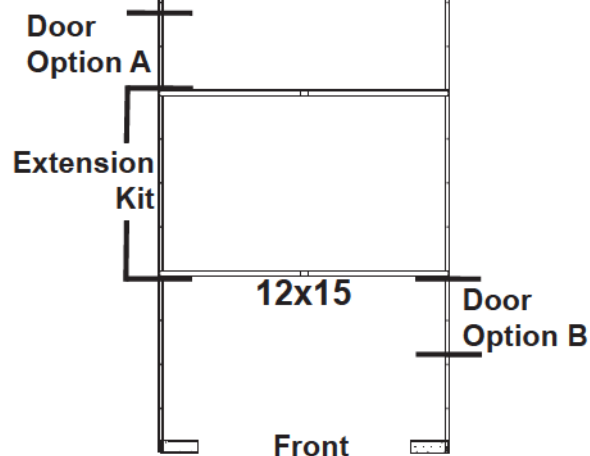
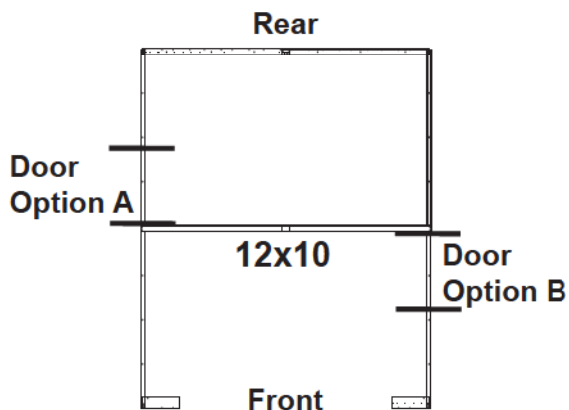


Repeat Steps 6B and 6C for the other side with holes facing outside

For Door Option B, follow Step 9 on page 39 in place of this step

Front

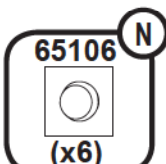
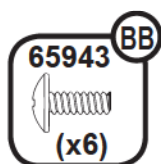
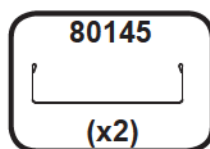
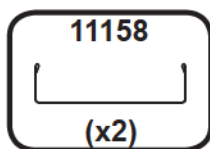
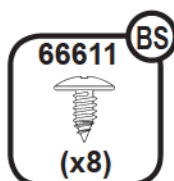
Rear



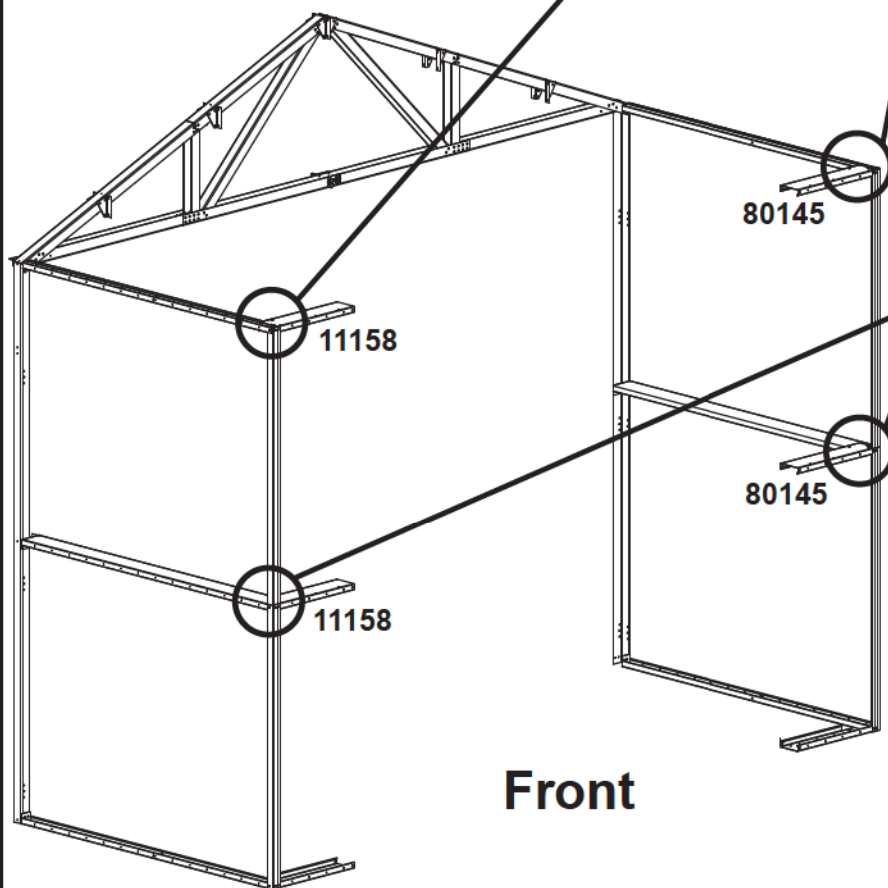
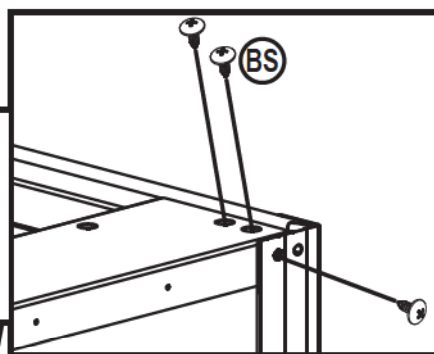
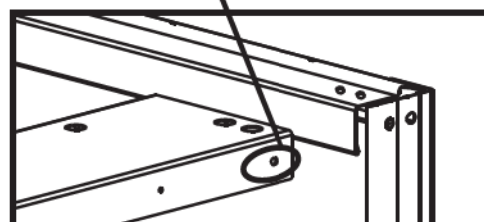


33GW

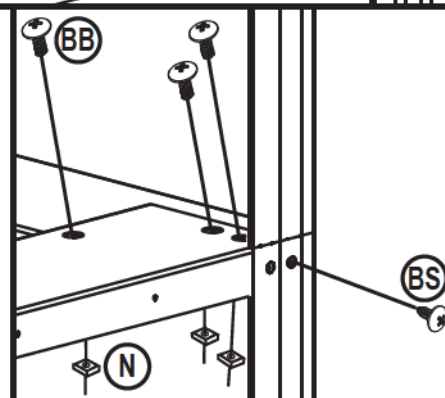
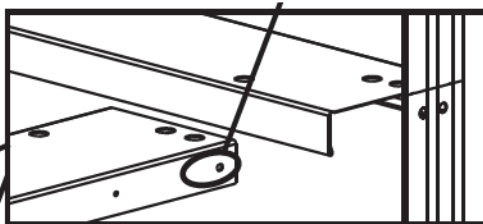
Step 6E



*Holes on Outside



*Holes on Outside



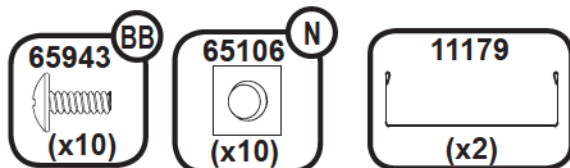
Front



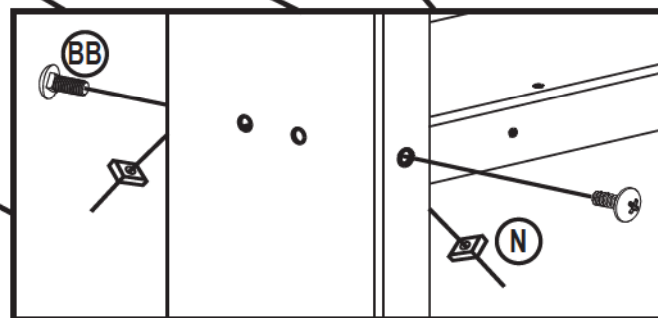
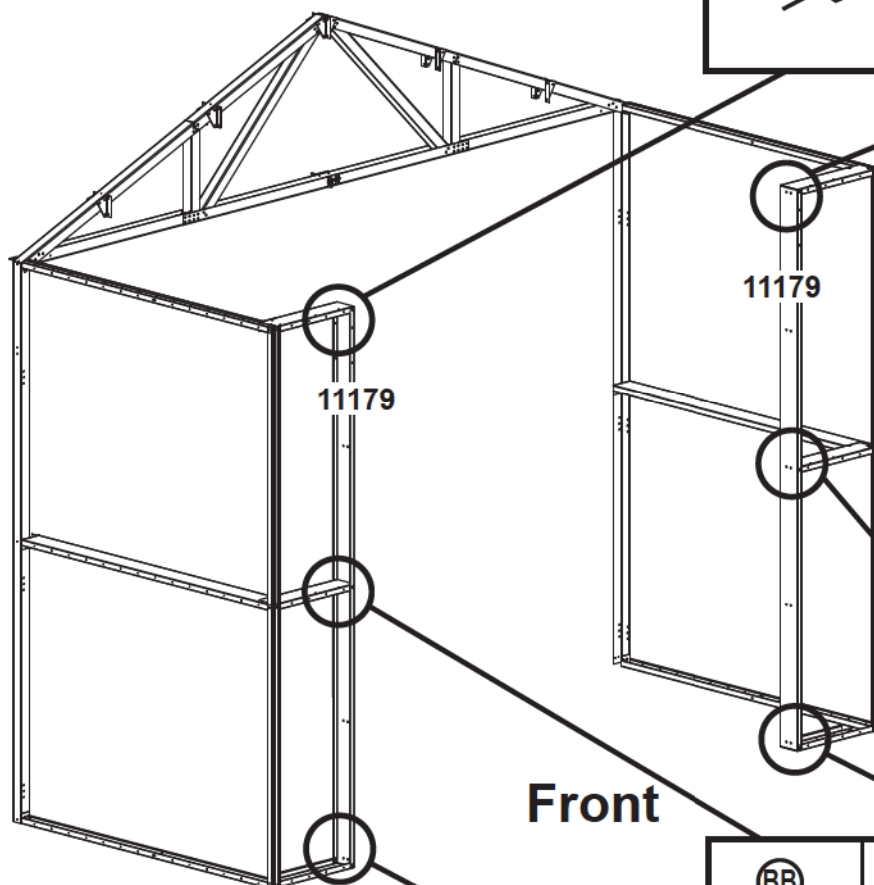
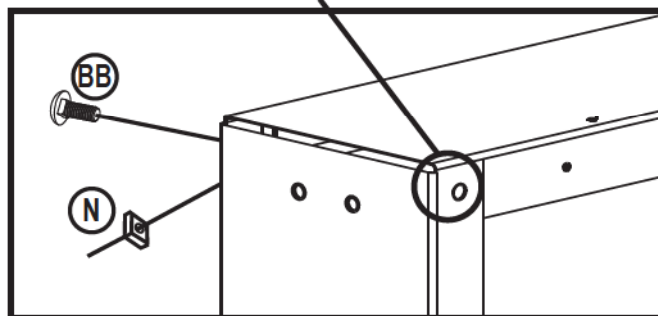


34GW

Step 7A



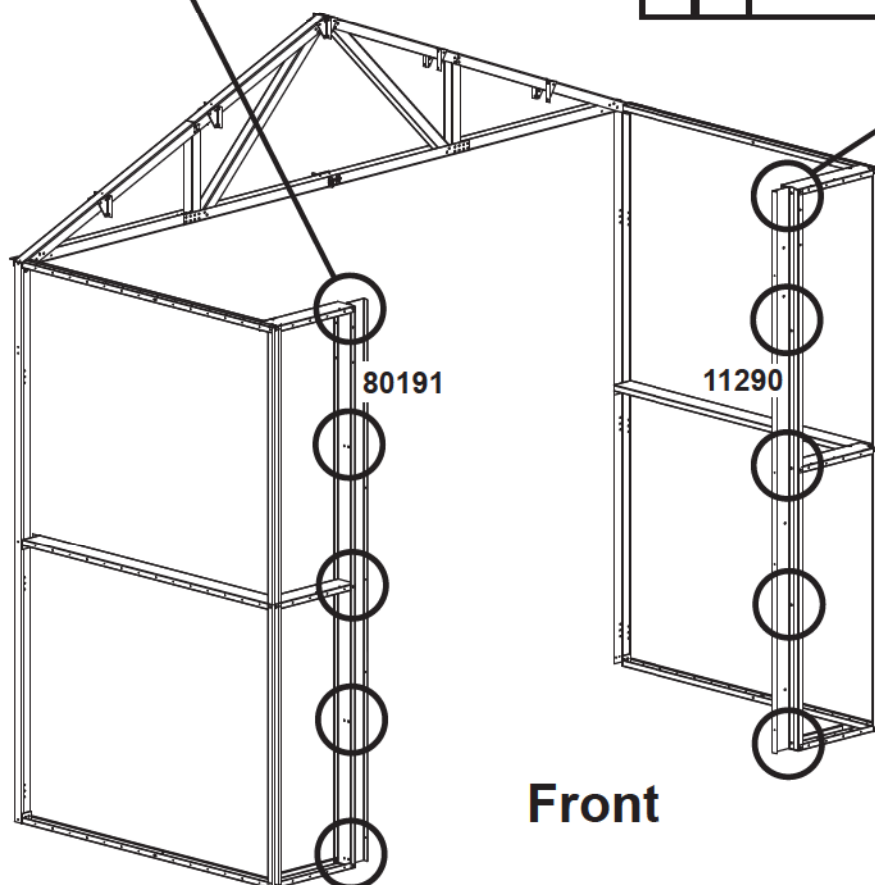
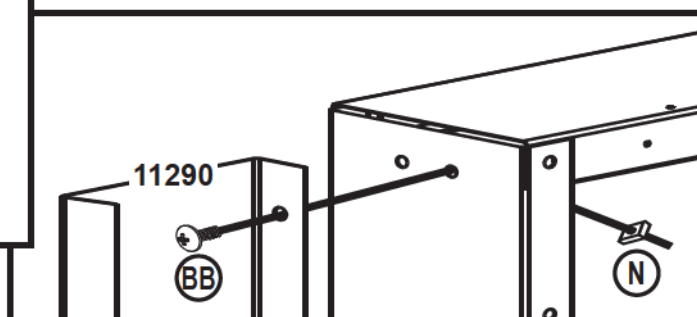
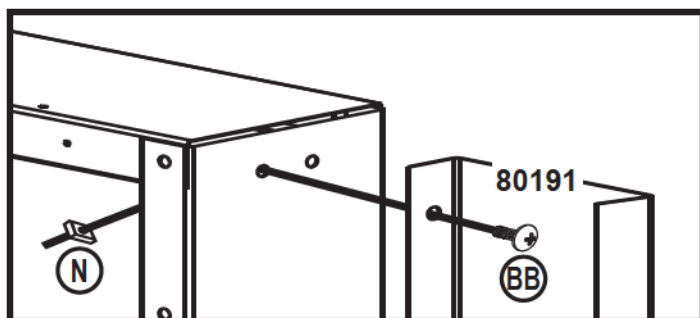
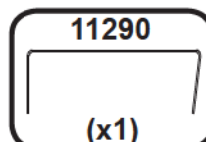
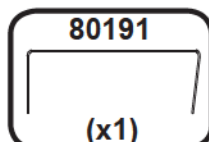
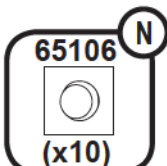
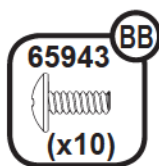
*Leave outside top bolt
out for both columns





35GW

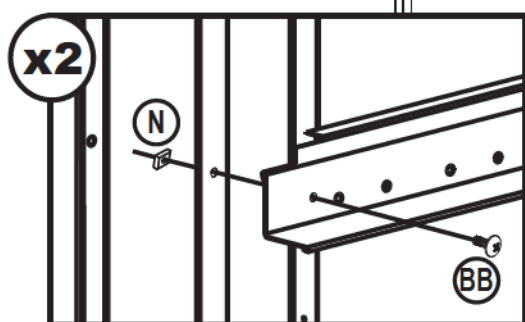
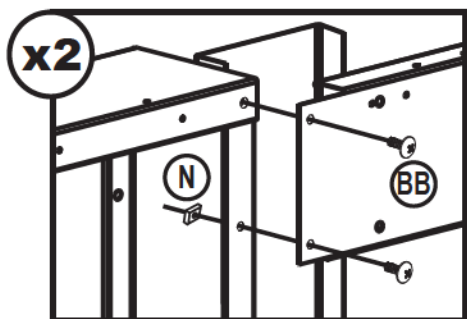
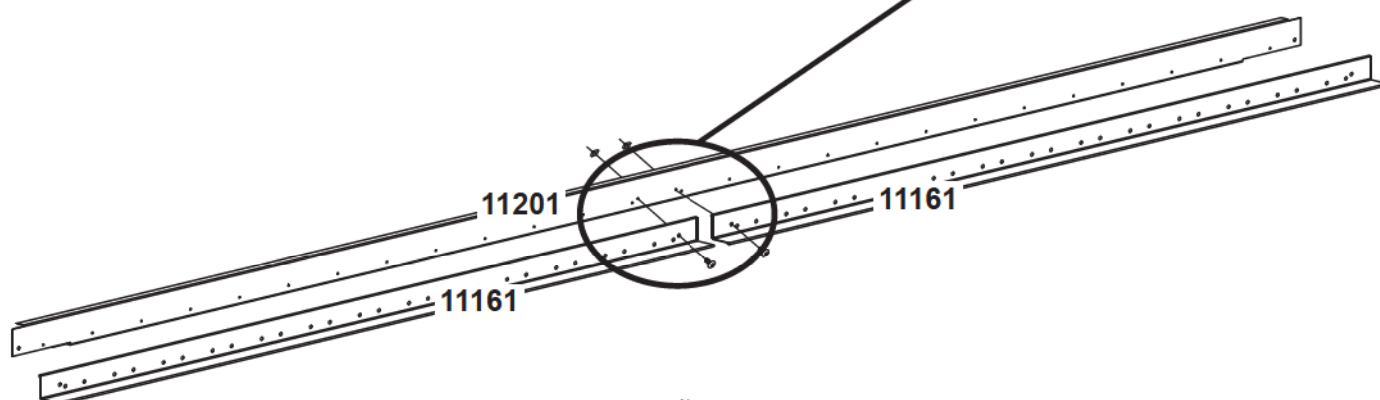
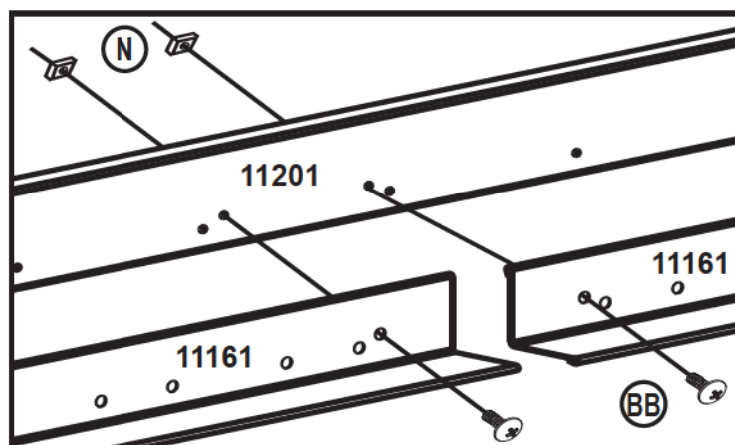
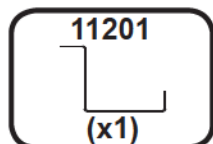
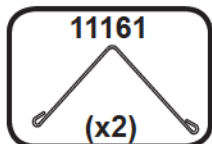
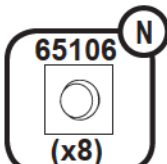
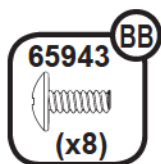
Step 7B





36GW

Step 7C



From Step 1A

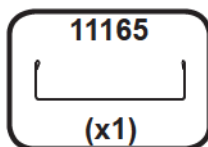
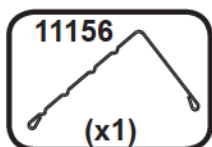
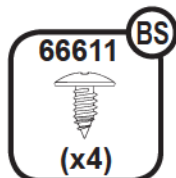
Front



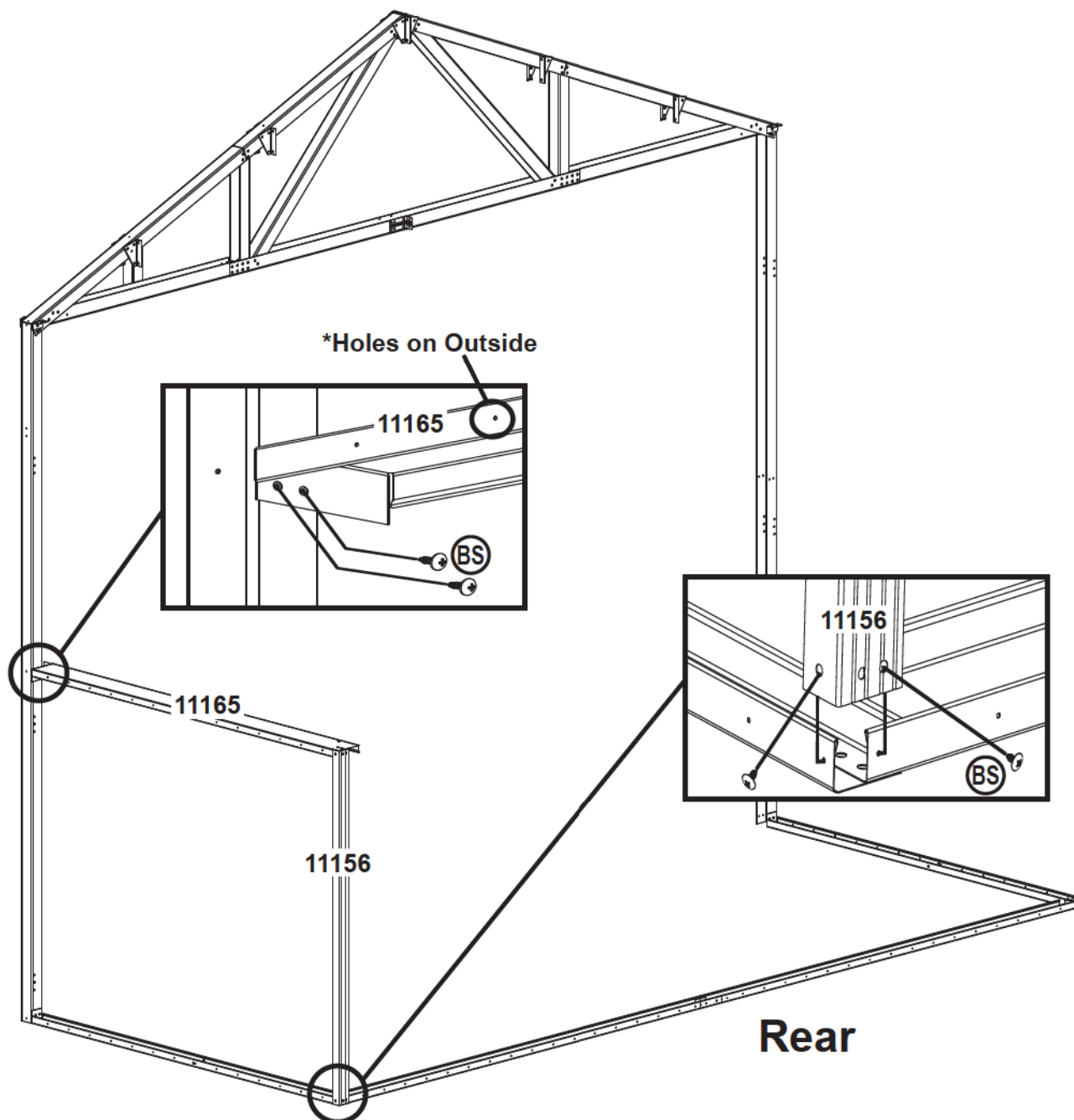


37GW

Step 8A



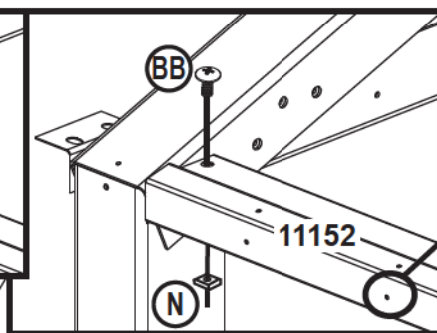
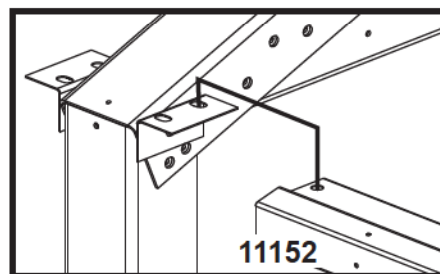
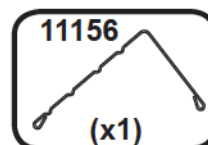
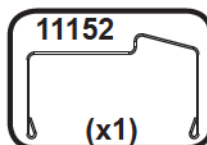
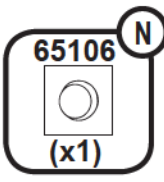
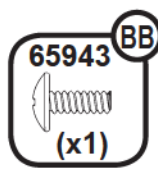
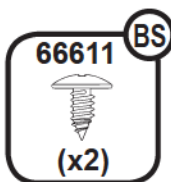
*Lubricate screws
to aid assembly



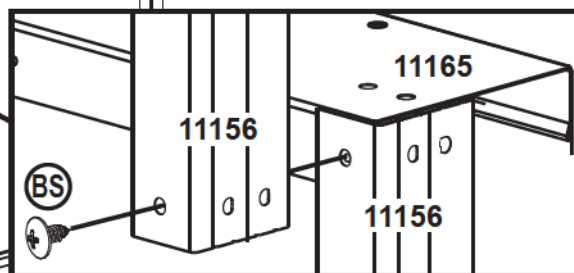
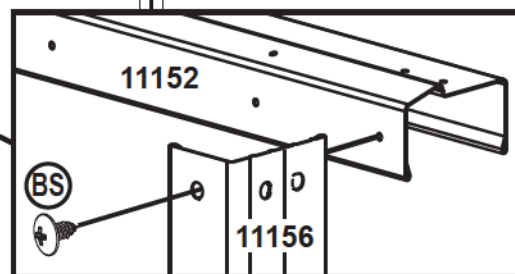
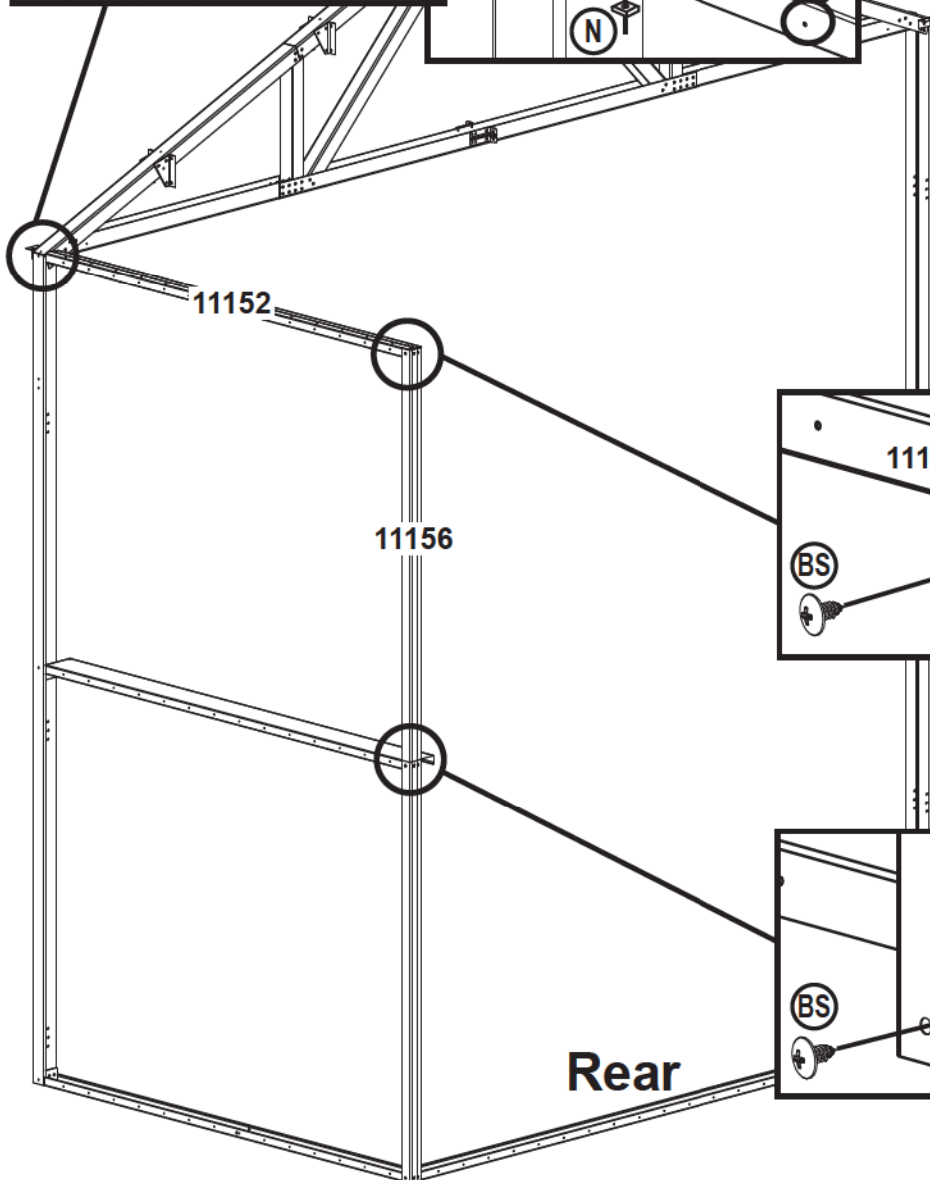


38GW

Step 8B



*Holes on Outside



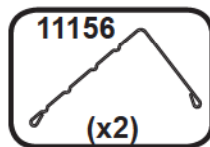
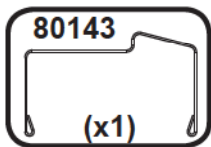
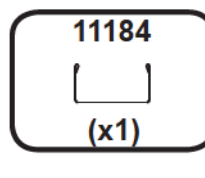
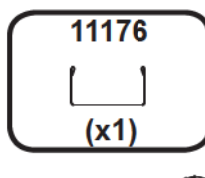
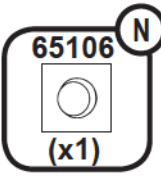
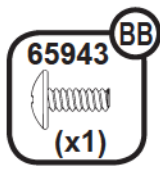
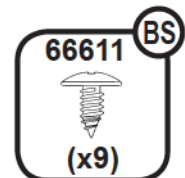
Rear



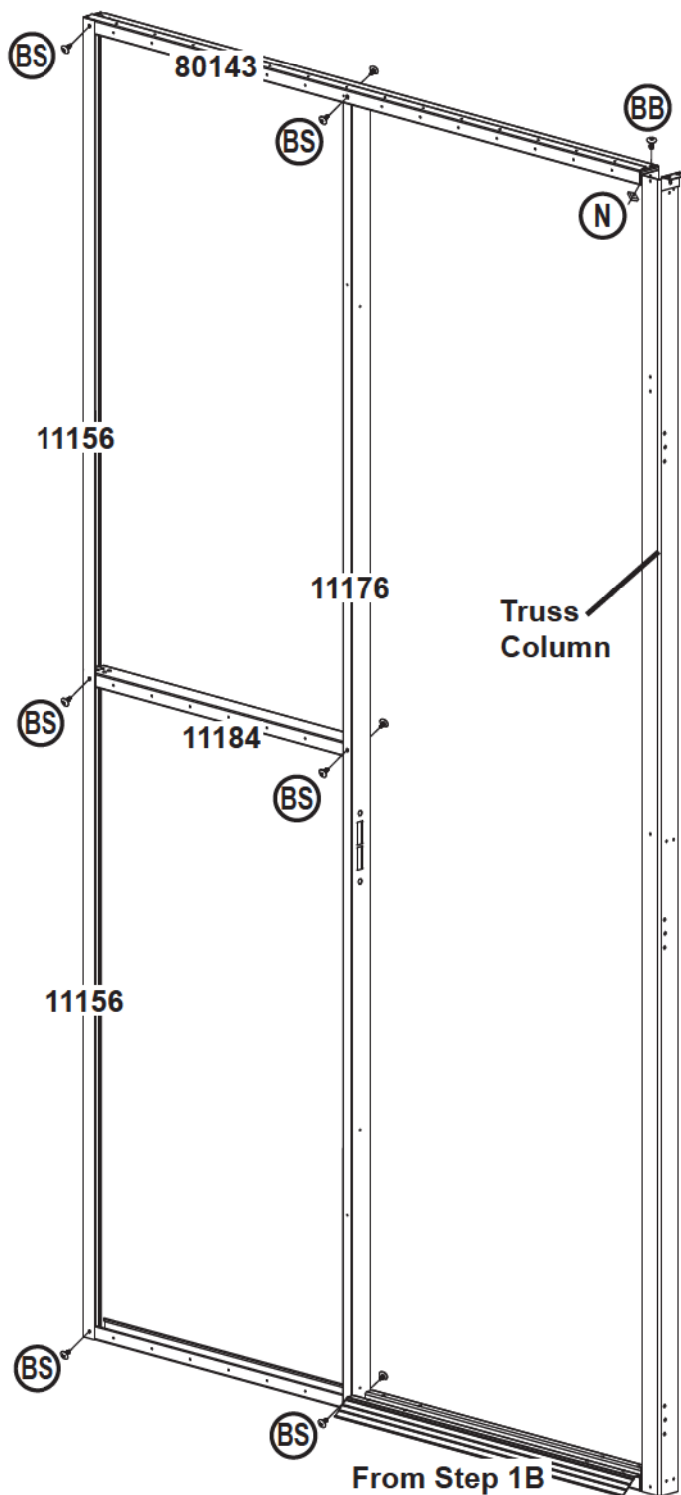
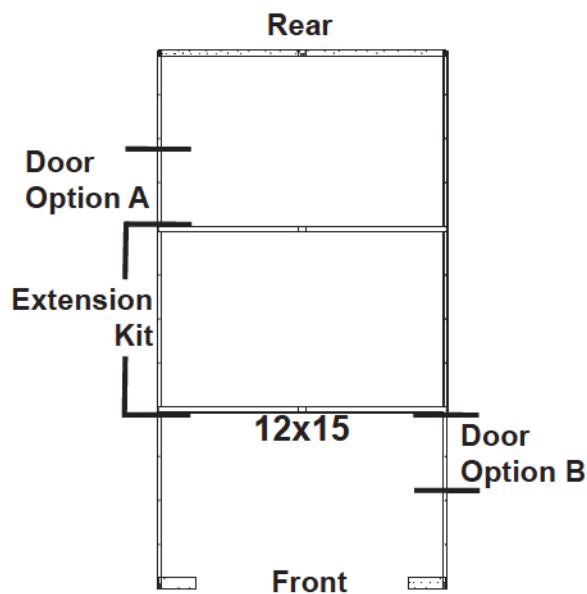
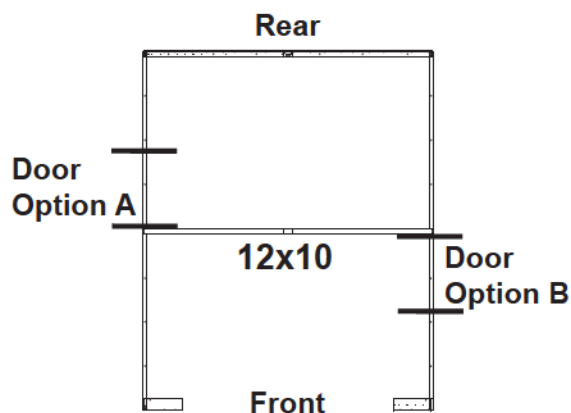


39GW

Step 9



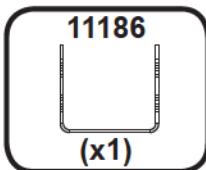
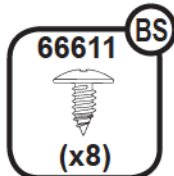
For Door Option B, follow Step 6D on page 32 in place of this step



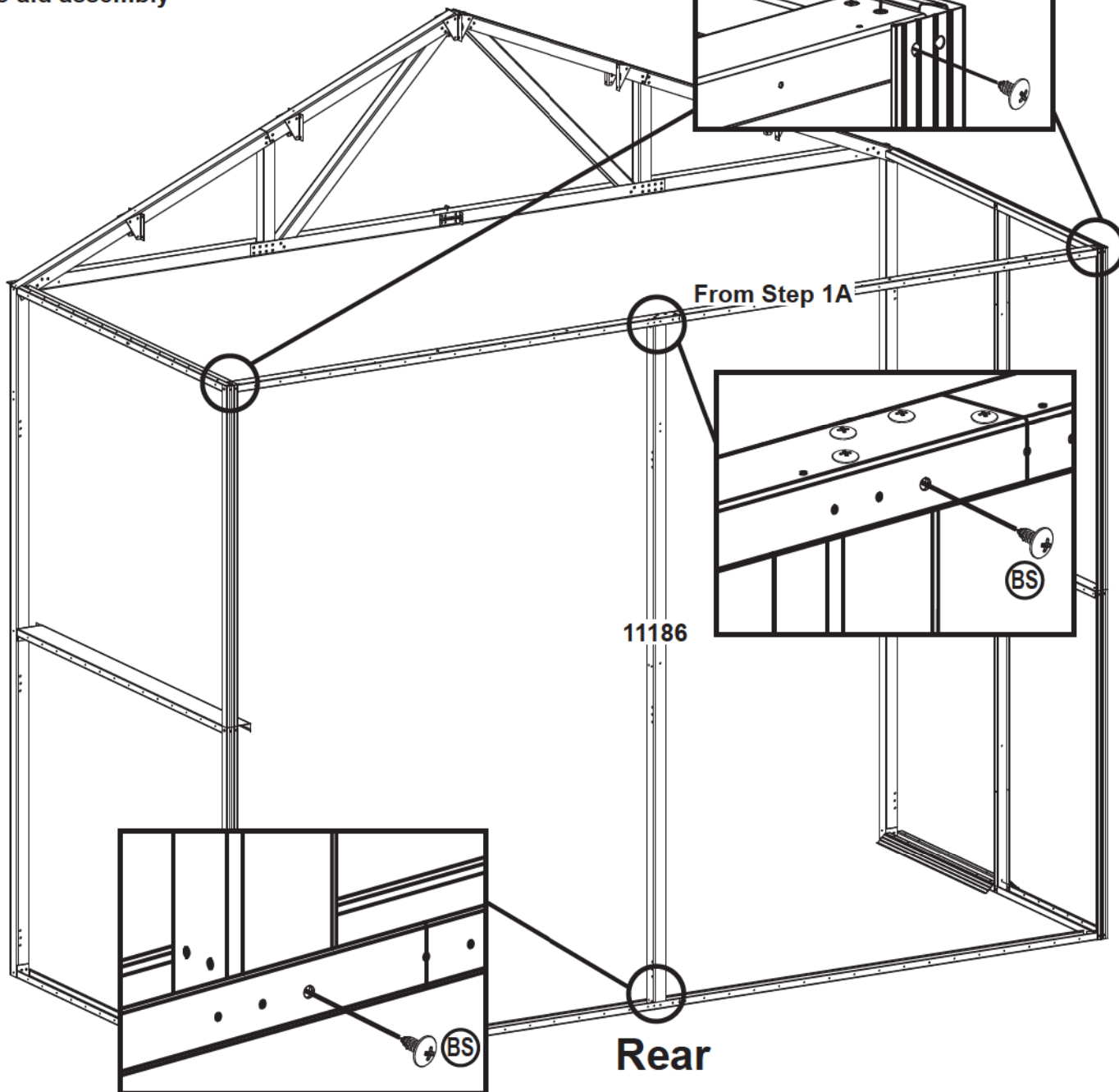
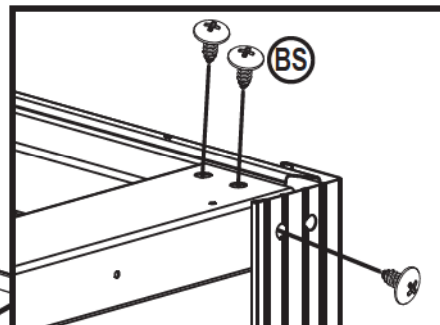


Step 10A

40GW



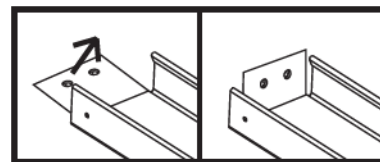
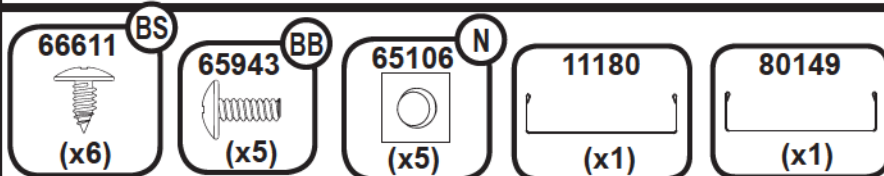
*Lubricate screws
to aid assembly





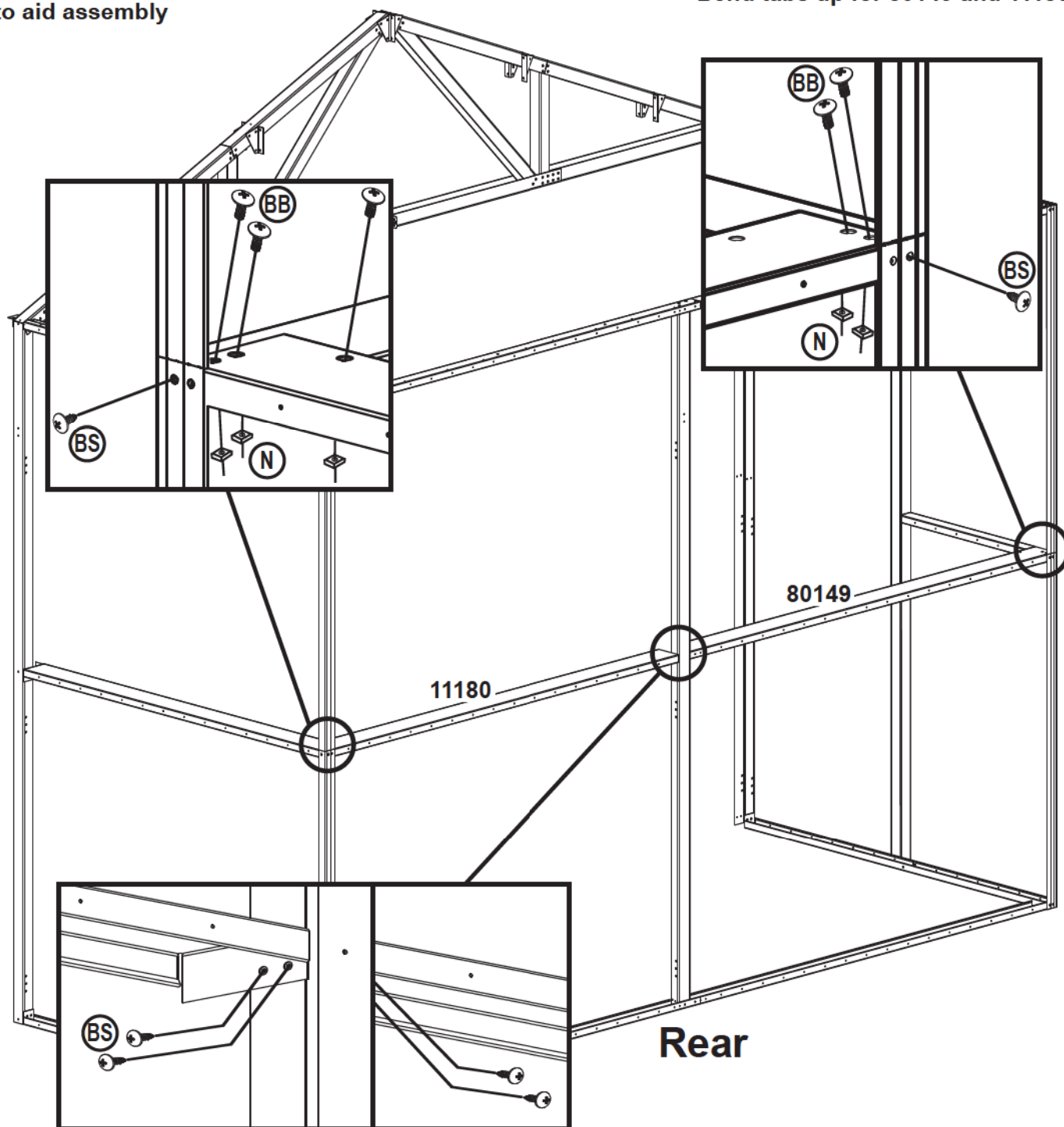
41GW

Step 10B



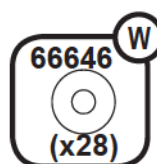
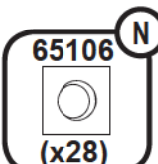
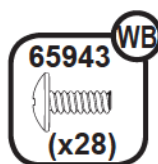
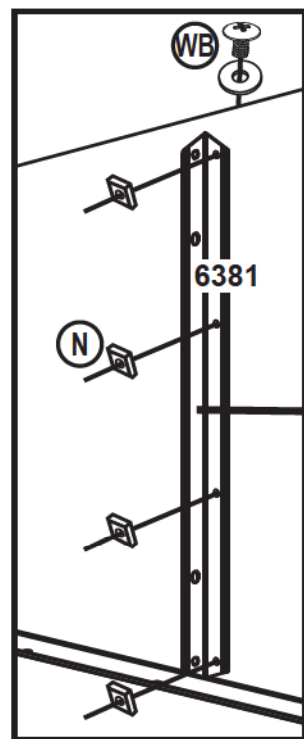
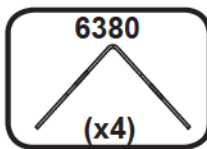
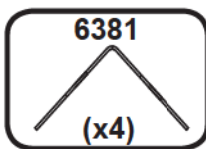
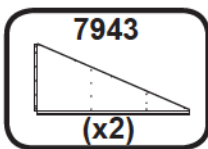
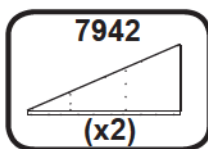
*Lubricate screws
to aid assembly

*Bend tabs up for 80149 and 11180





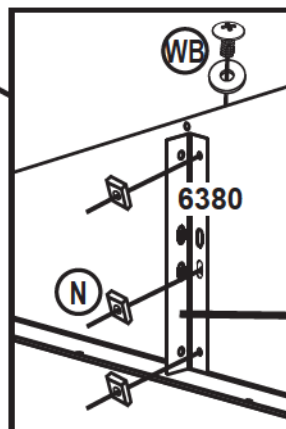
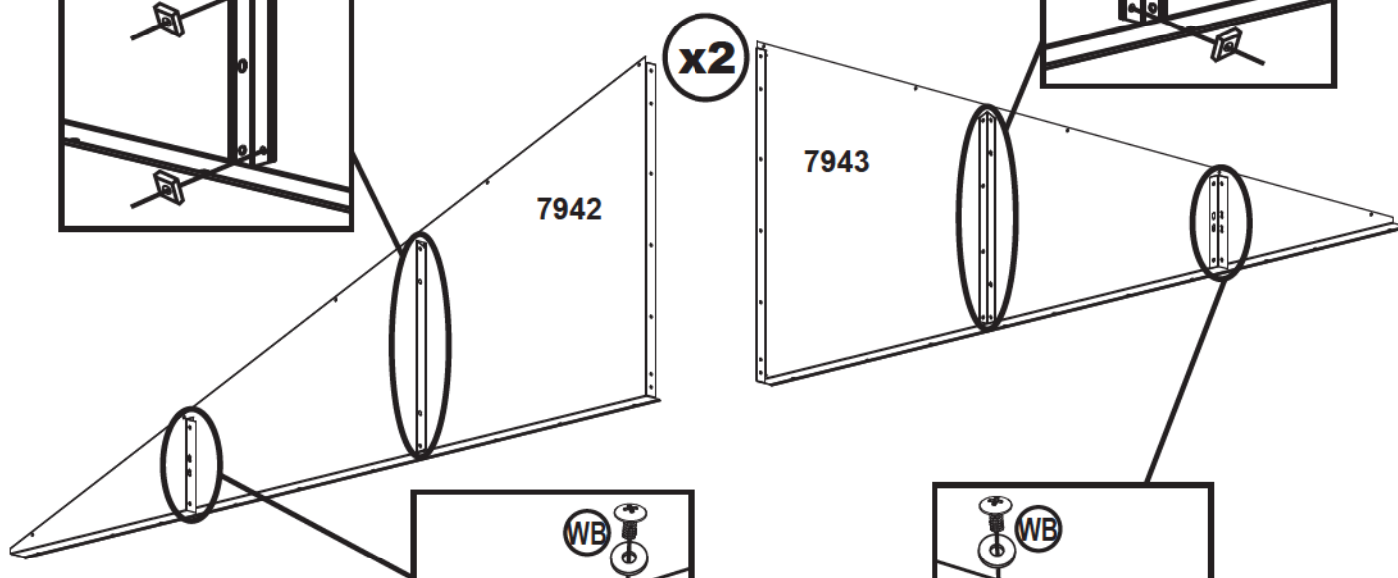
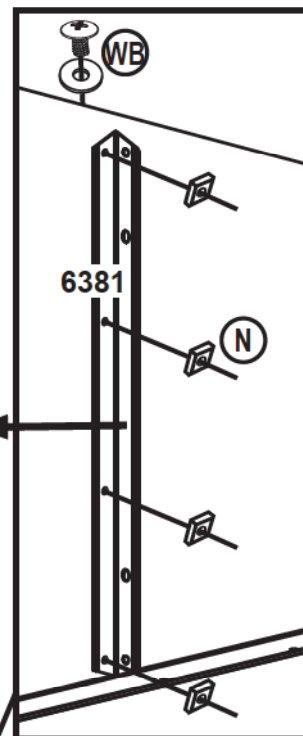
Step 11A



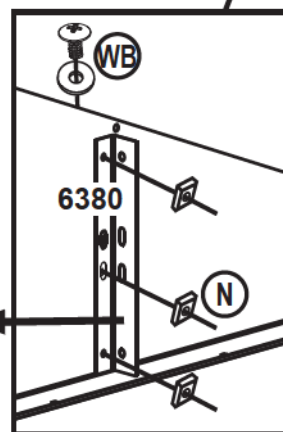
*Bolts to match
wall panel color

Mounting leg
faces inwards

Mounting leg
faces inwards



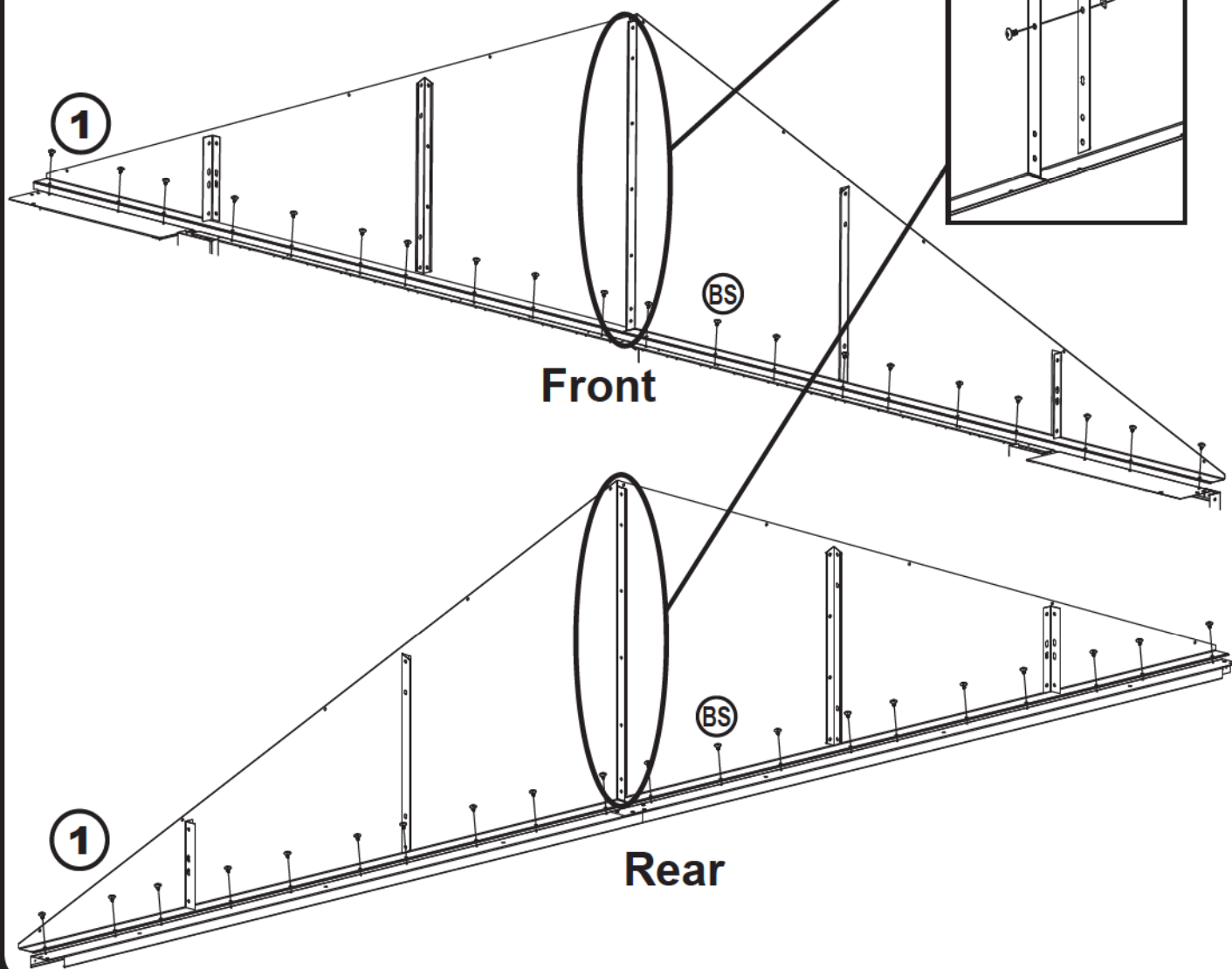
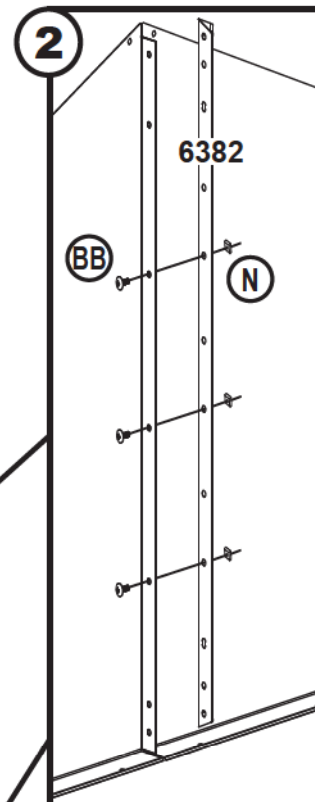
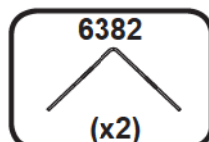
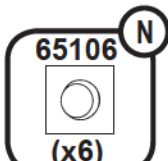
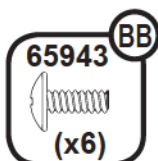
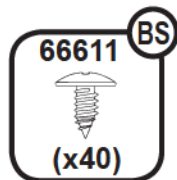
Mounting leg
faces inwards





43GW

Step 11B

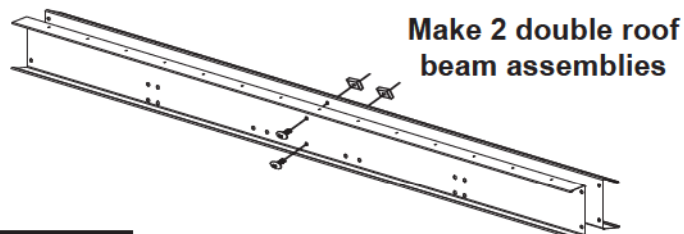
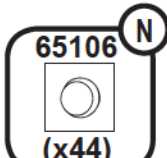
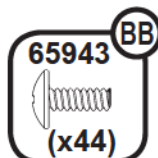
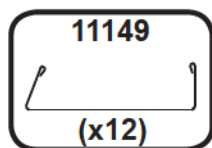




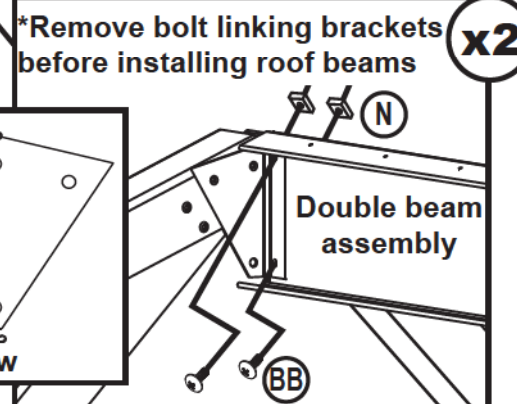
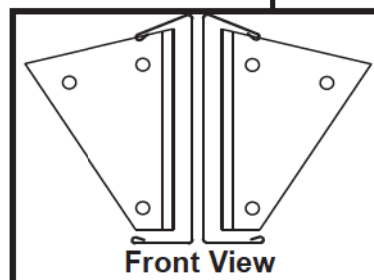
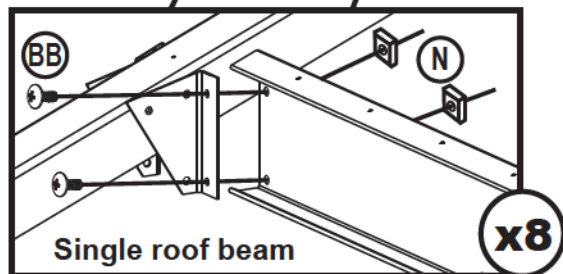
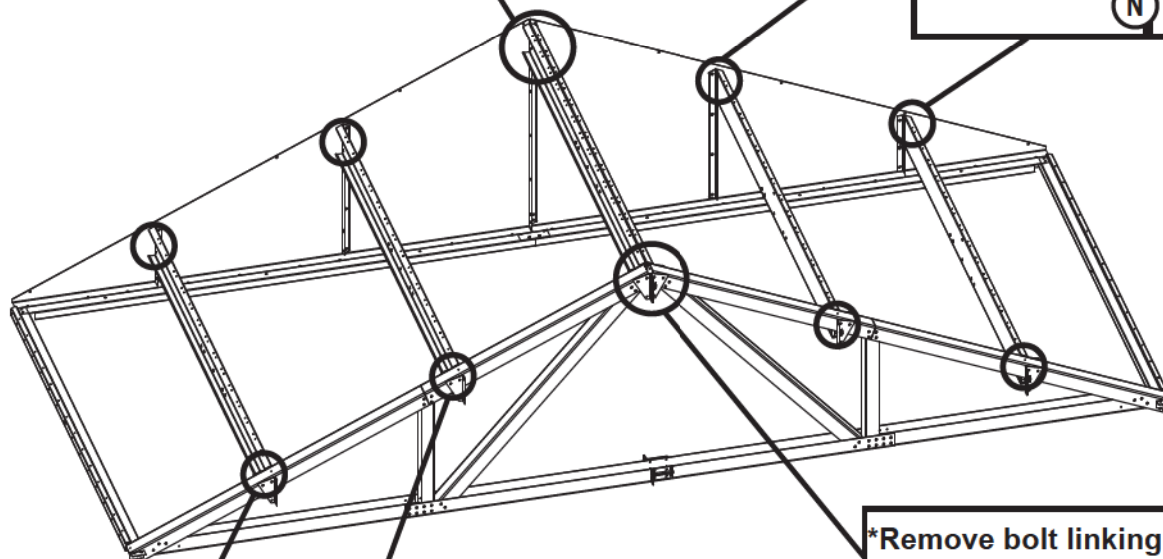
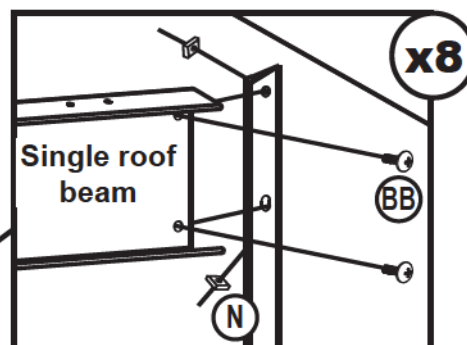
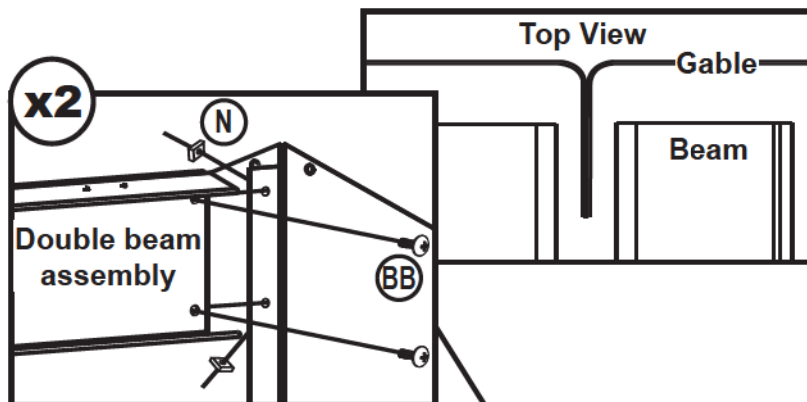
44GW

Step 11C

*Repeat this page for the Rear of the shed



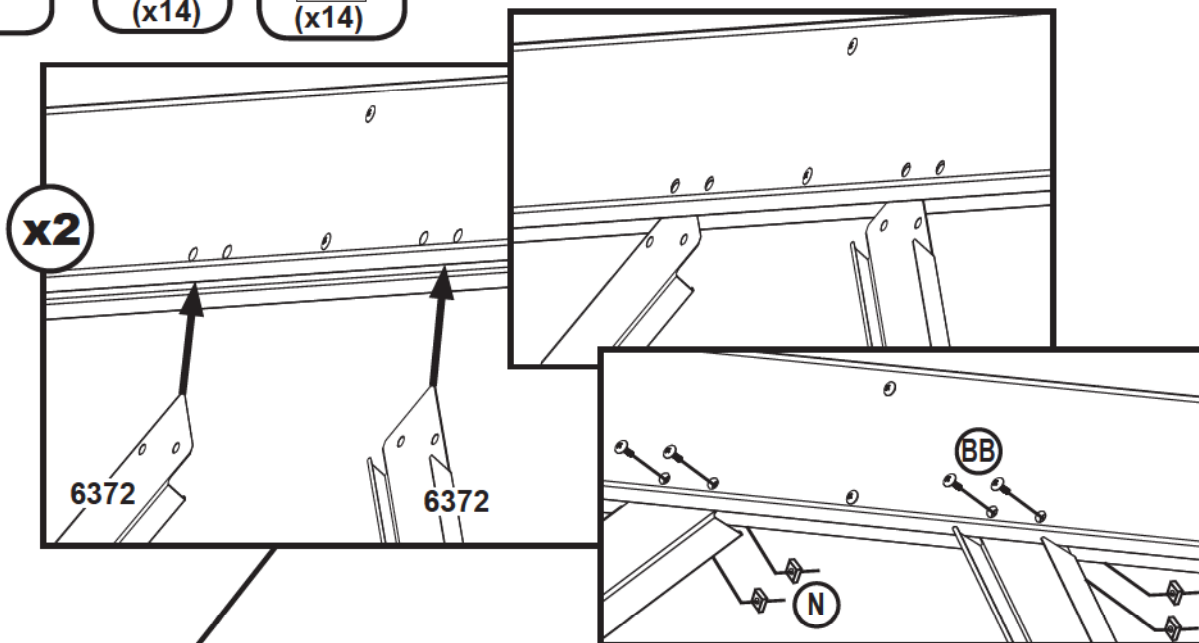
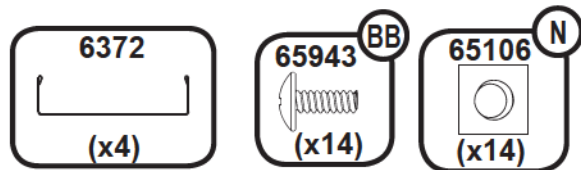
Make 2 double roof beam assemblies





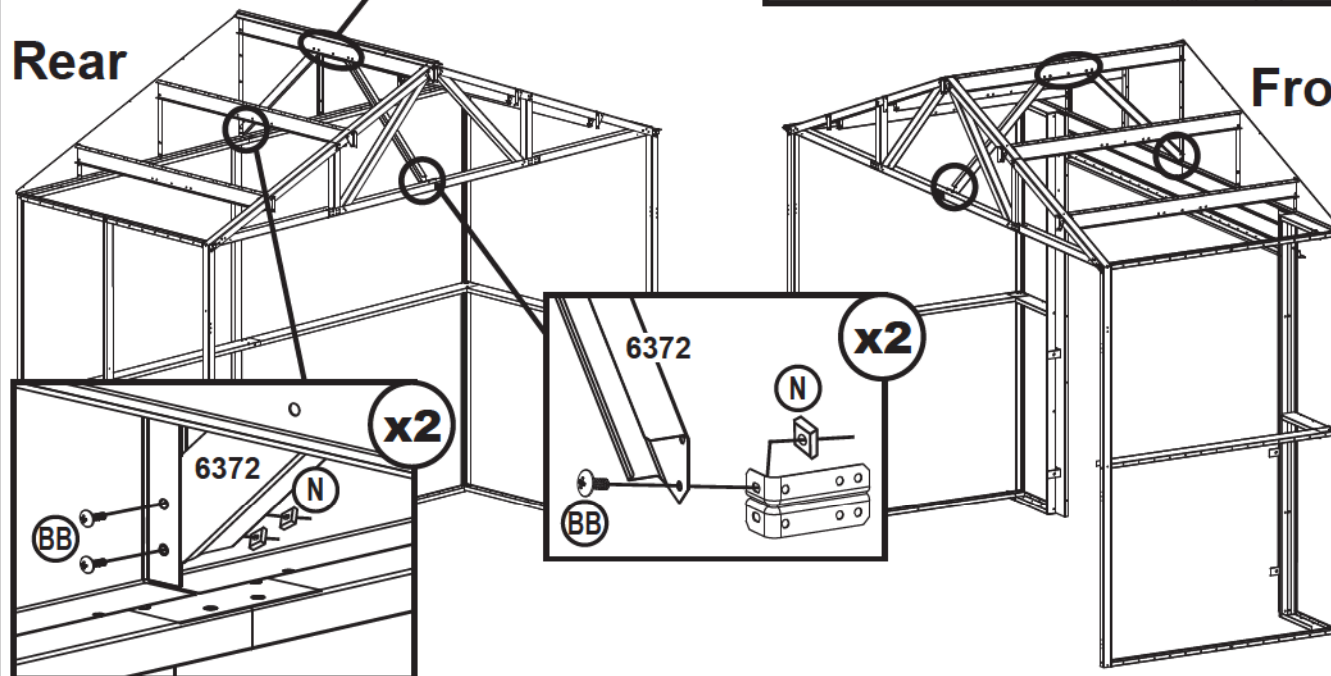
45GW

Step 11D



Rear

Front

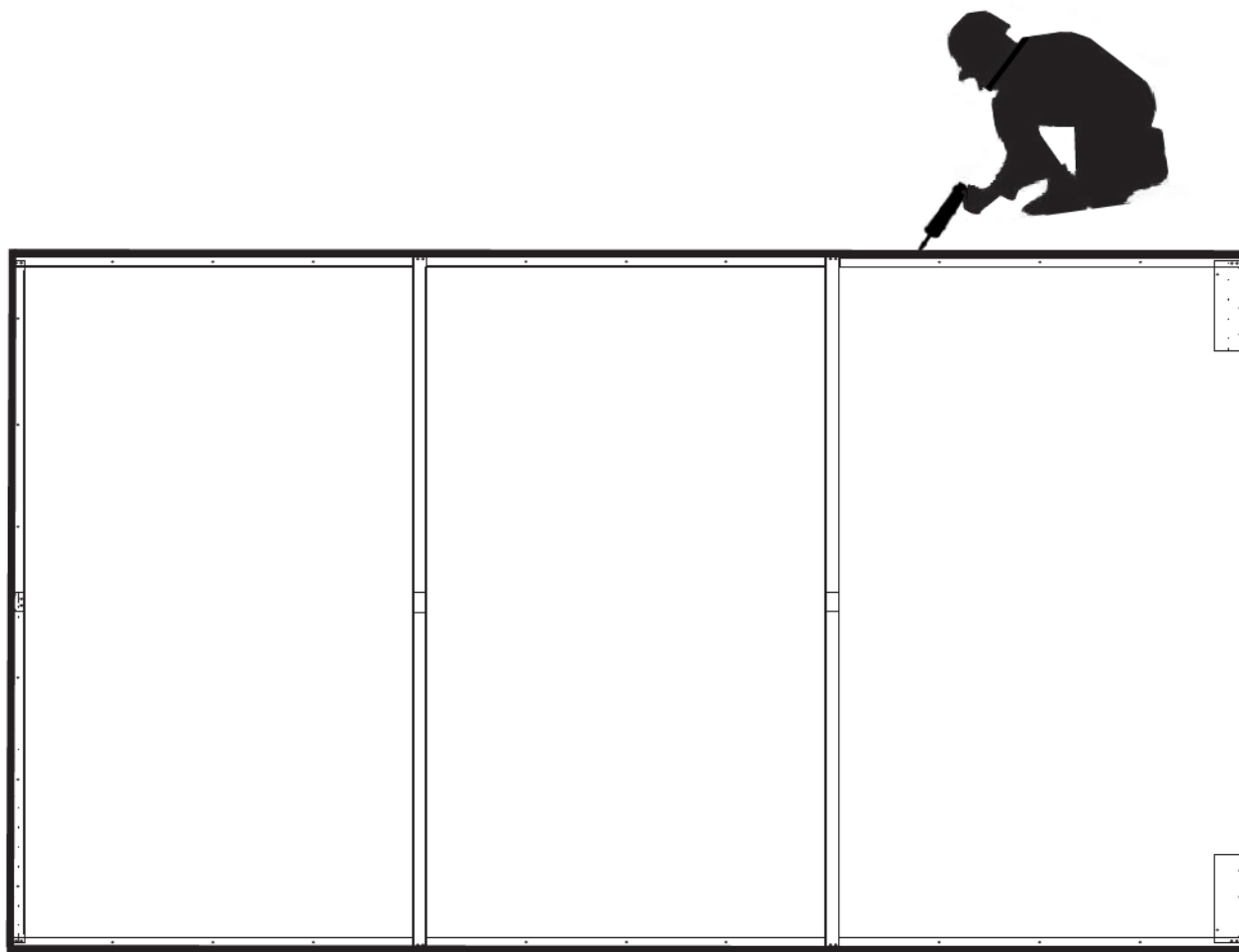




46GW

OPTIONAL CAULK APPLICATION

To reduce water infiltration, apply caulk around the perimeter of the shed before installing panels.





47GW

Side Panel Orientation

12x10

Rear

Front

11157 11157 11157 11157

11160

Door
Option A

11157

11157

12x15

11157 11157 11157 11166 11157 11157 11157

Extension Kit(s)

Rear

Front

Extension Kit(s)

11160

Door
Option A

11157

11166

11157

11157

11157

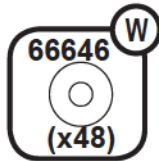
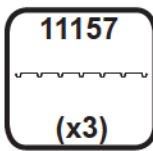
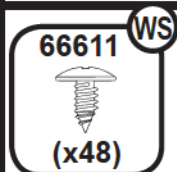
47



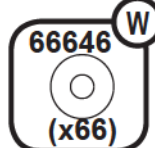
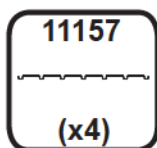
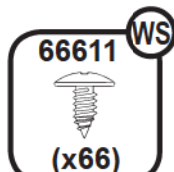


48GW

Step 12A



Extension x1

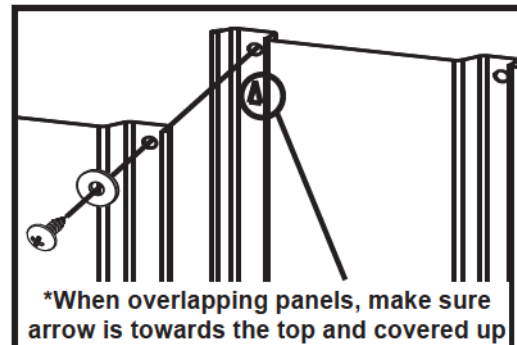


*Lubricate screws
to aid assembly

*For 12x15'+ sheds,
remove the bracing
from step 3C on page
25. Set that piece
aside for later use.

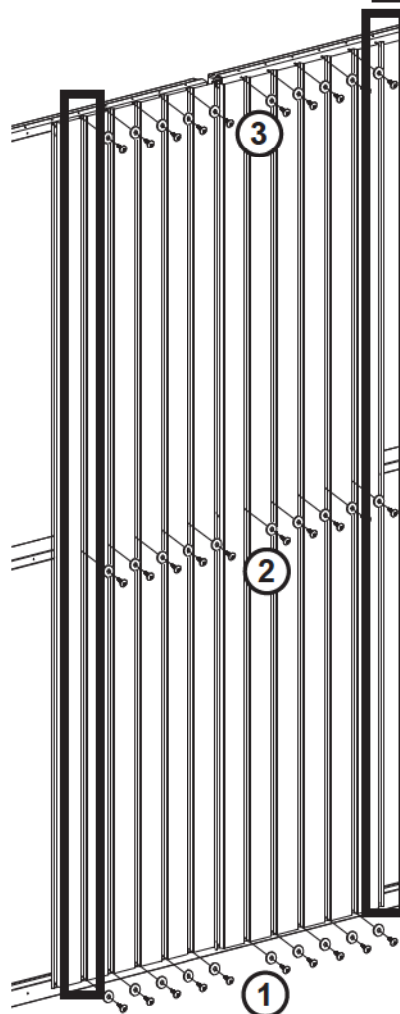
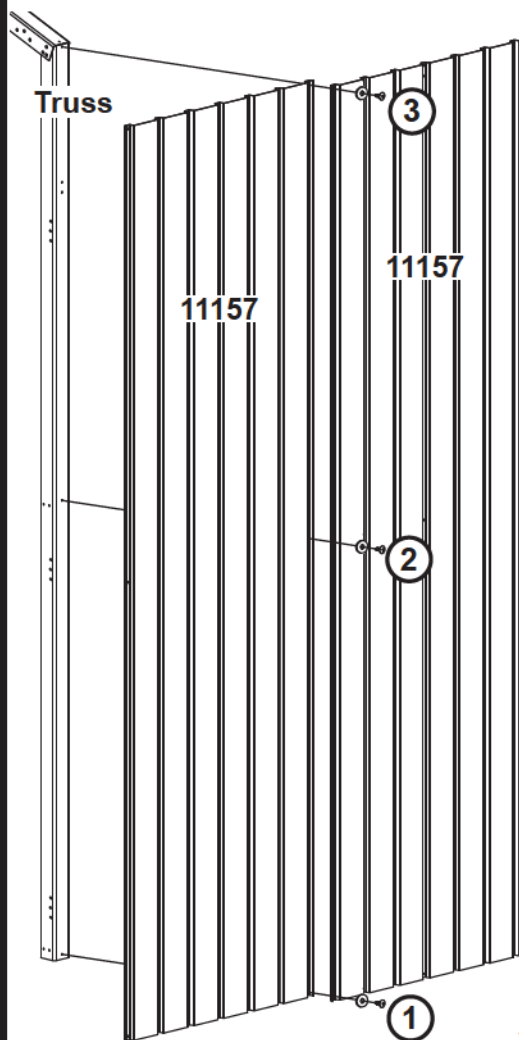
NOTE Washers are to be used on painted parts only.
Washers are not necessary on unpainted parts and
there are not enough to use on every screw and bolt.

NOTE Painted screws are to be used on painted parts
only. Make sure painted screws match wall color.



*When overlapping panels, make sure
arrow is towards the top and covered up

Install 2 overlapping panels to each of the trusses. Leave gaps in between
until all of the trusses are covered. Do this for each side of the shed.



*Panel does not rest on ground.

Install one panel around
the door opening.

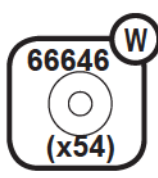
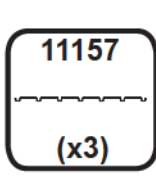
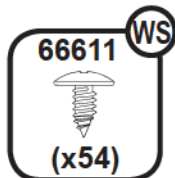
*Leave holes
on ends open
for overlap



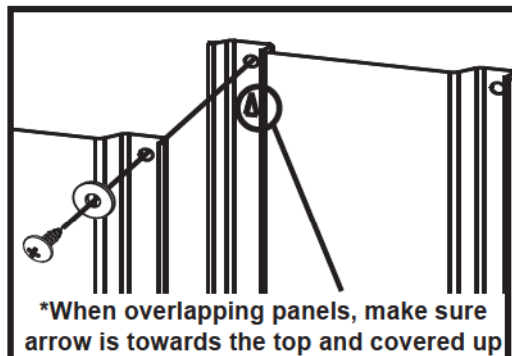


49GW

Step 12B

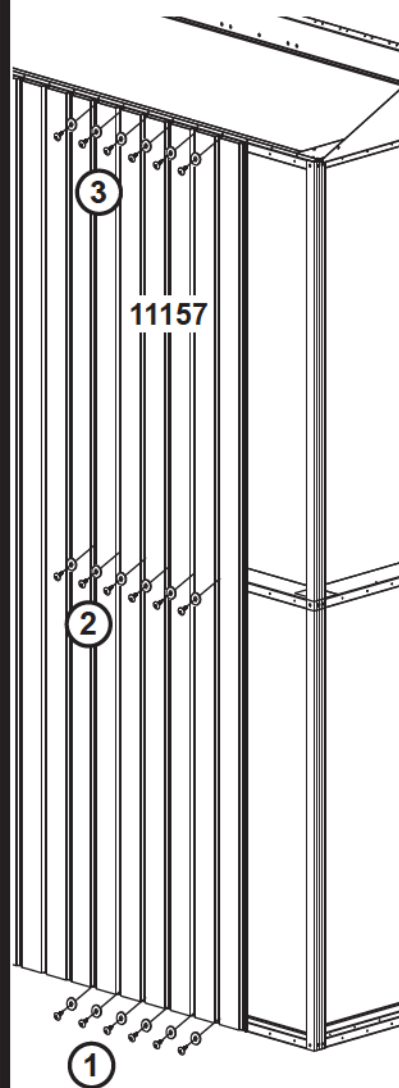


NOTE Painted screws are to be used on painted parts only. Make sure painted screws match wall color.

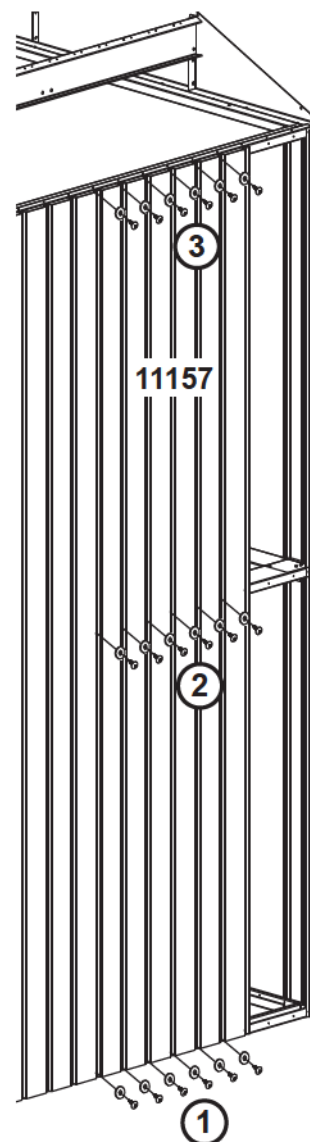
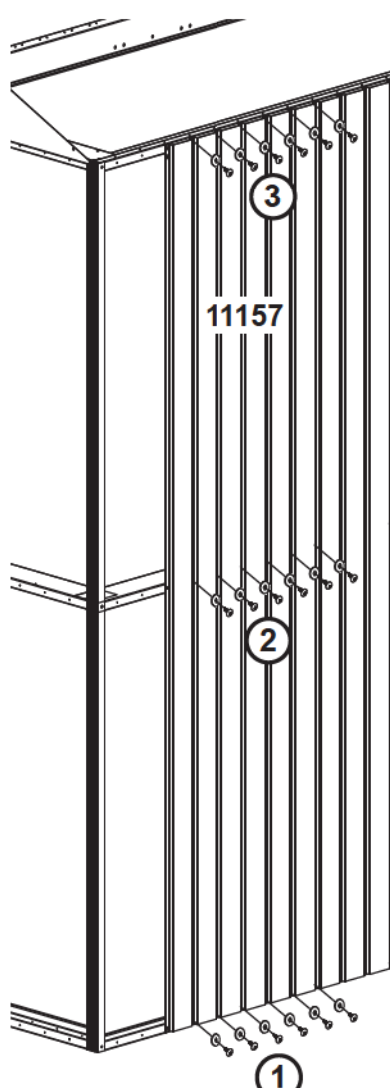


*When overlapping panels, make sure arrow is towards the top and covered up

Continue installing panels up to each of the corners except by the door.



Front



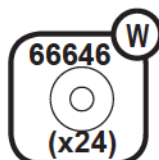
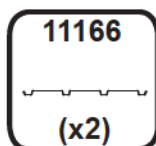
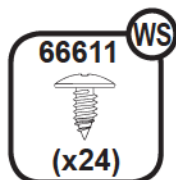
Rear





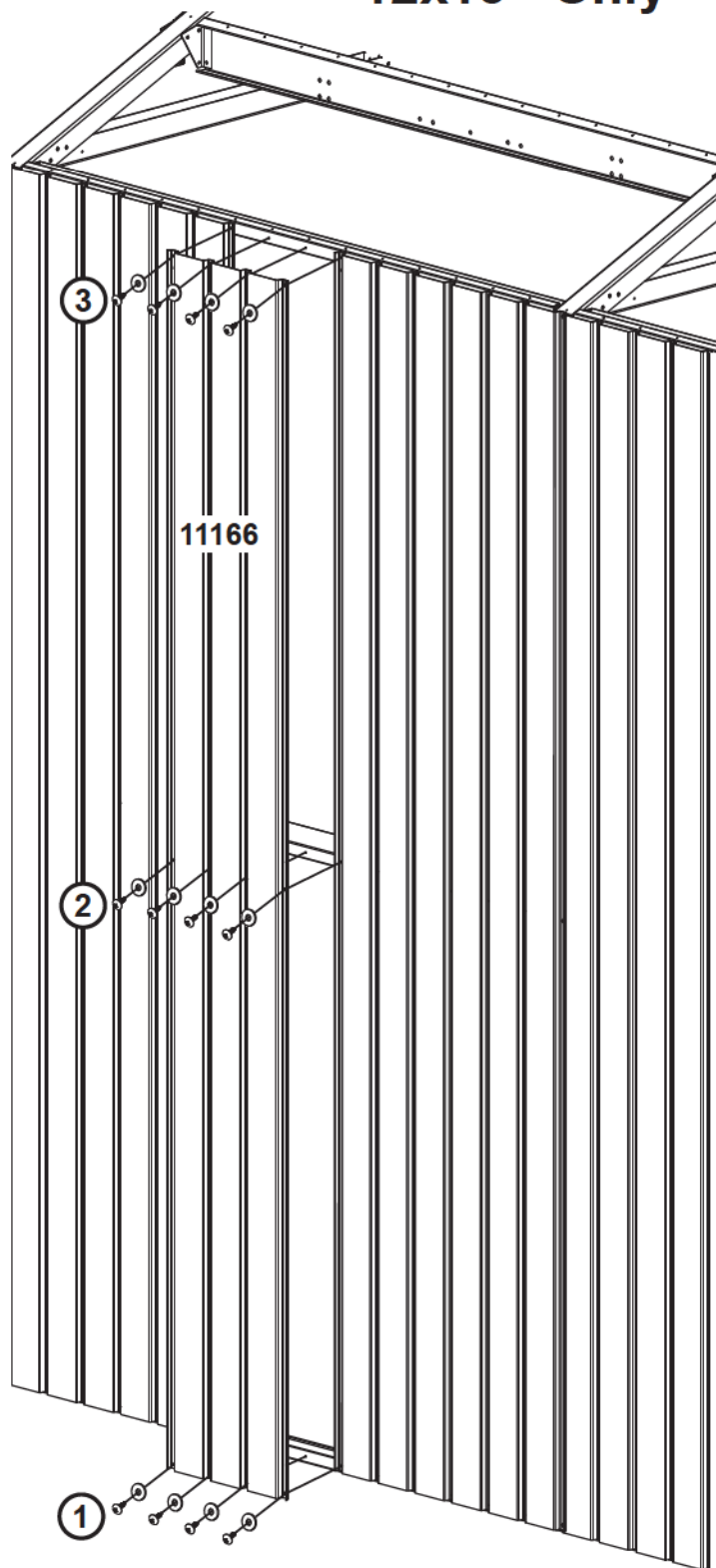
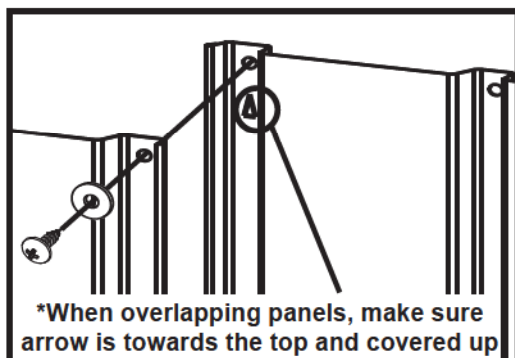
50GW

Step 12C

12x15+ Only

NOTE Painted screws are to be used on painted parts only. Make sure painted screws match wall color.

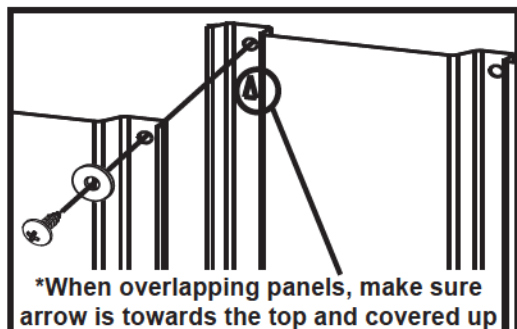
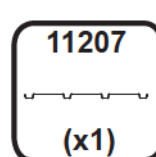
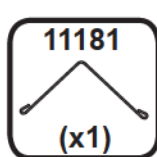
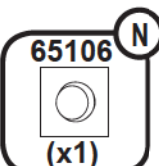
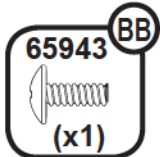
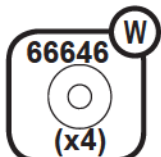
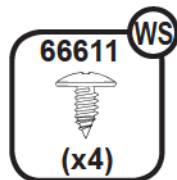
Install Panels to cover each of the gaps except around door



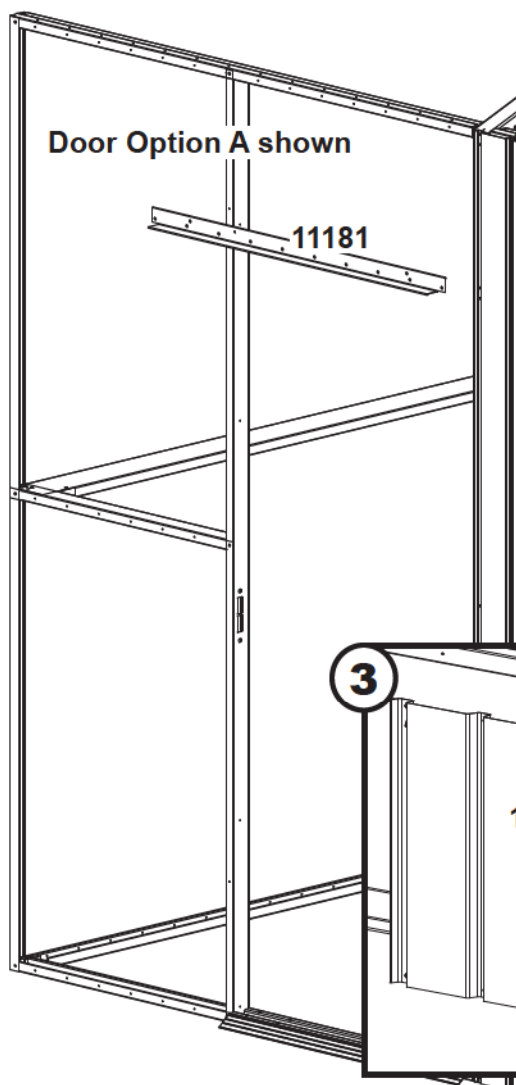
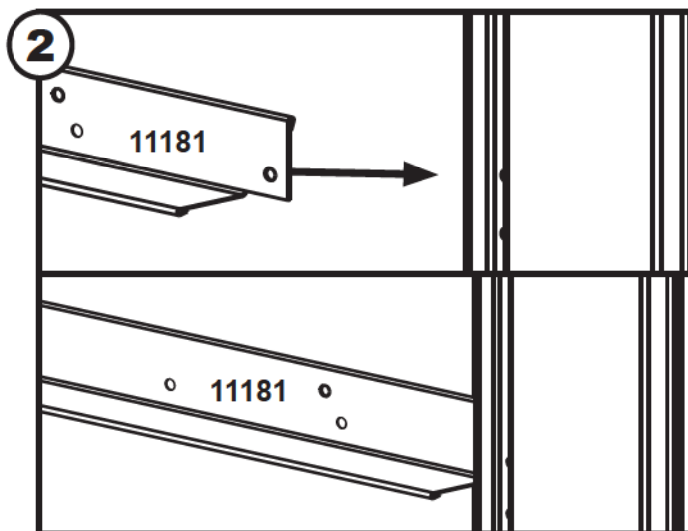
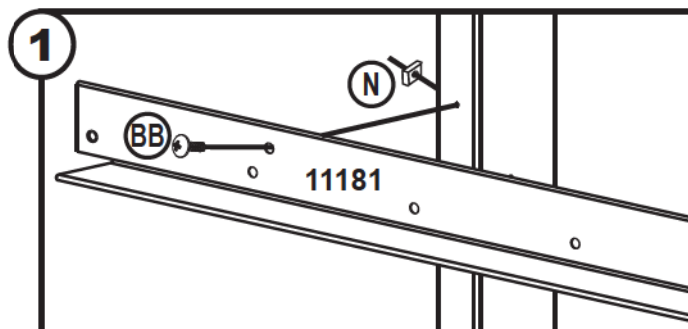


51GW

Step 13A



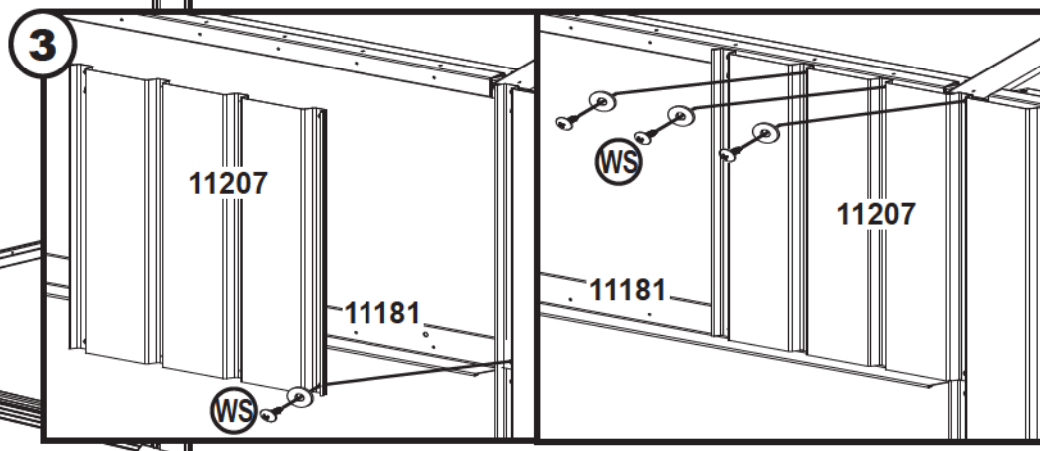
*When overlapping panels, make sure arrow is towards the top and covered up



Door Option A shown

11181

NOTE Painted screws are to be used on painted parts only. Make sure painted screws match wall color.



11207

11181

11207

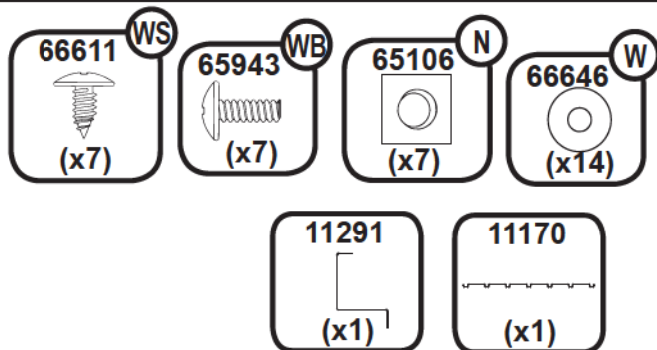
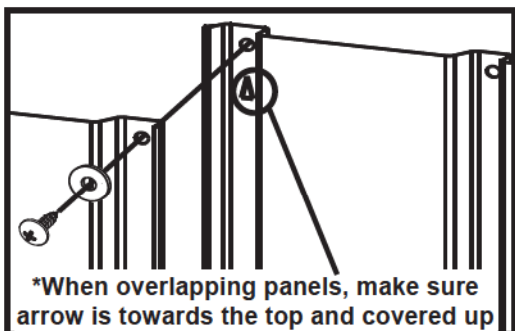
11181



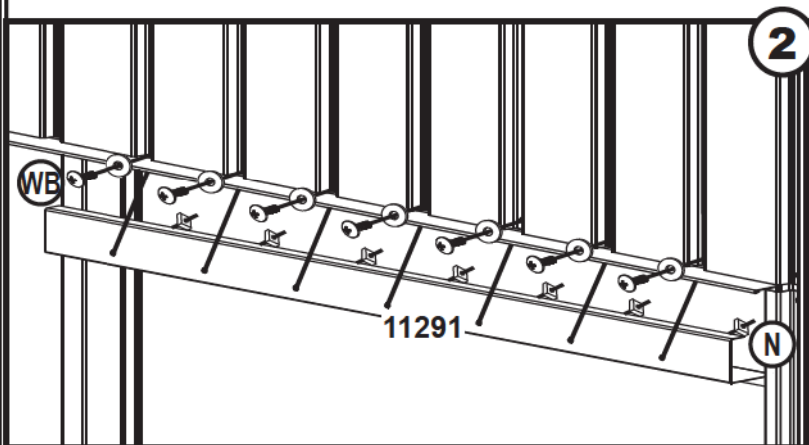
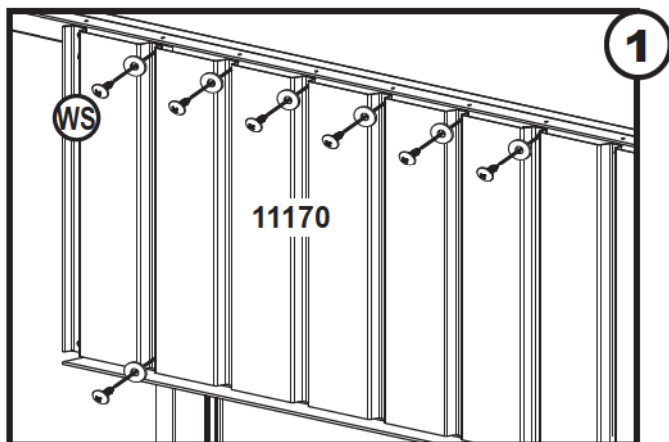
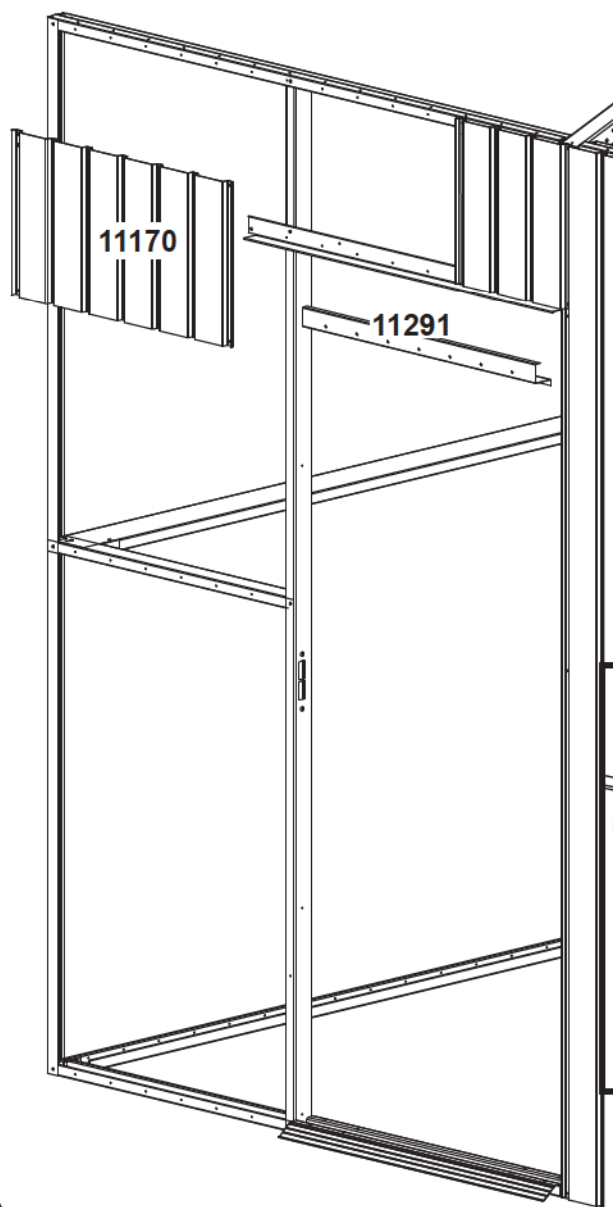


52GW

Step 13B



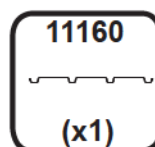
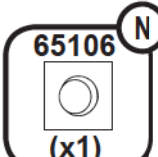
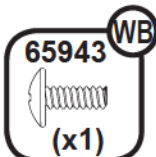
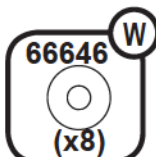
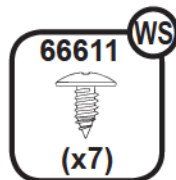
NOTE Painted fasteners are to be used on painted parts only. Make sure painted fasteners match wall color.





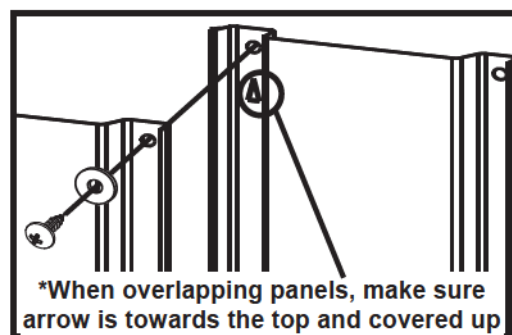
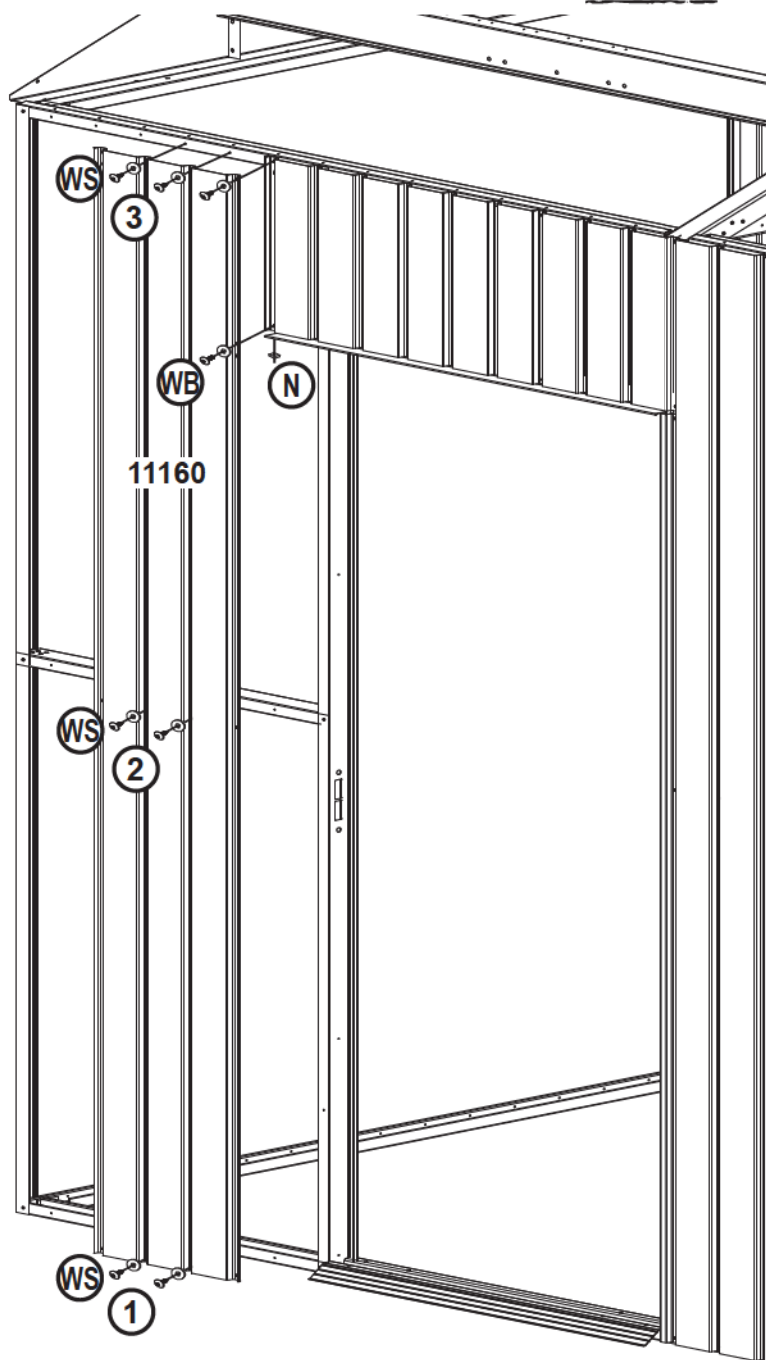
53GW

Step 13C



NOTE

Painted fasteners are to be used on painted parts only.
Make sure painted fasteners match wall color.



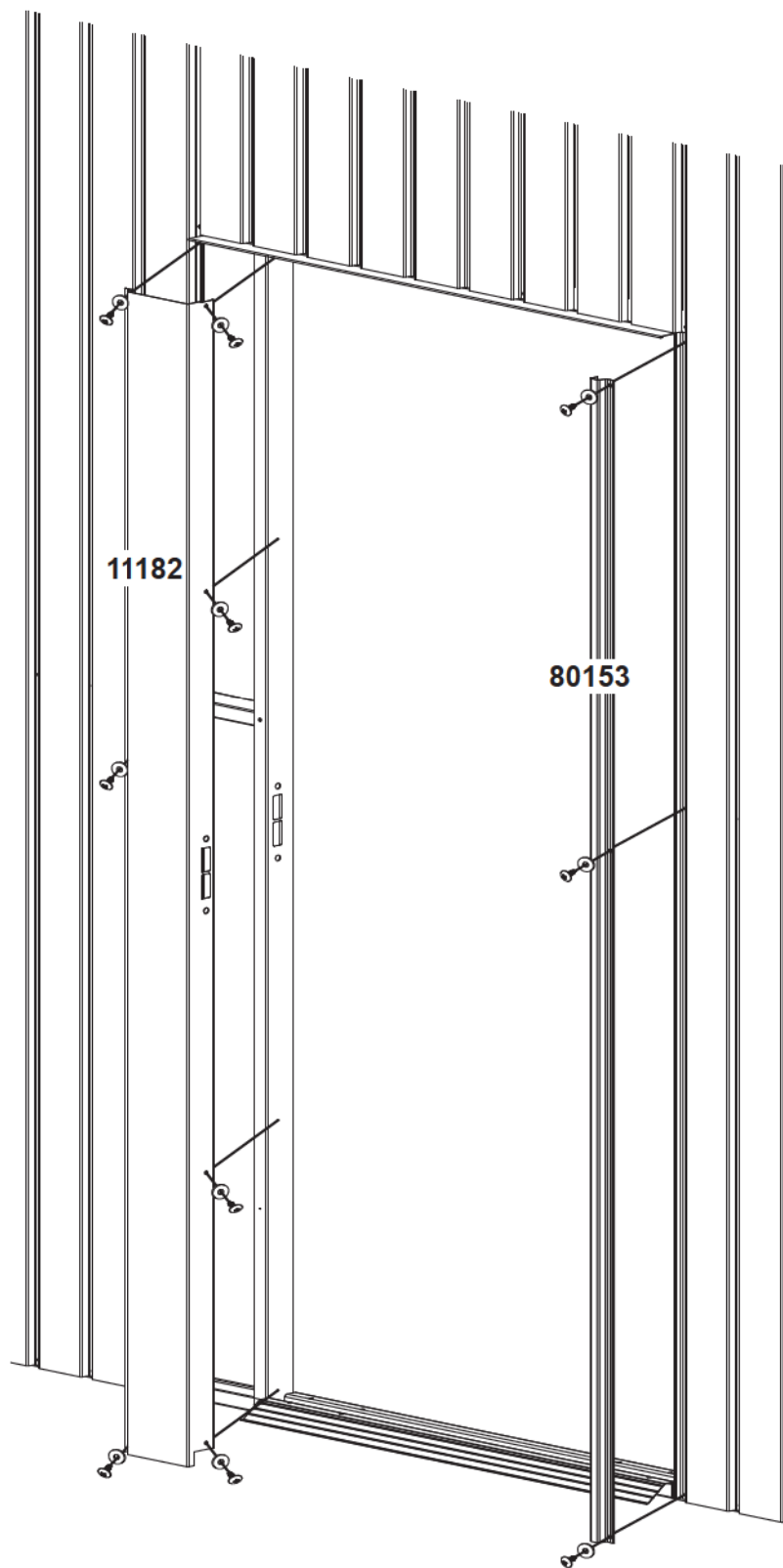
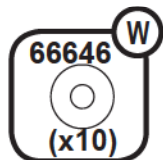
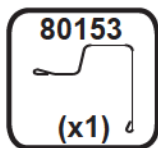
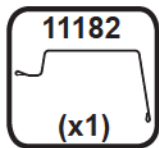
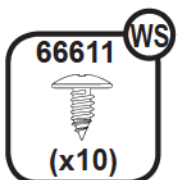
*When overlapping panels, make sure arrow is towards the top and covered up





Step 13D

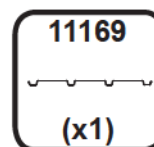
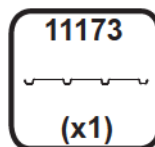
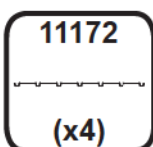
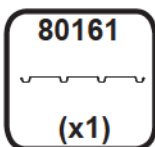
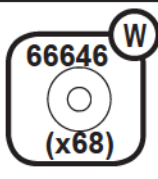
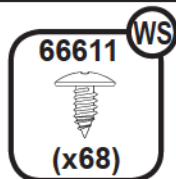
54GW



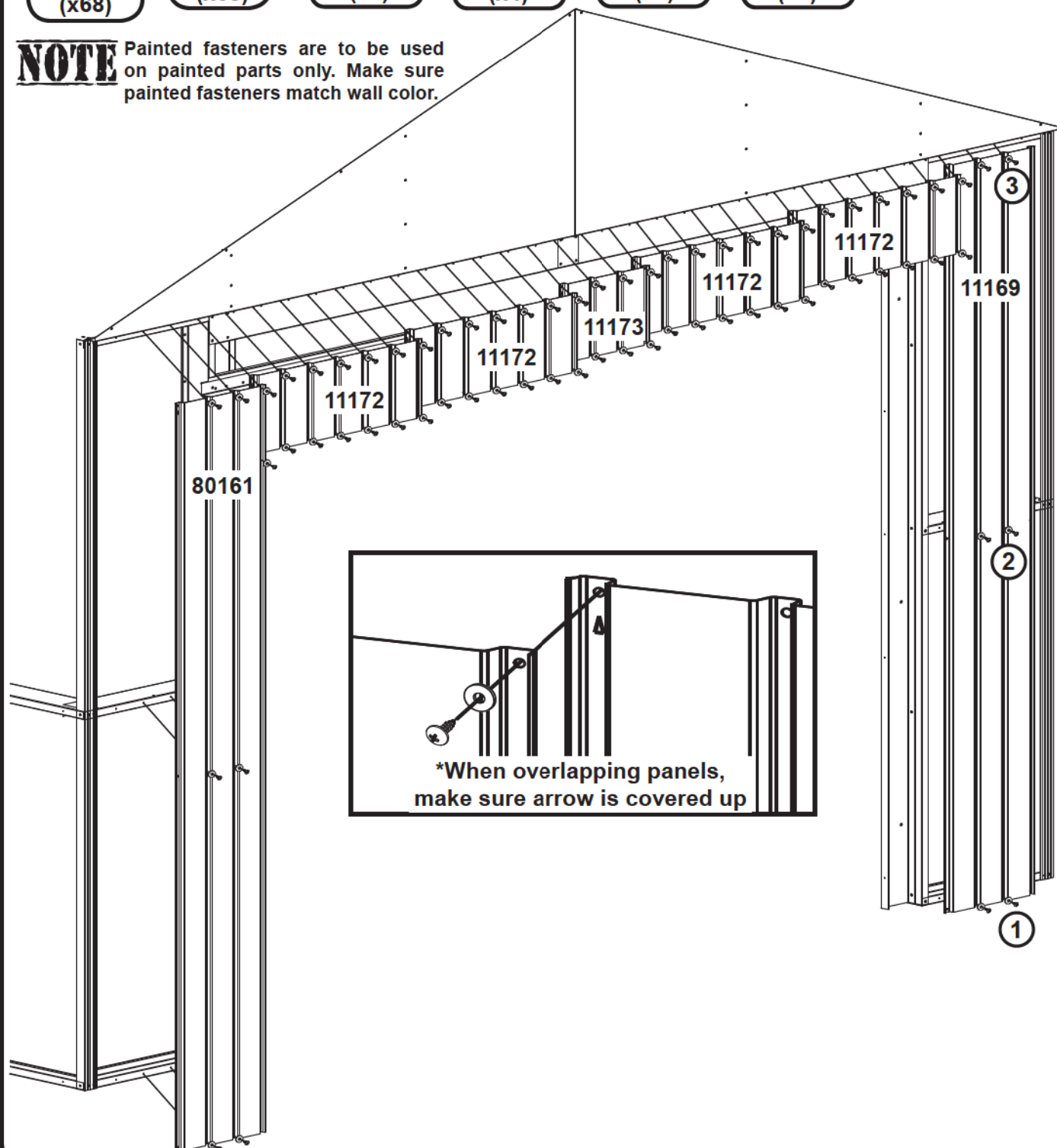


55GW

Step 14



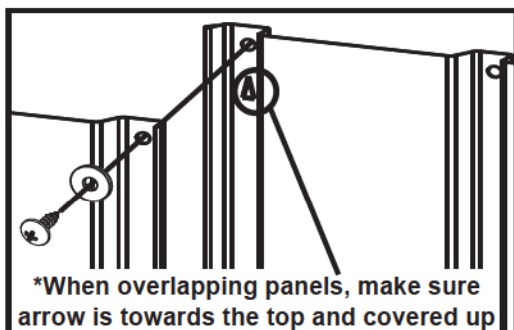
NOTE Painted fasteners are to be used on painted parts only. Make sure painted fasteners match wall color.





56GW

Step 15



*When overlapping panels, make sure arrow is towards the top and covered up

66611

WS



(x96)

11166

(x3)

11157

(x4)

66646

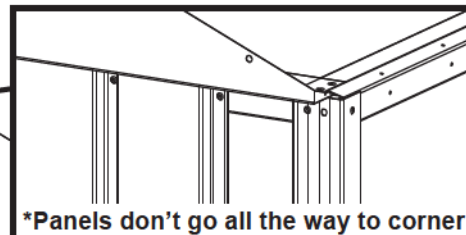
W



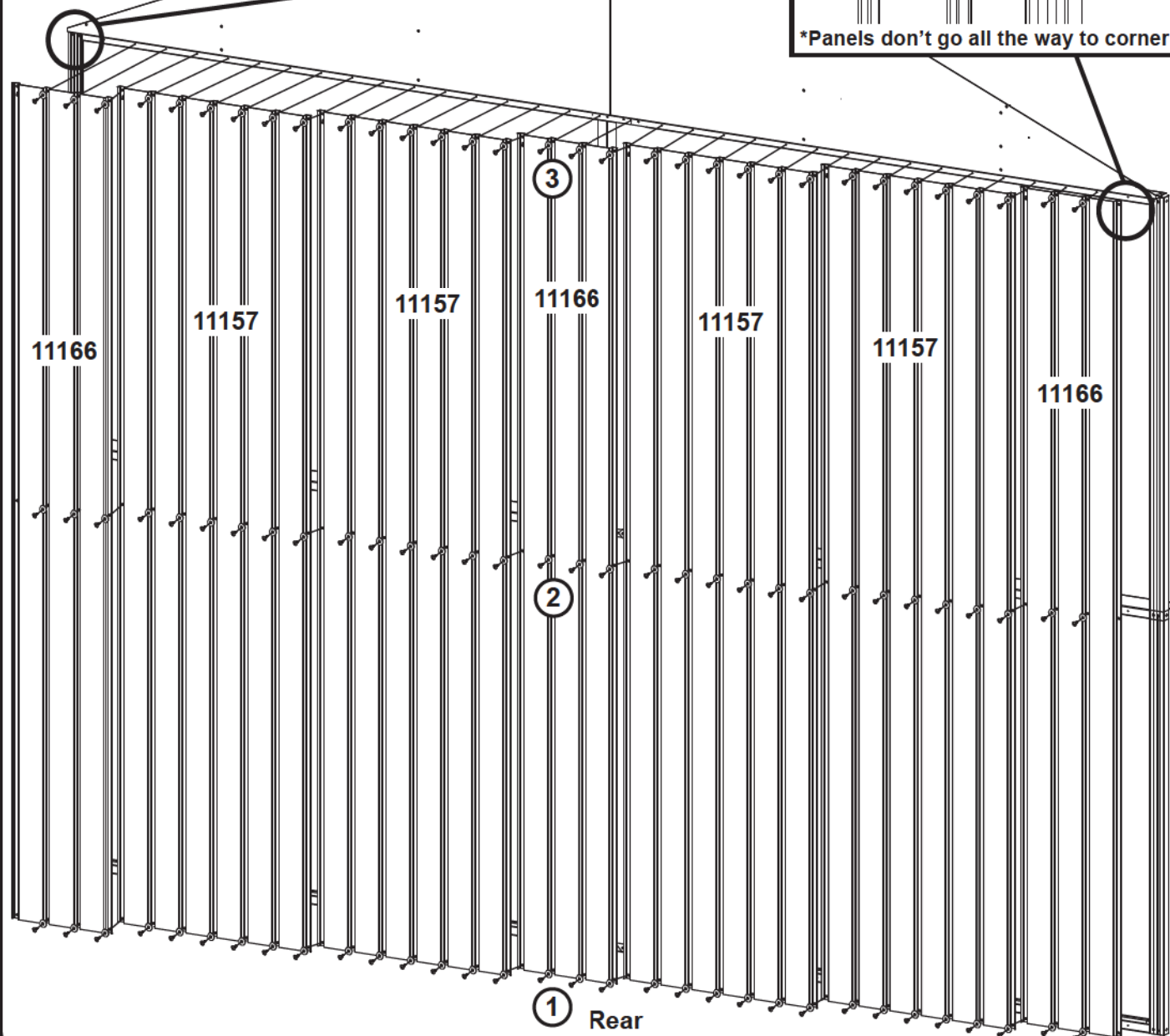
(x96)

NOTE

Painted fasteners are to be used on painted parts only.
Make sure painted fasteners match wall color.



*Panels don't go all the way to corner



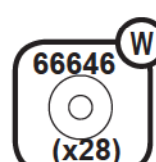
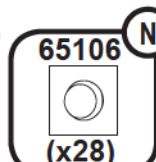
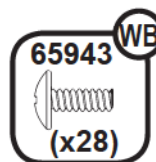
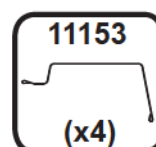
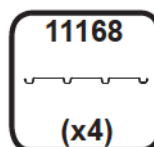
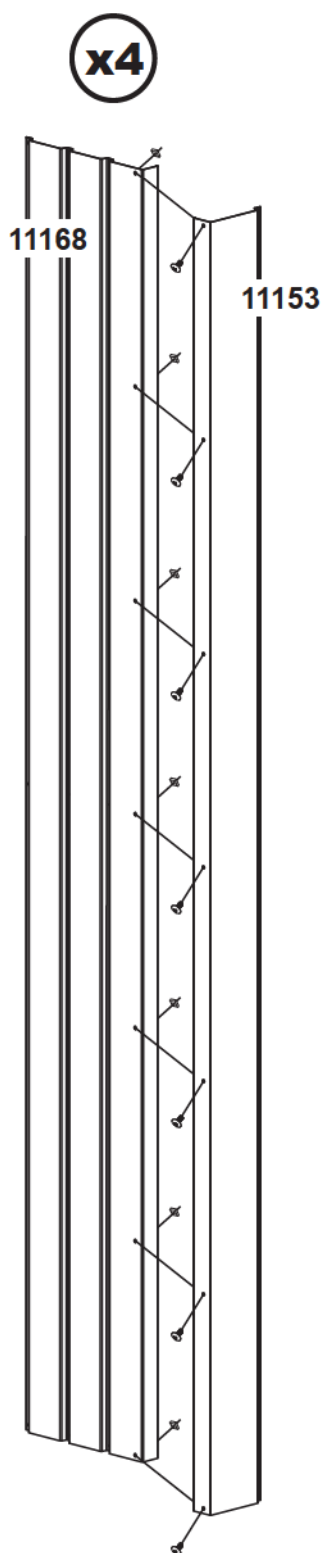
56





57GW

Step 16A



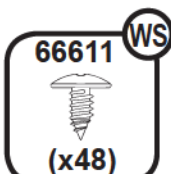
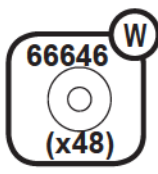
NOTE Painted fasteners are to be used on painted parts only. Make sure painted fasteners match wall color.





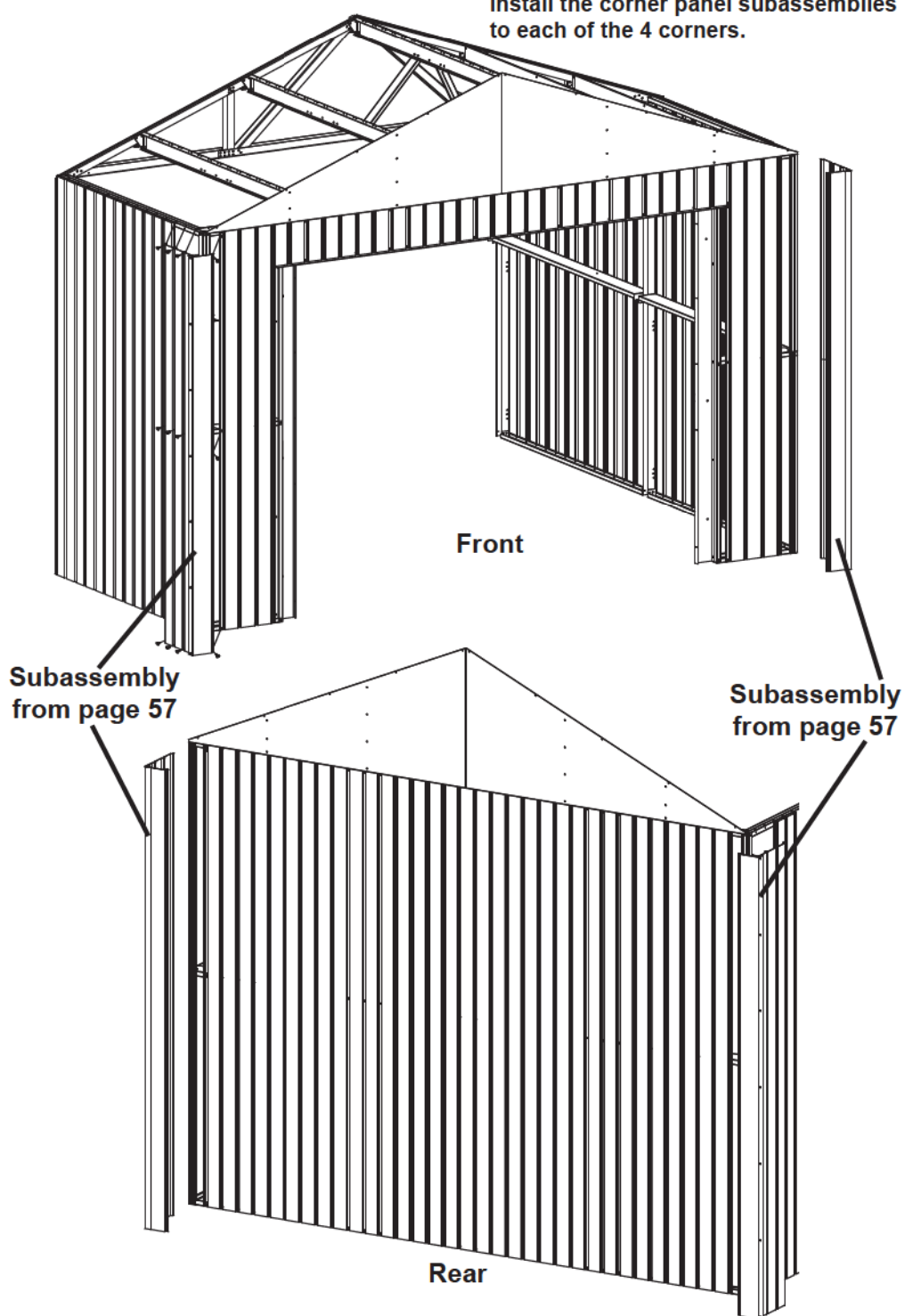
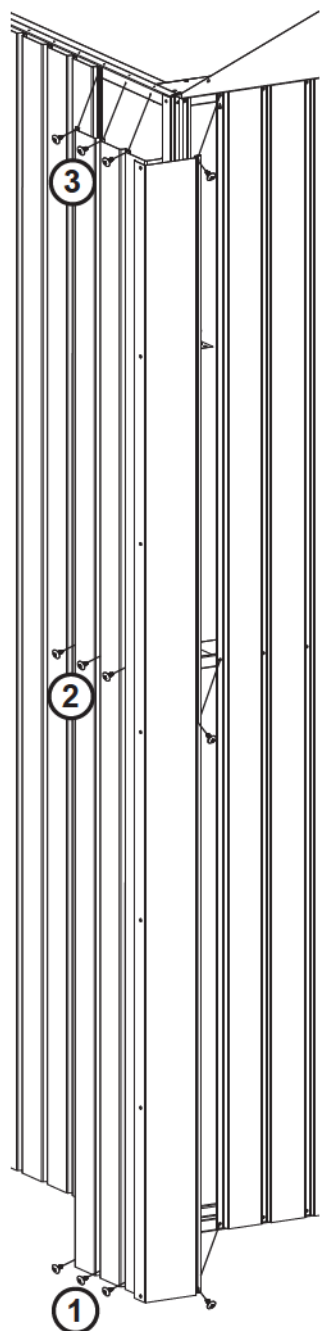
58GW

Step 16B



NOTE Painted fasteners are to be used on painted parts only. Make sure painted fasteners match wall color.

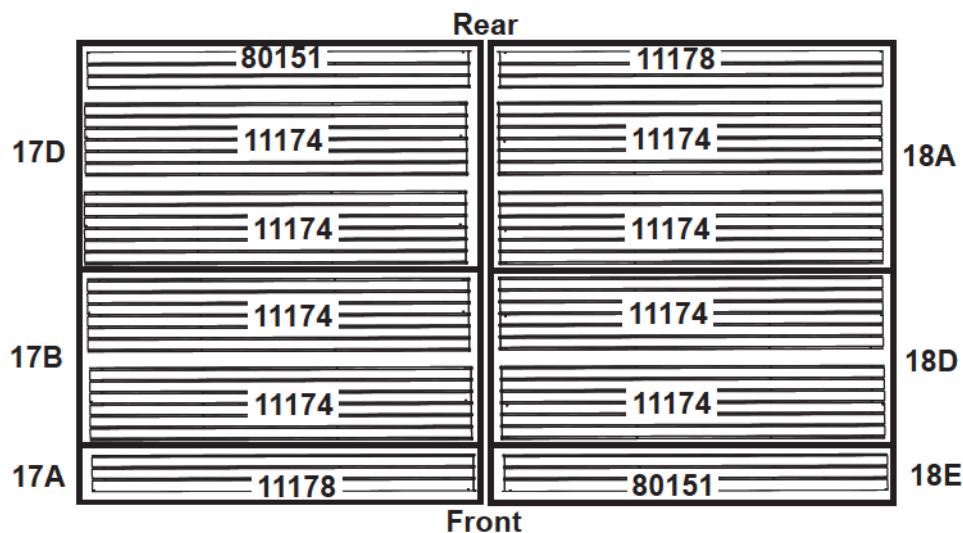
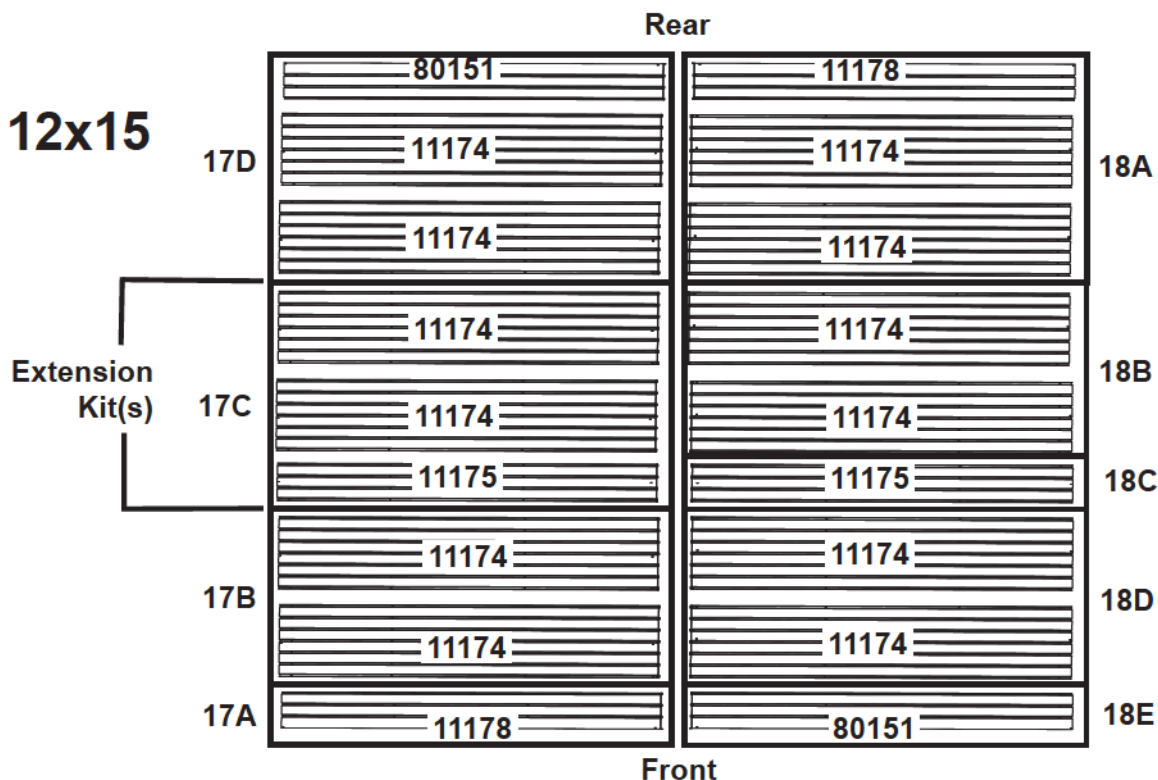
Install the corner panel subassemblies to each of the 4 corners.





59GW

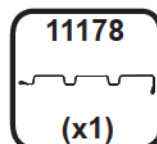
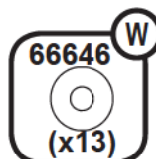
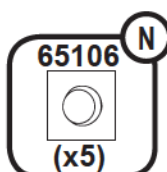
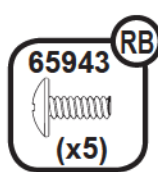
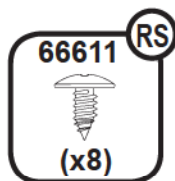
Roof Panel Orientation

12x10**12x15**

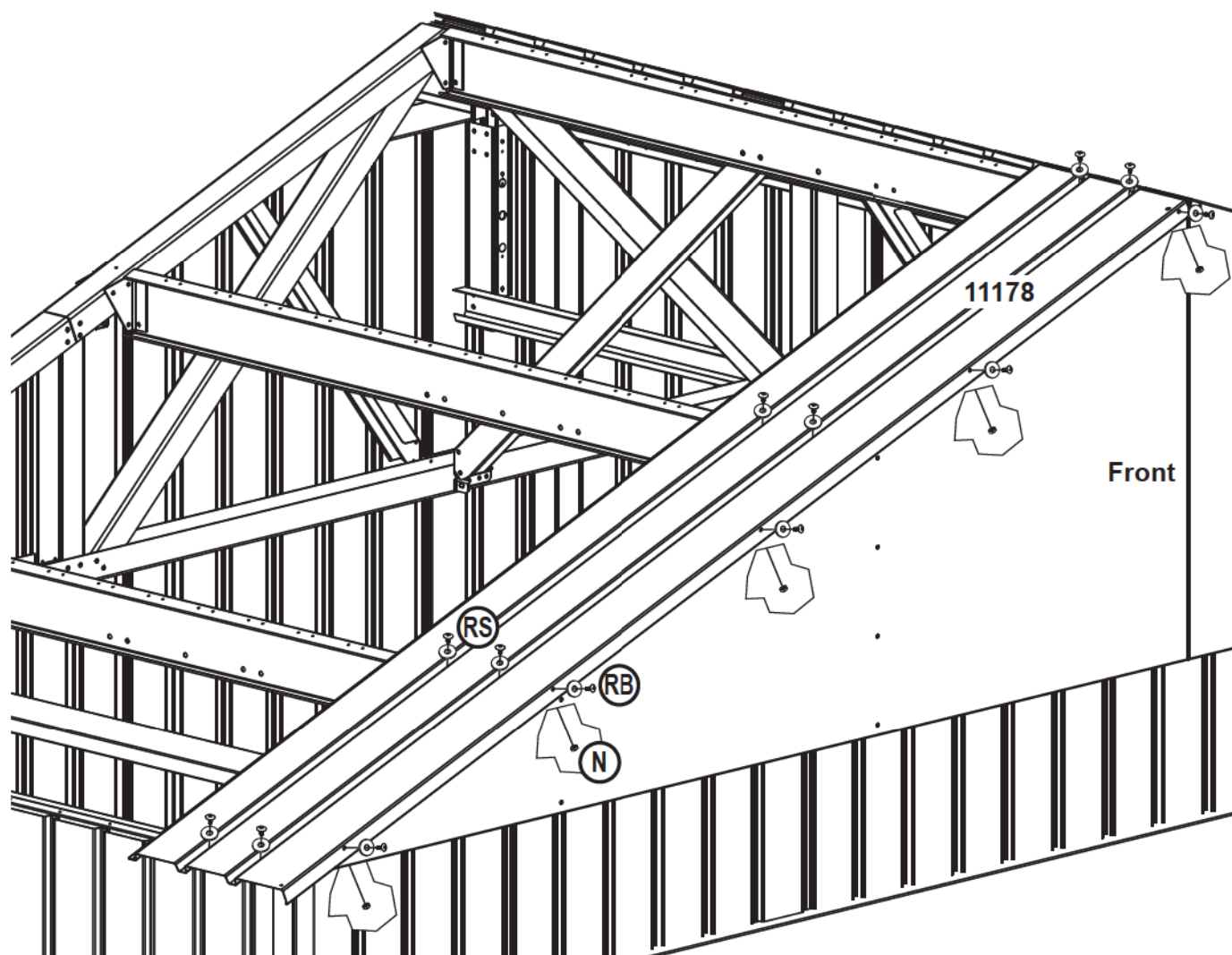


Step 17A

60GW



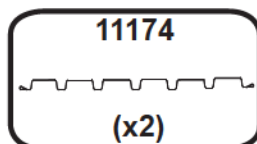
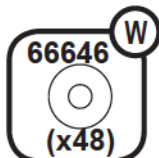
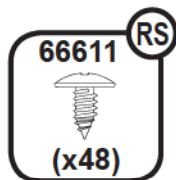
NOTE Use painted fasteners that match roof panel color



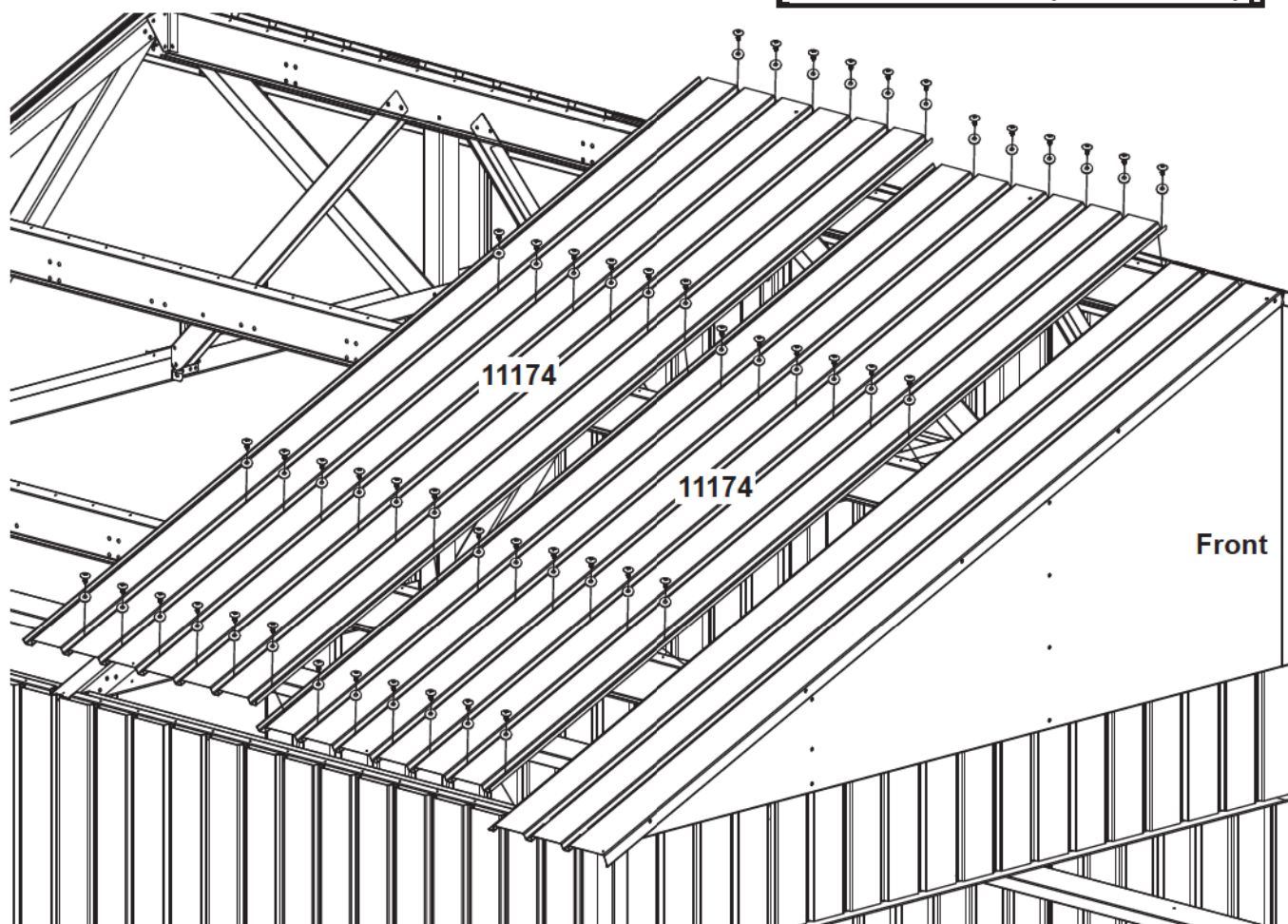
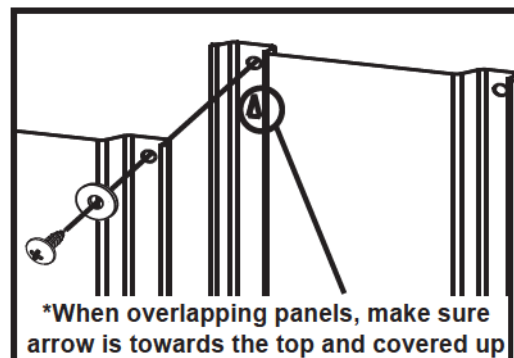


61GW

Step 17B



NOTE Use painted fasteners that match roof panel color

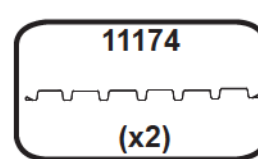
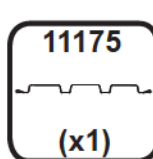
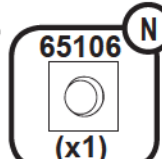
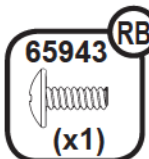
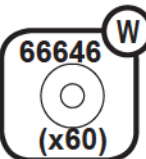
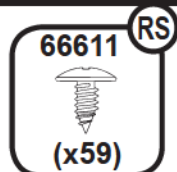




62GW

Step 17C

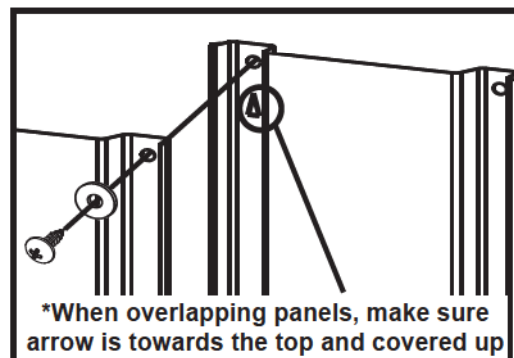
Extension x1



12x15+

*Lubricate screws
to aid assembly

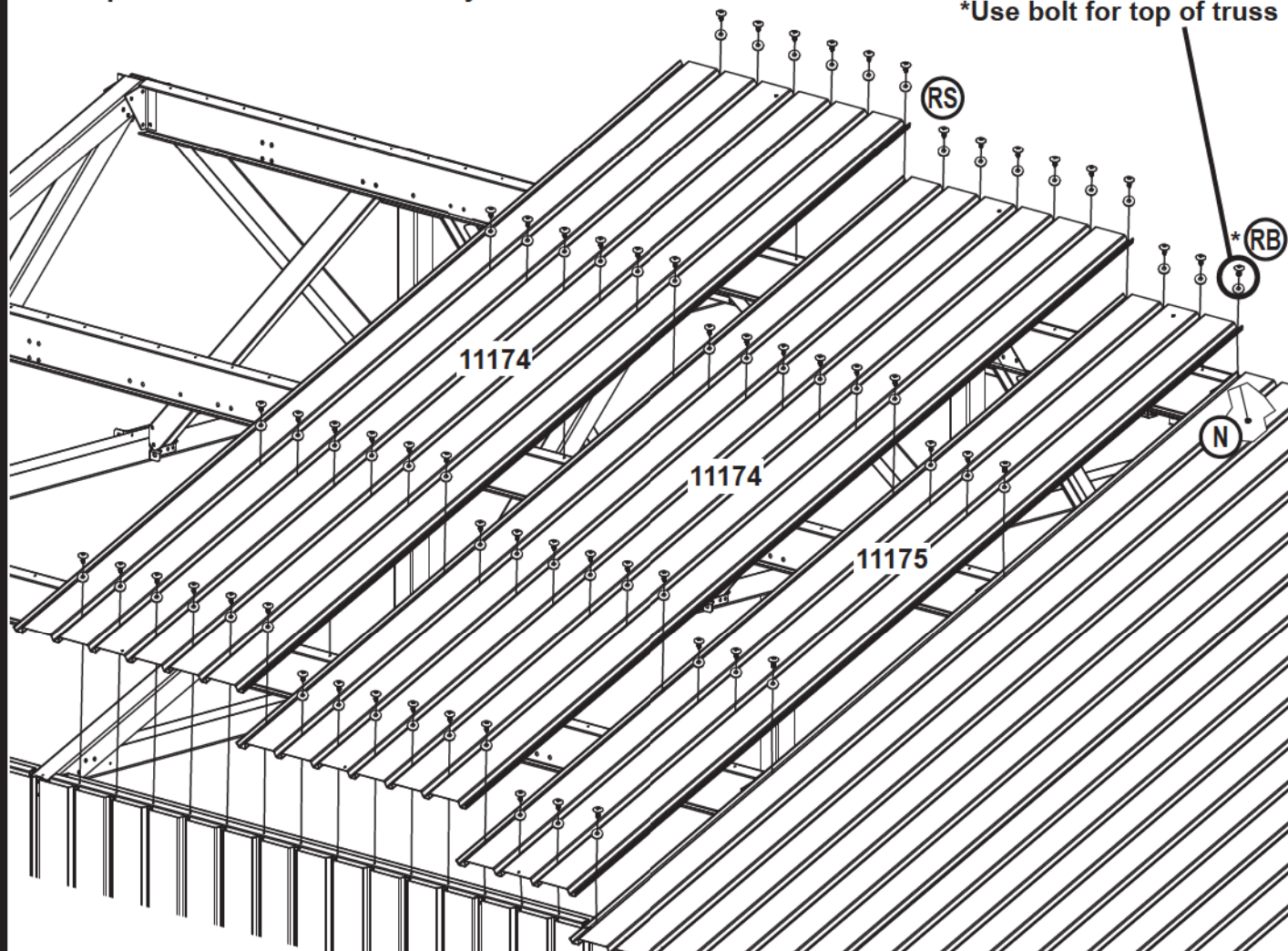
NOTE Use painted fasteners that match
roof panel color



*When overlapping panels, make sure
arrow is towards the top and covered up

Install panels in this order for every 5' extension section

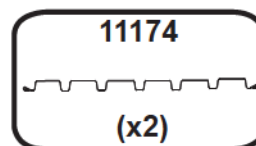
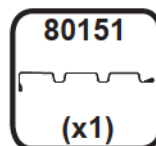
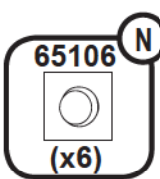
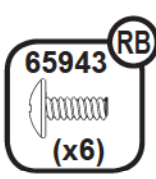
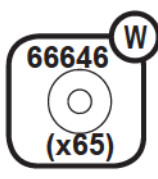
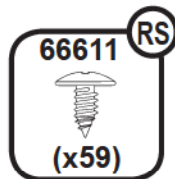
*Use bolt for top of truss



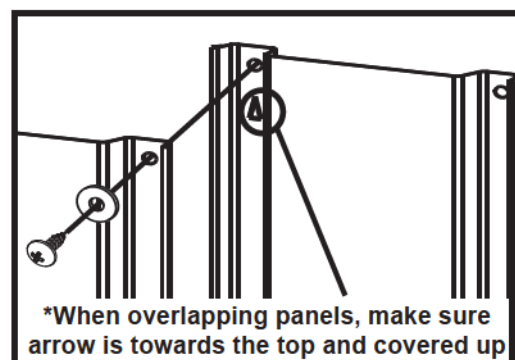


63GW

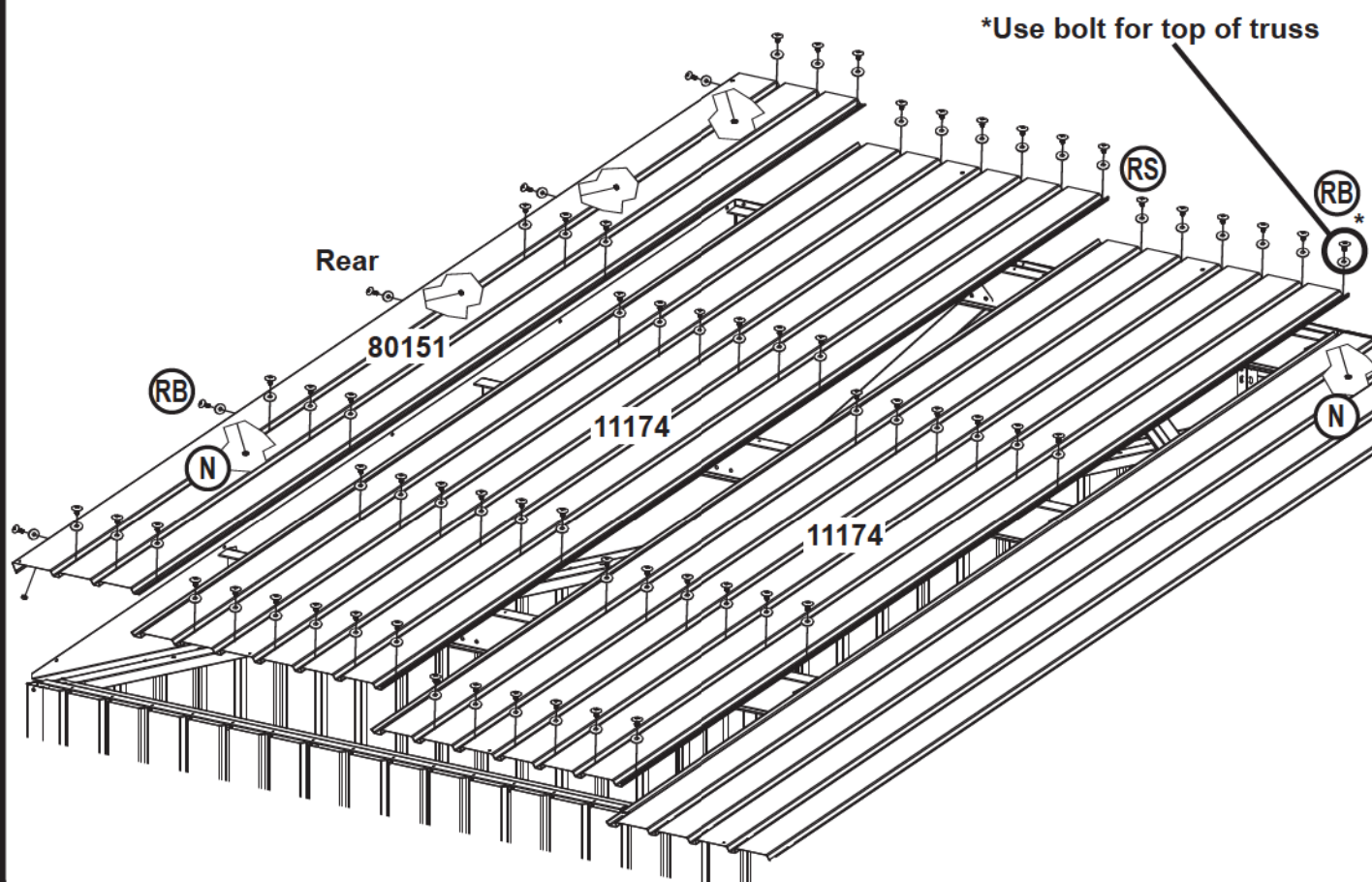
Step 17D



NOTE Use painted fasteners that match roof panel color



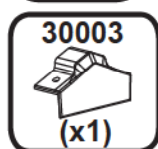
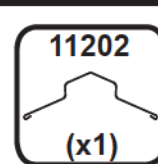
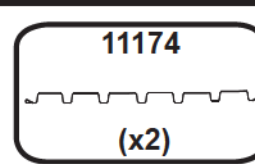
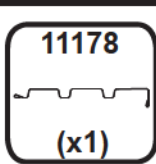
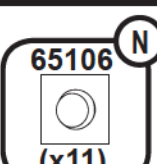
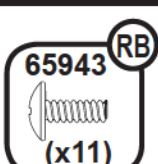
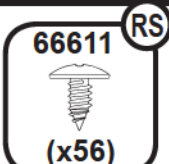
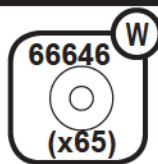
*When overlapping panels, make sure arrow is towards the top and covered up



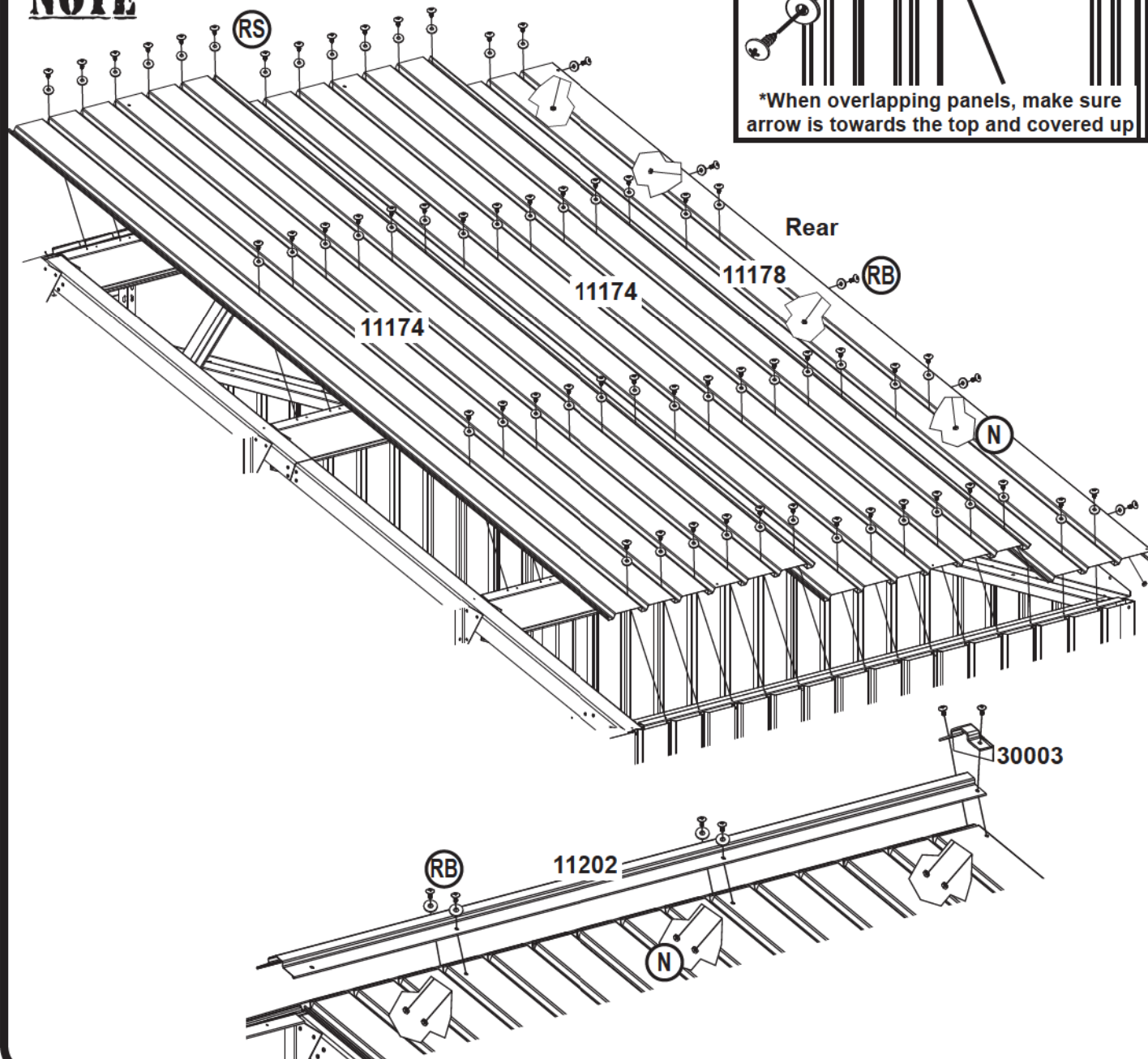
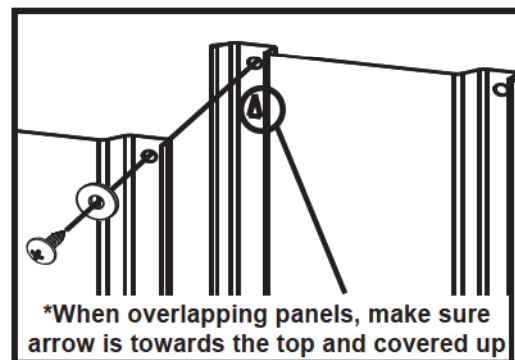


64GW

Step 18A



NOTE Use painted fasteners that match roof panel color

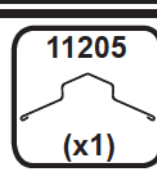
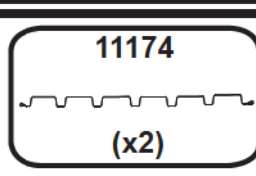
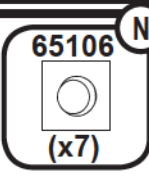
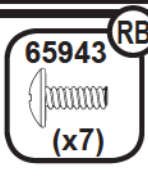
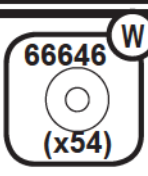
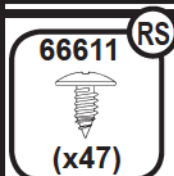




65GW

Step 18B

Extension x1



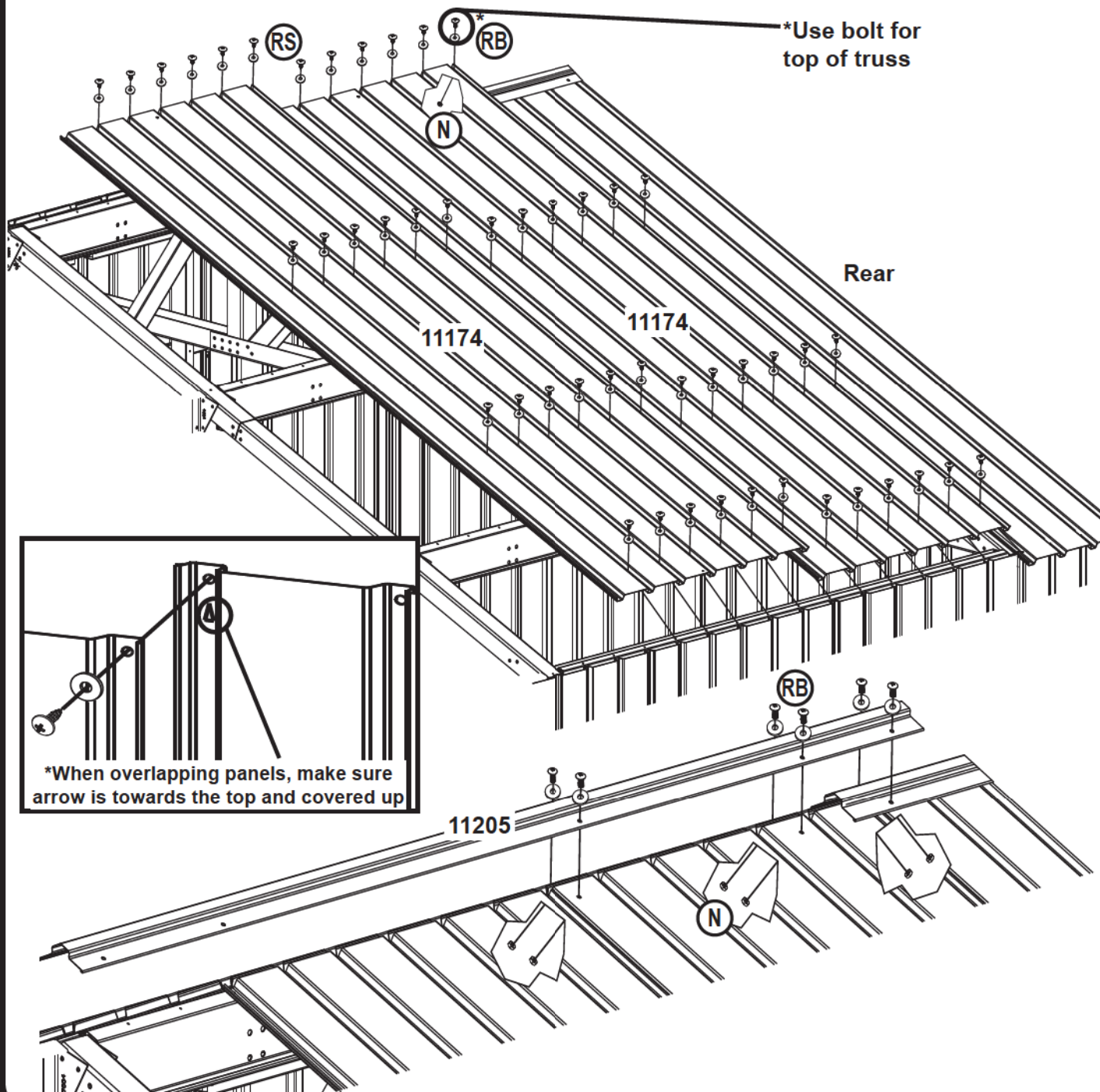
12x15+

*Lubricate screws
to aid assembly

NOTE

Use painted fasteners that match roof panel color

*Use bolt for
top of truss

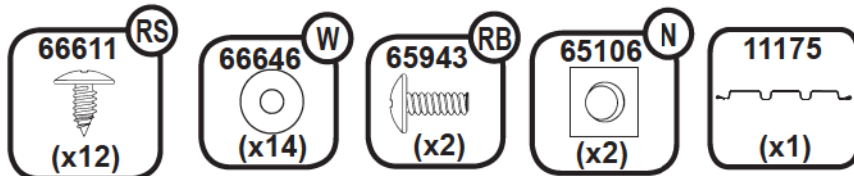




66GW

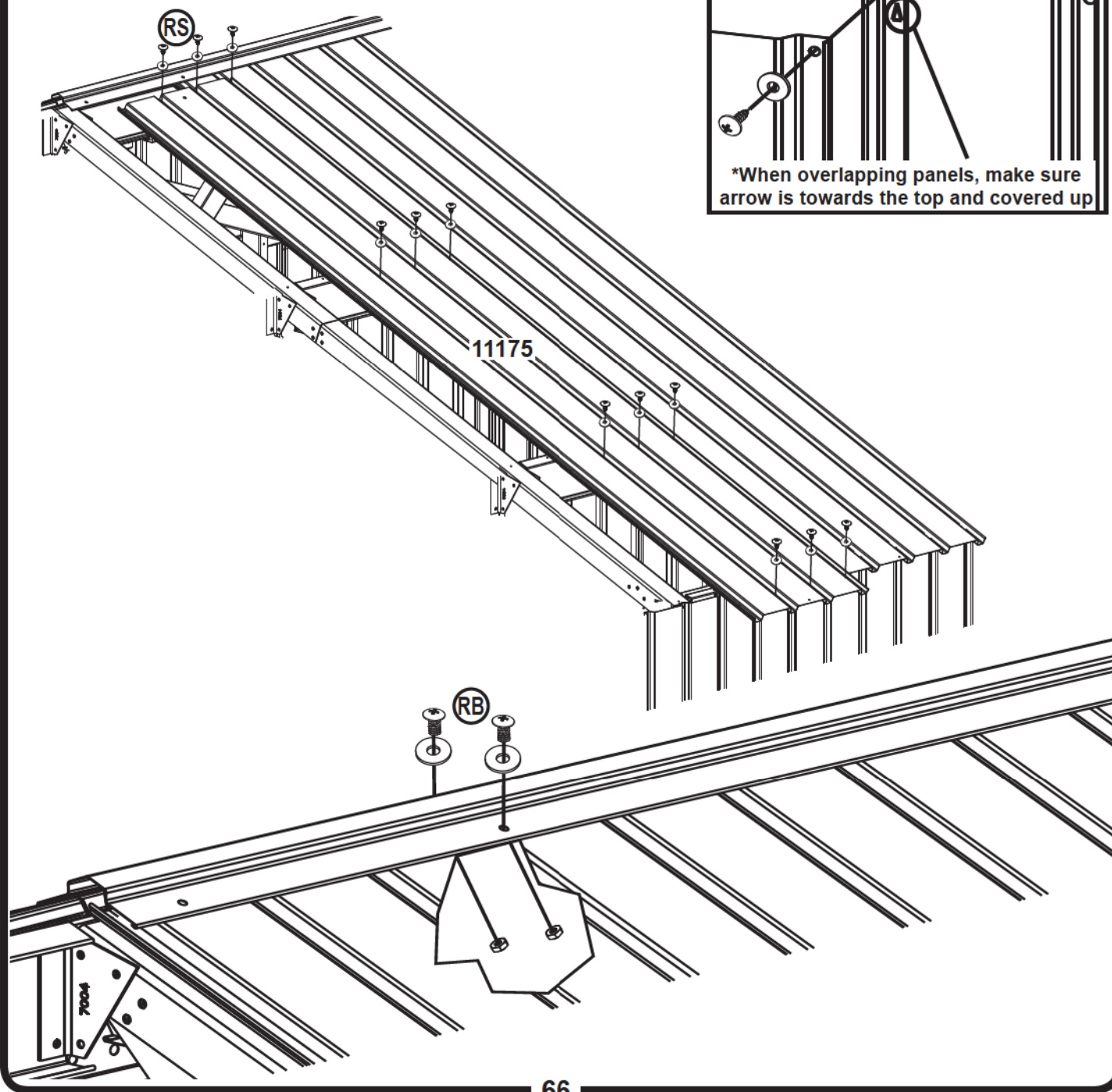
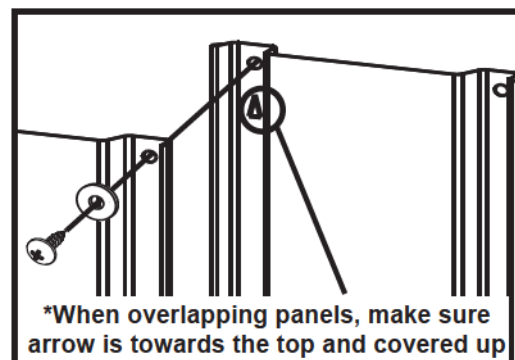
Step 18C

Extension x1



12x15+

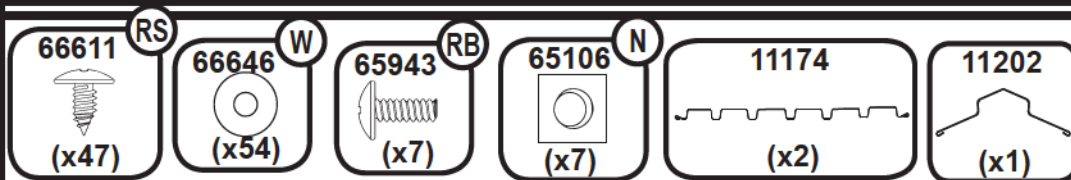
NOTE Use painted fasteners that match roof panel color





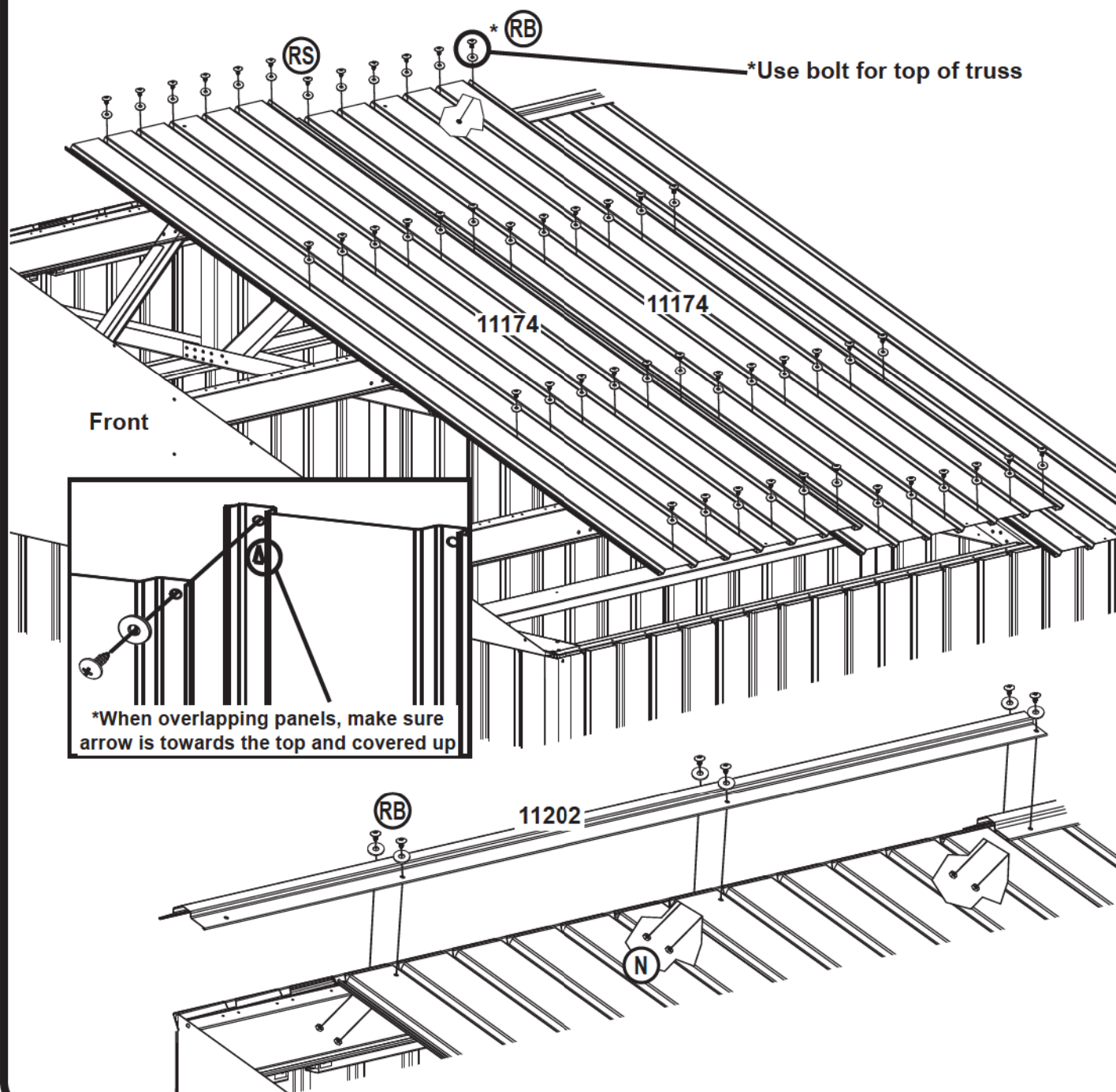
67GW

Step 18D



*Lubricate screws to aid assembly

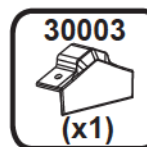
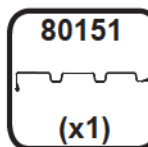
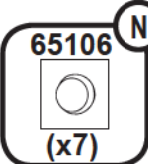
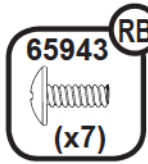
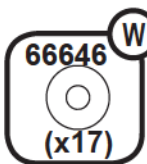
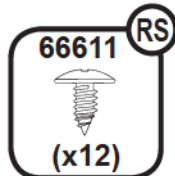
NOTE Use painted fasteners that match roof panel color



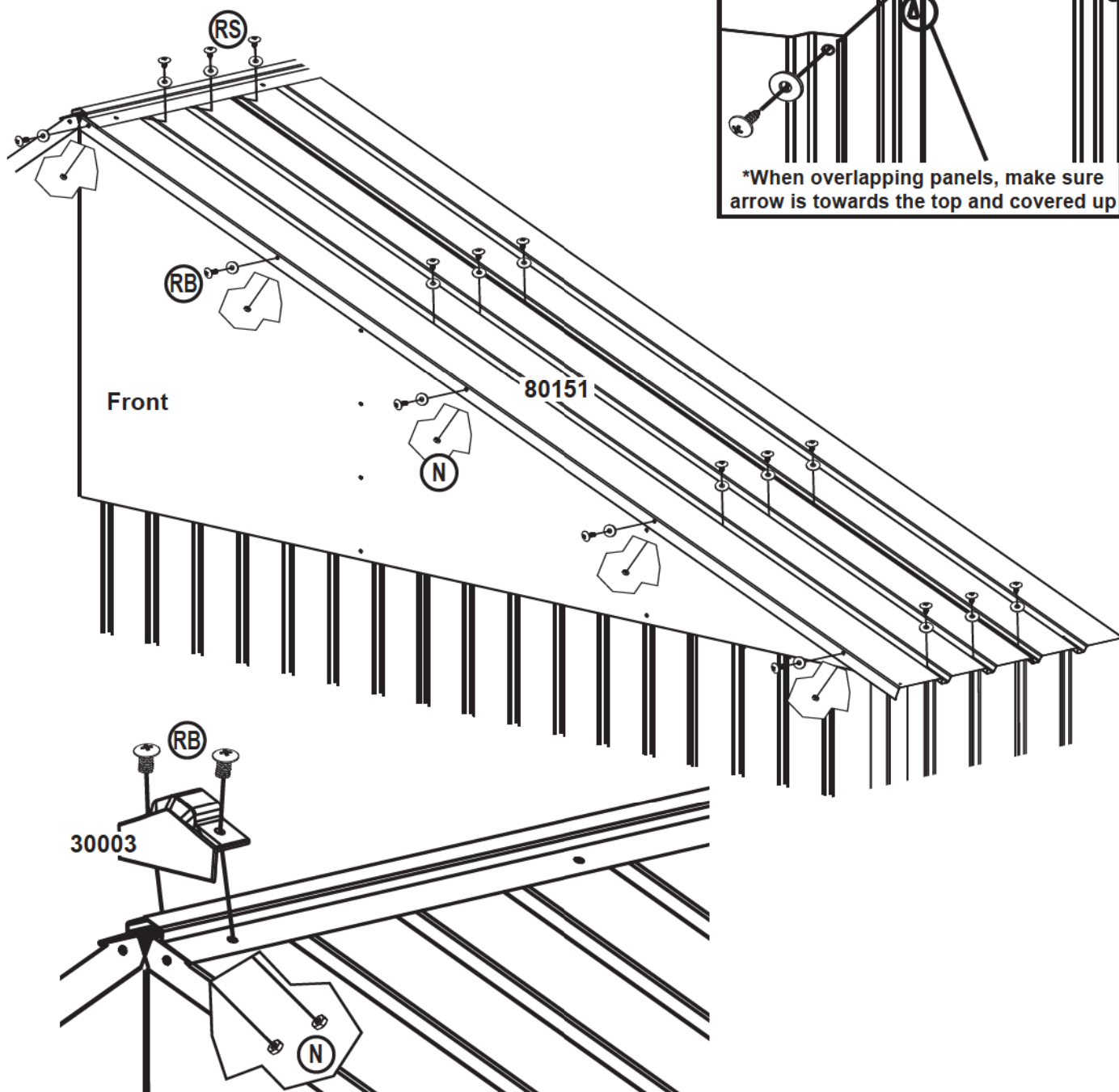


68GW

Step 18E

**NOTE**

Use painted fasteners that match roof panel color



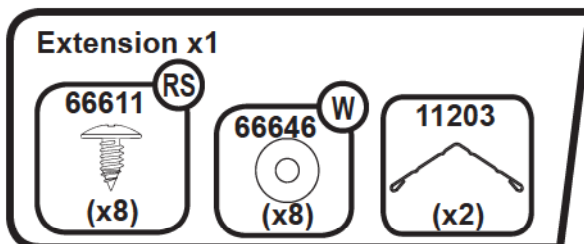
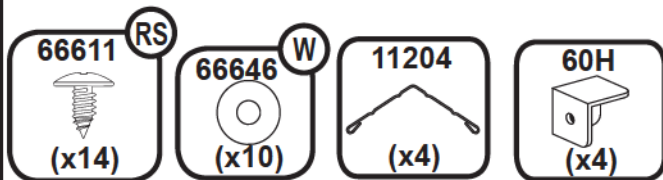
*When overlapping panels, make sure arrow is towards the top and covered up



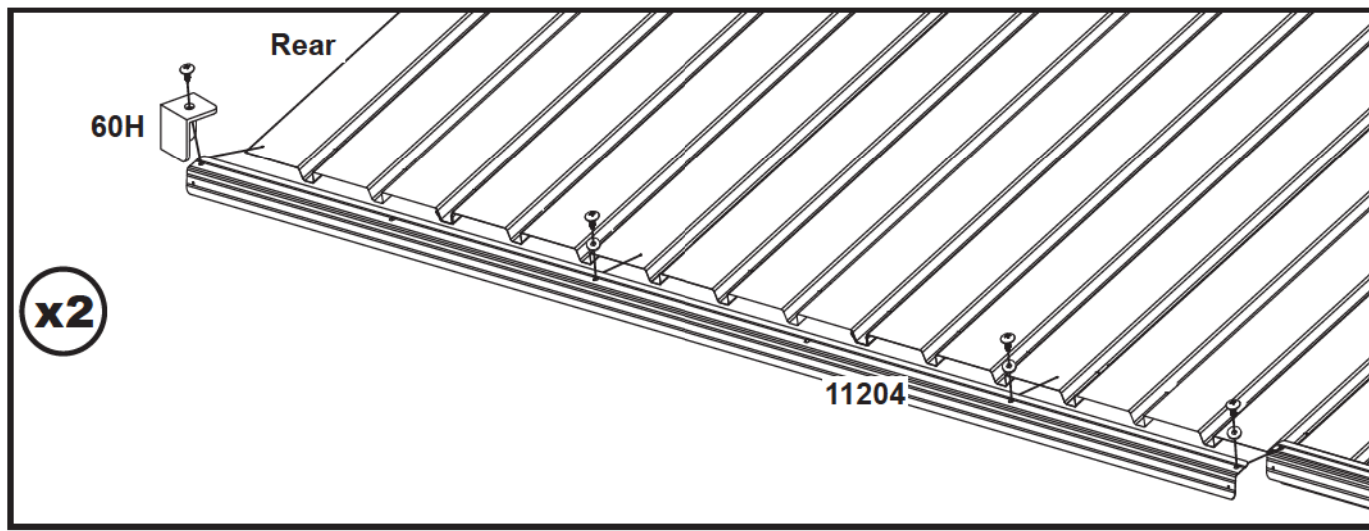
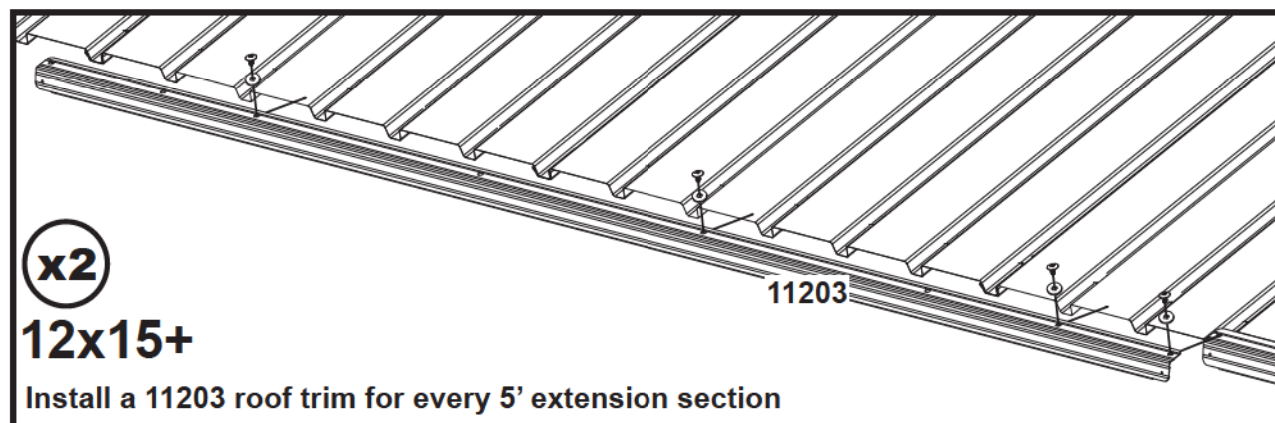
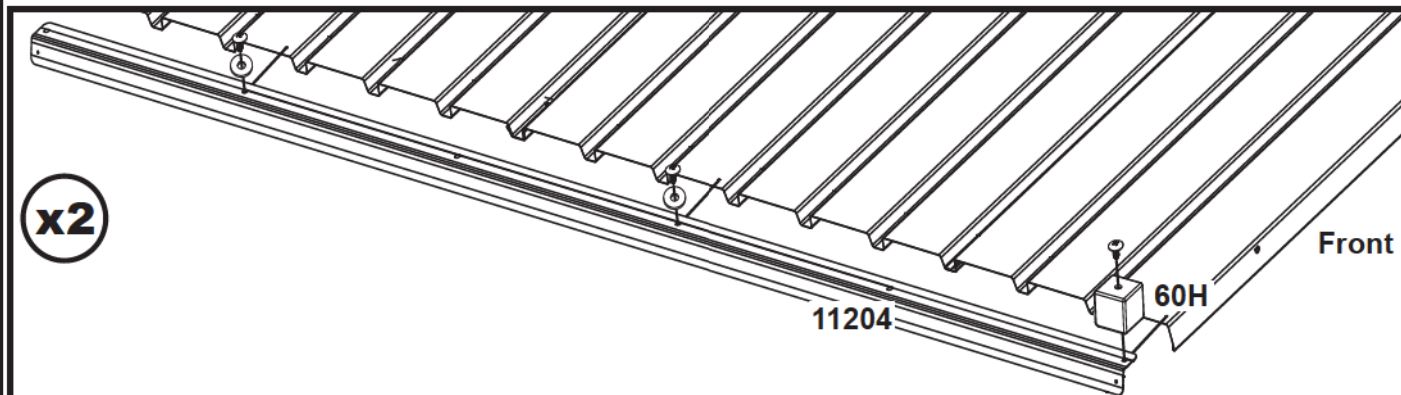


69GW

Step 19



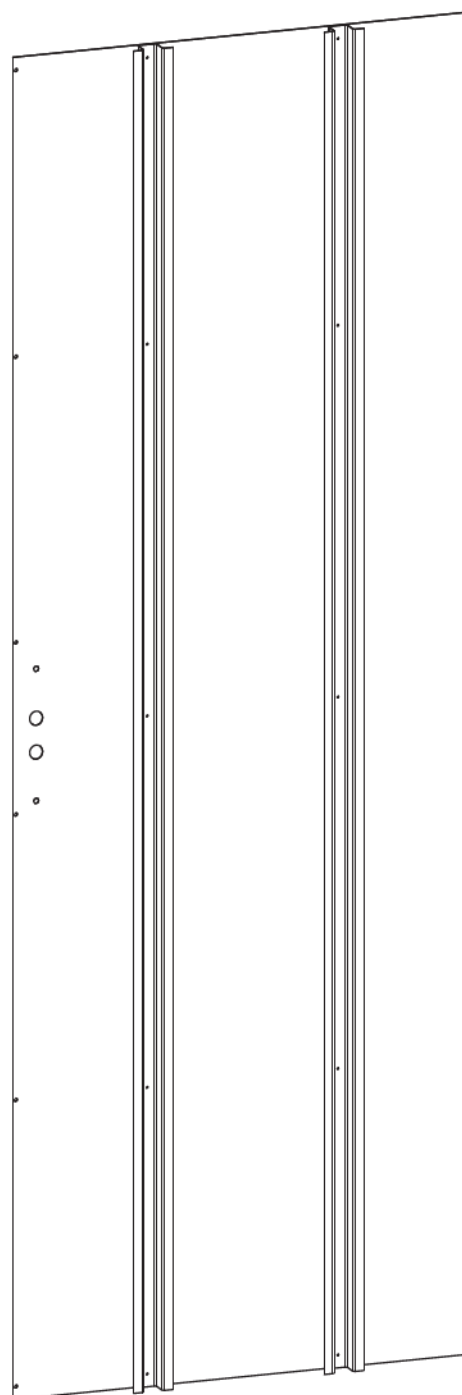
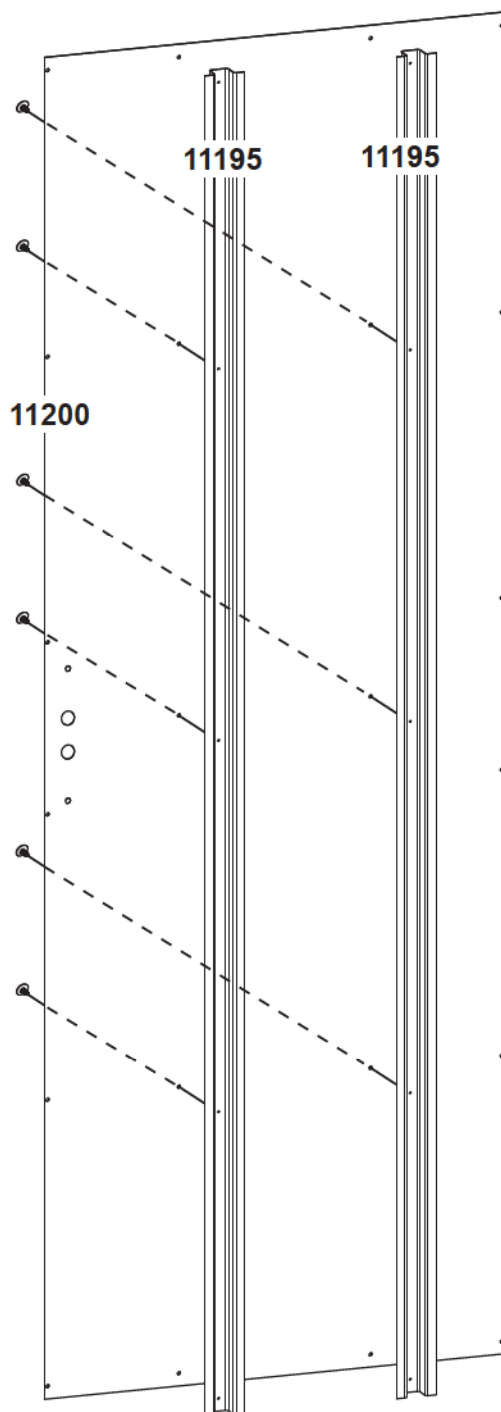
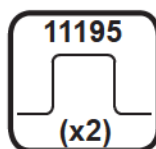
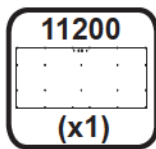
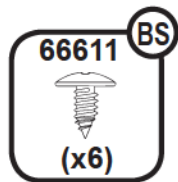
Install roof trim on both sides of the shed





70GW

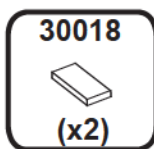
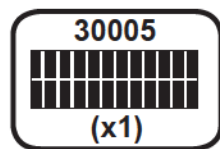
Step 20A



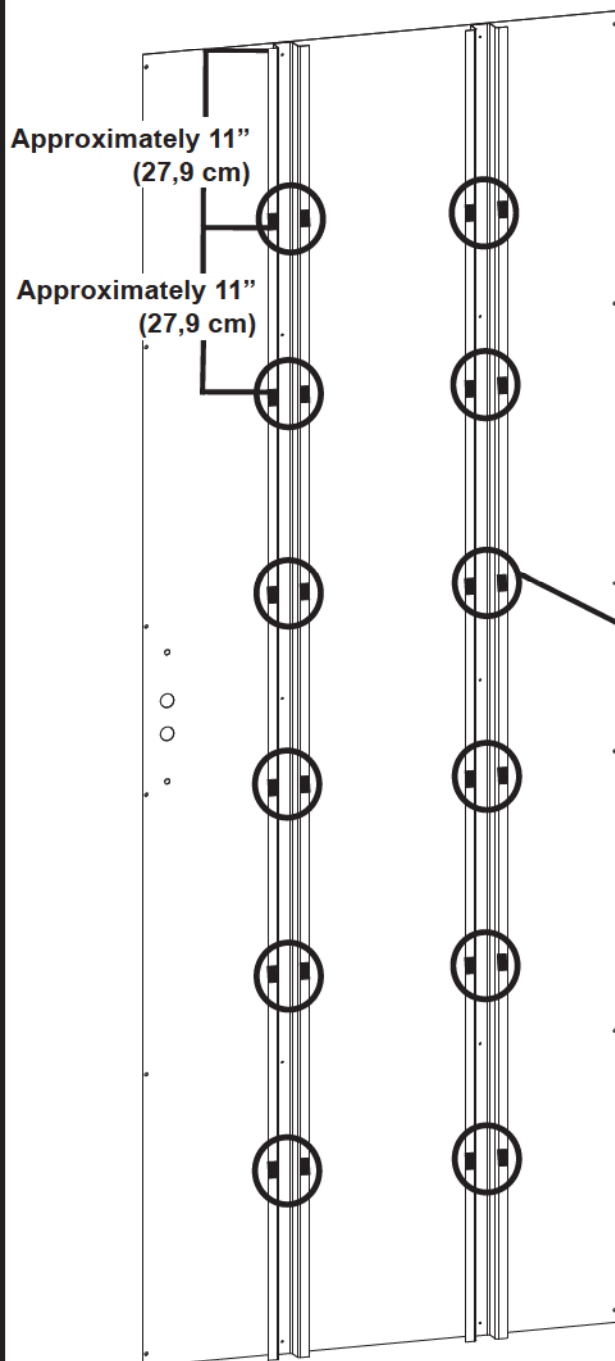


71GW

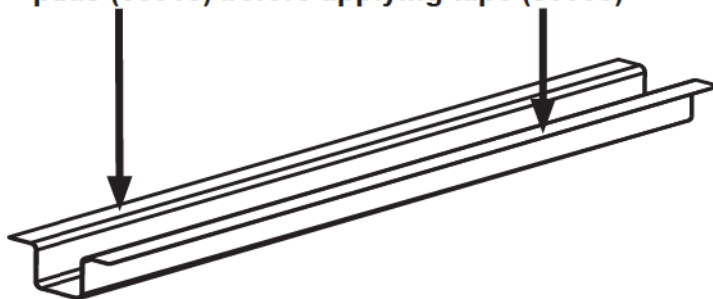
Step 20B



Once tape sticks to a surface it
CAN NOT be removed.



Wipe the legs of 11195 thoroughly with alcohol
pads (30018) before applying tape (30005)



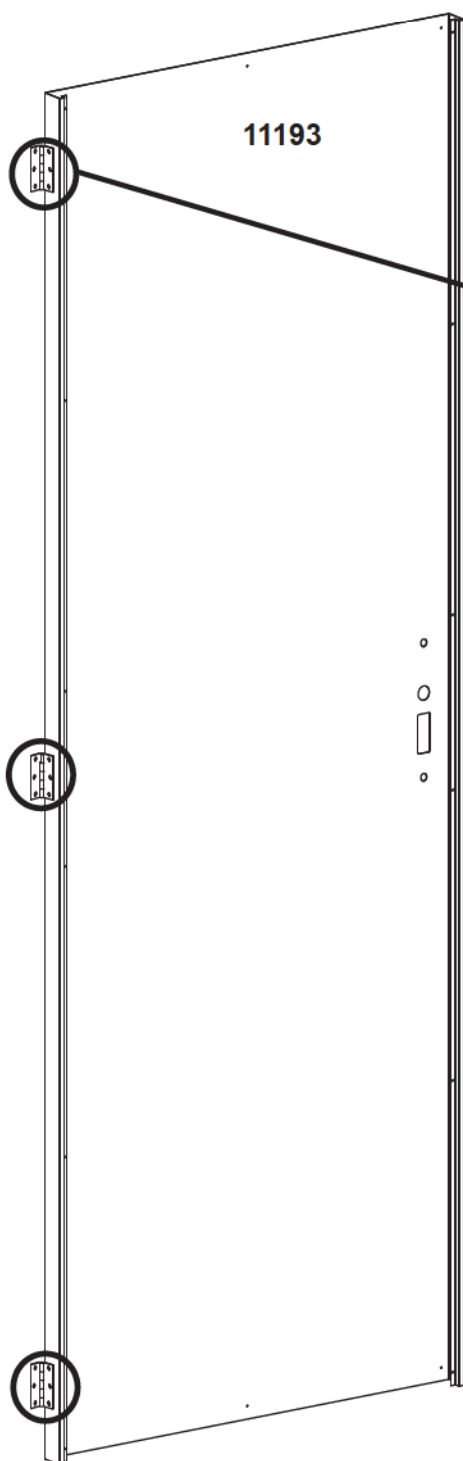
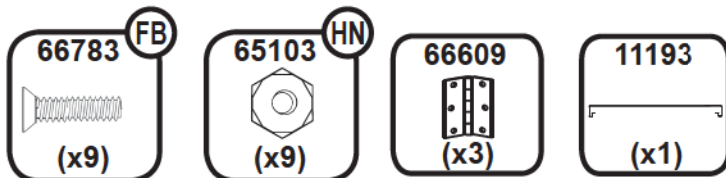
Press tape firmly along the door braces approximately
11" (27,9 cm) apart. **DO NOT** peel the backing off at this
time.



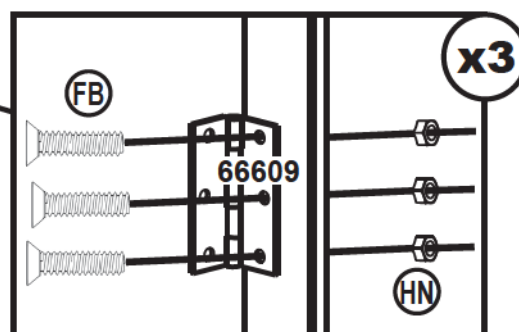


Step 20C

72GW



11193





73GW

Step 20D



Use hardware supplied
with handle assembly
box for this page

M5x10 Screw

(x2)

M5 Hex Nut

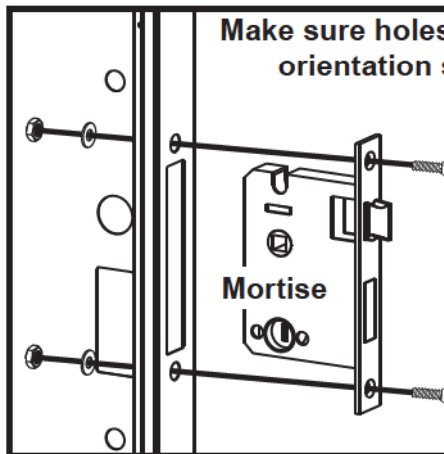
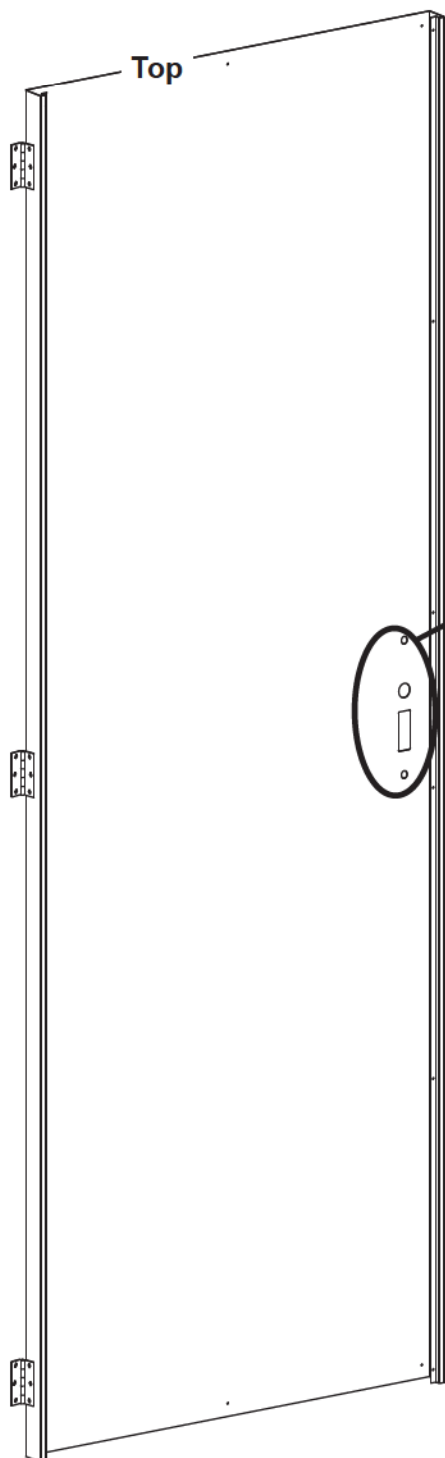
(x2)

M5 Washer

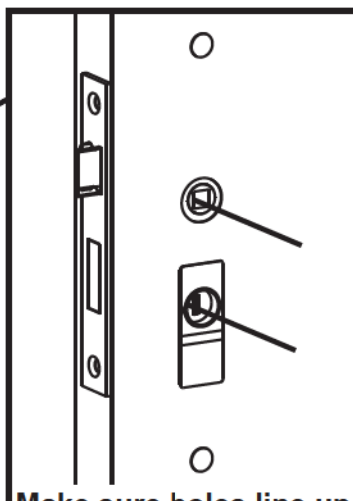
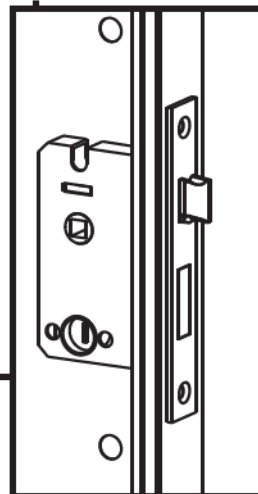
(x2)

Mortise

(x1)



Make sure holes are in the
orientation shown



Make sure holes line up

**Door Latch Orientation
Top View**

Outside Door

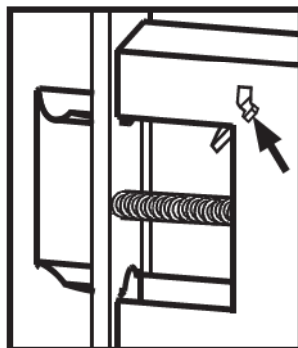


Correct
Orientation

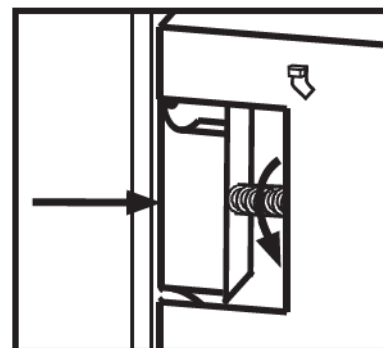
Outside Door



Incorrect
Orientation



If door latch is in wrong
orientation, push tab up



Push latch in and rotate
to correct orientation



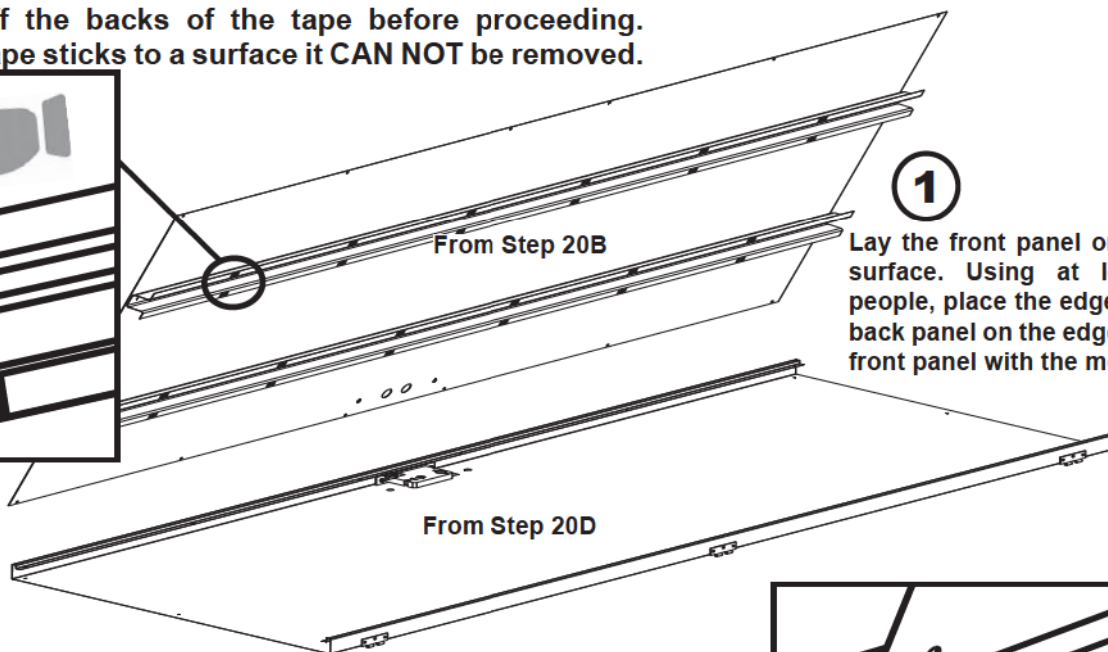
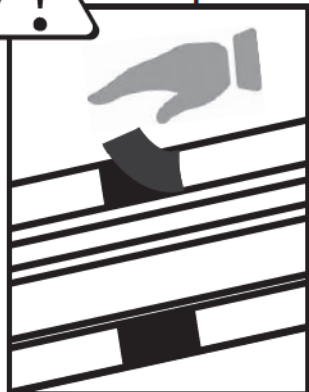


74GW

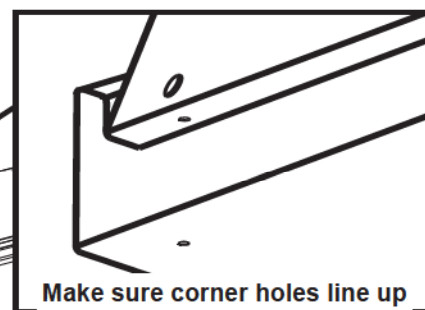
Step 20E



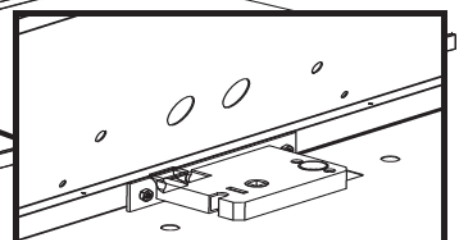
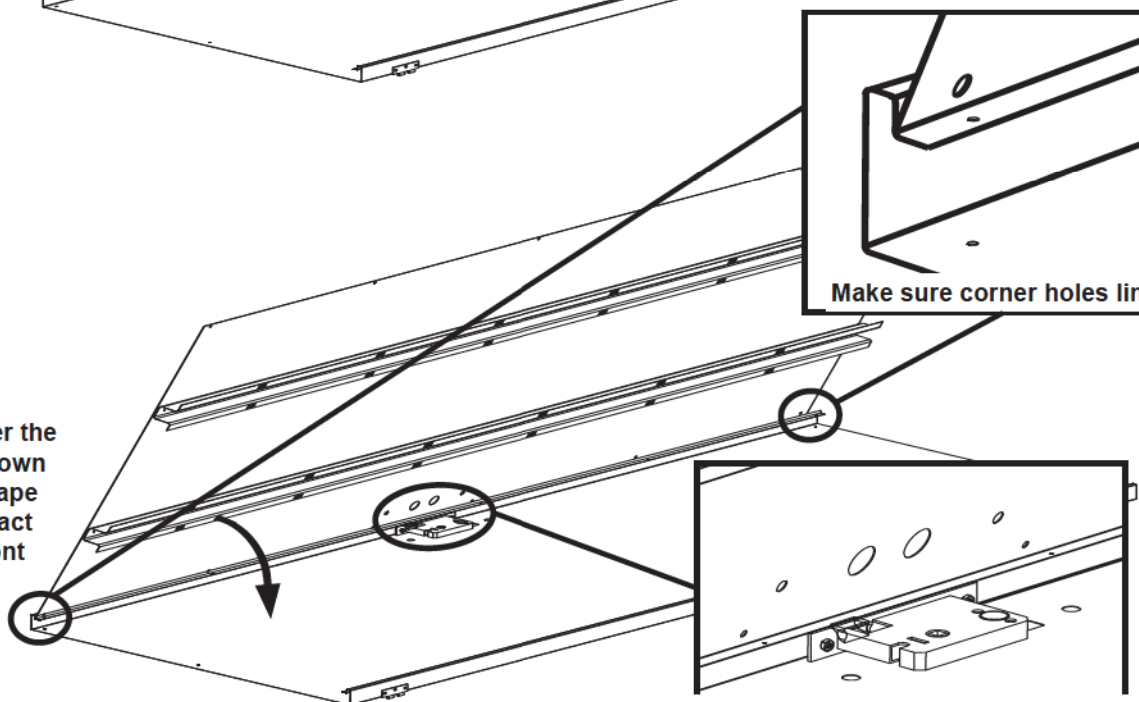
Peel off the backs of the tape before proceeding.
Once tape sticks to a surface it **CAN NOT** be removed.



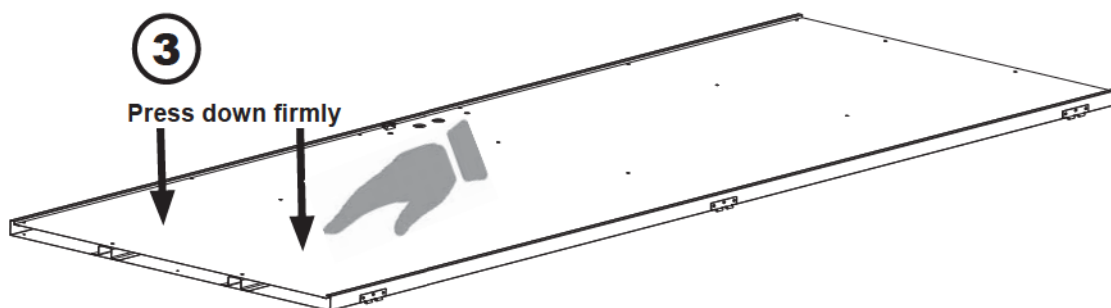
1
Lay the front panel on a flat surface. Using at least 2 people, place the edge of the back panel on the edge of the front panel with the mortise

**2**

Carefully lower the back panel down so that the tape makes contact with the front

**3**

Press down firmly





75GW

Step 20F

66611

WS



(x22)

66646

W



(x6)

11196



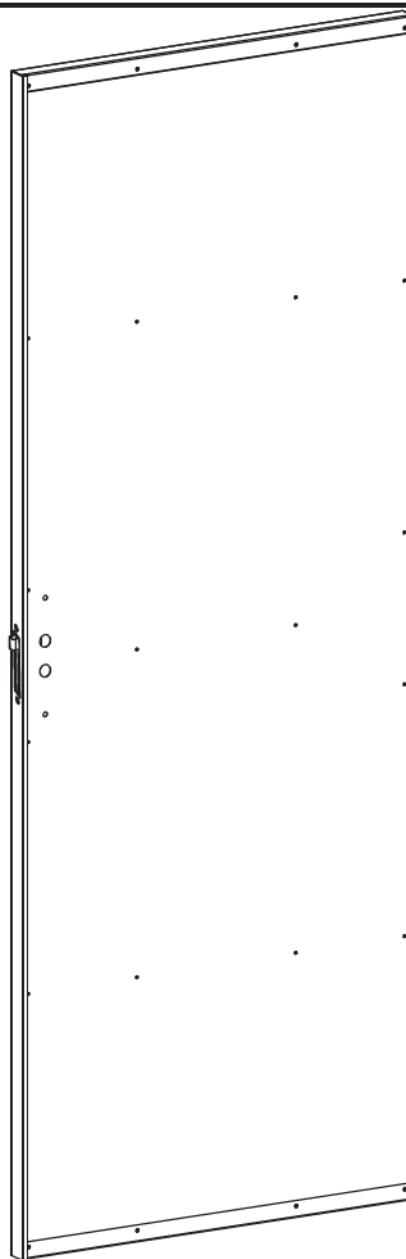
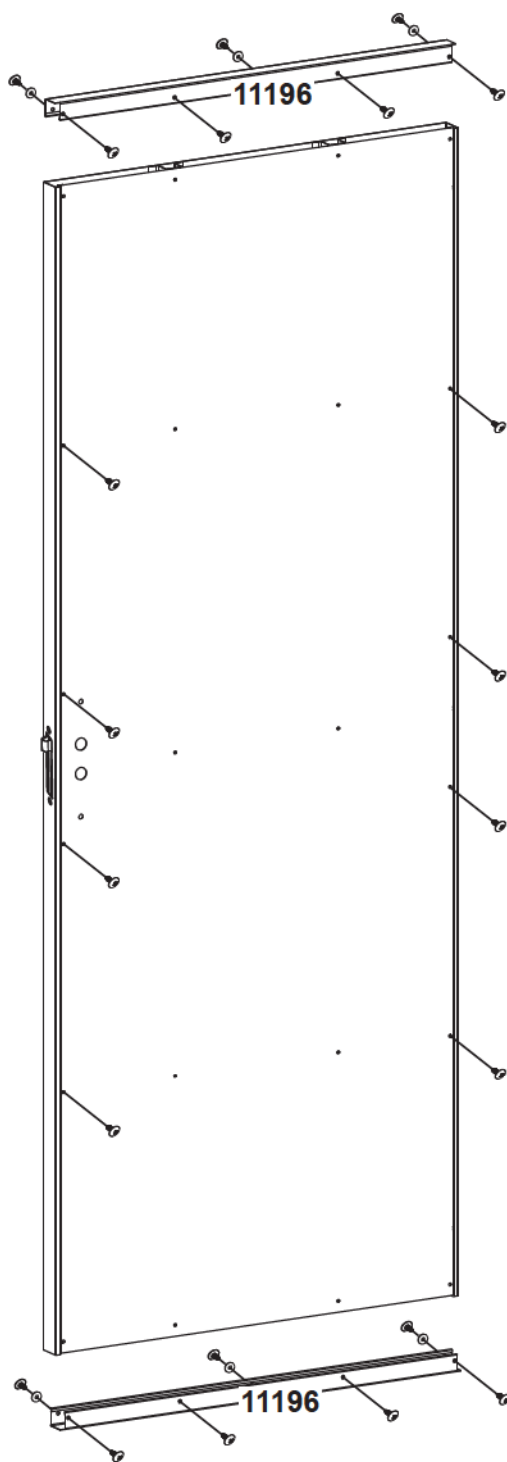
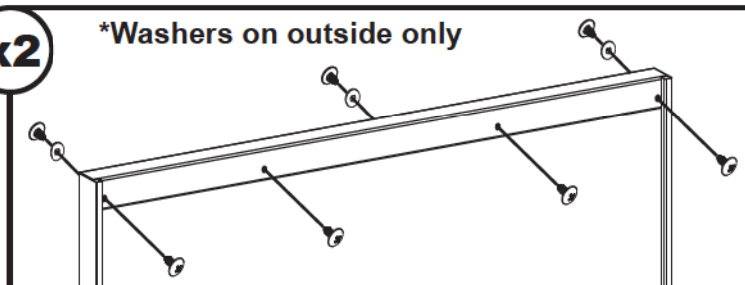
(x2)

NOTE

Use painted fasteners that match wall color

x2

*Washers on outside only



75





76GW

Step 21A



Use hardware supplied
with handle assembly
box for this page

Strike Plate



(x1)

M5x10 Screw

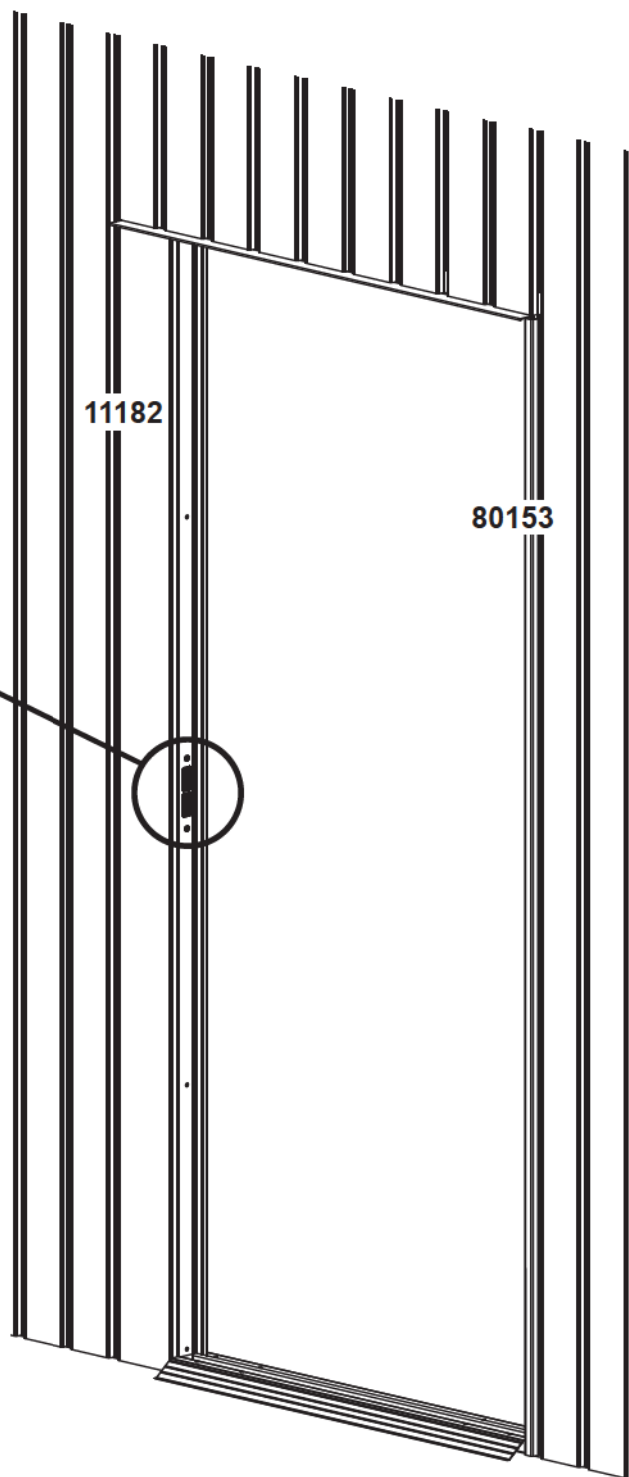
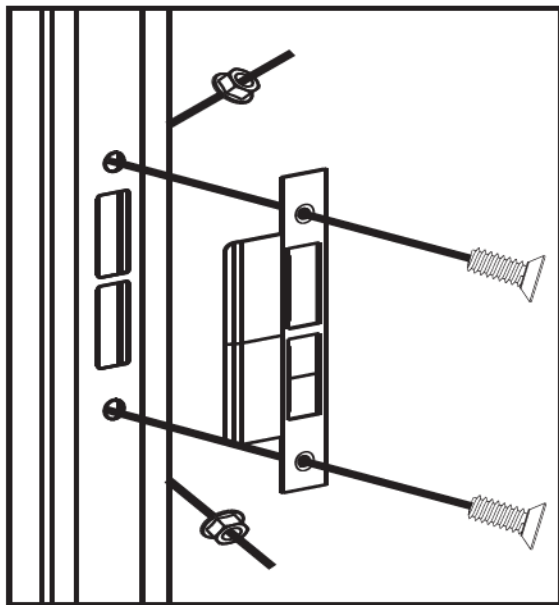


(x2)

M5 Hex Nut



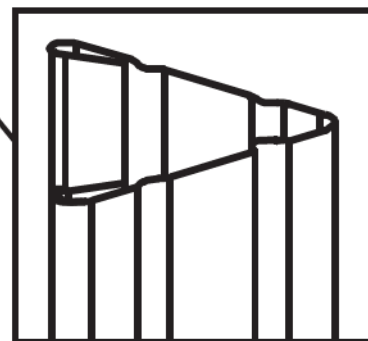
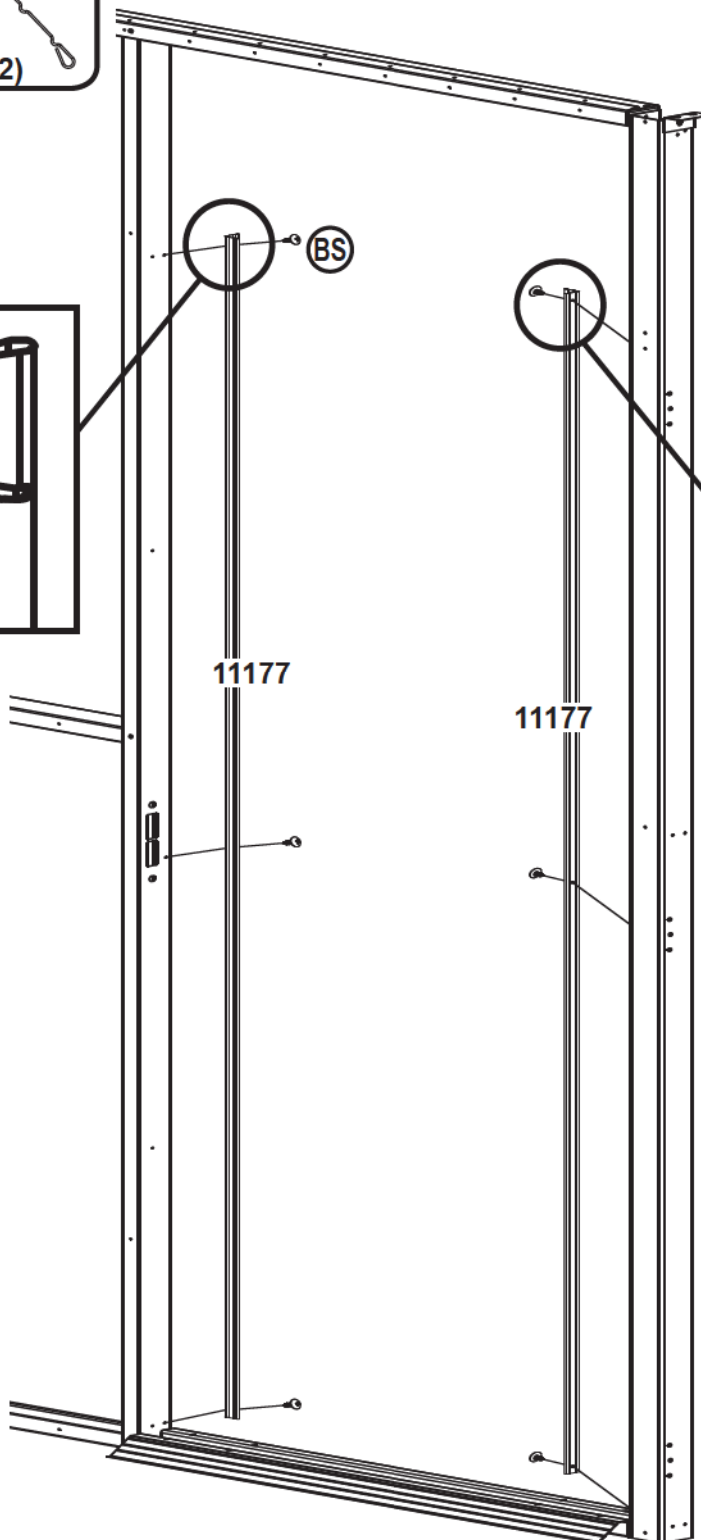
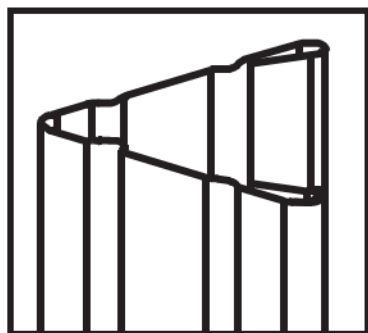
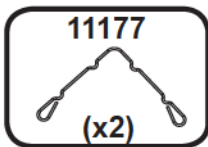
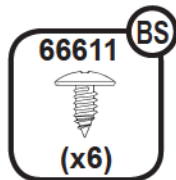
(x2)





Step 21B

77GW



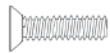


Step 21C

78GW

66783

FB



(x9)

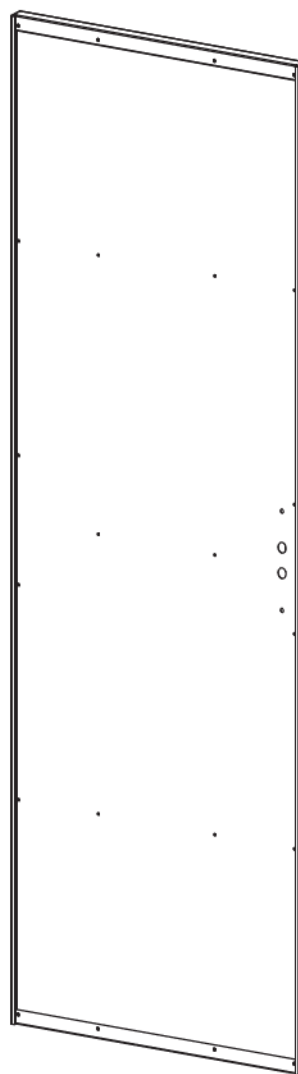
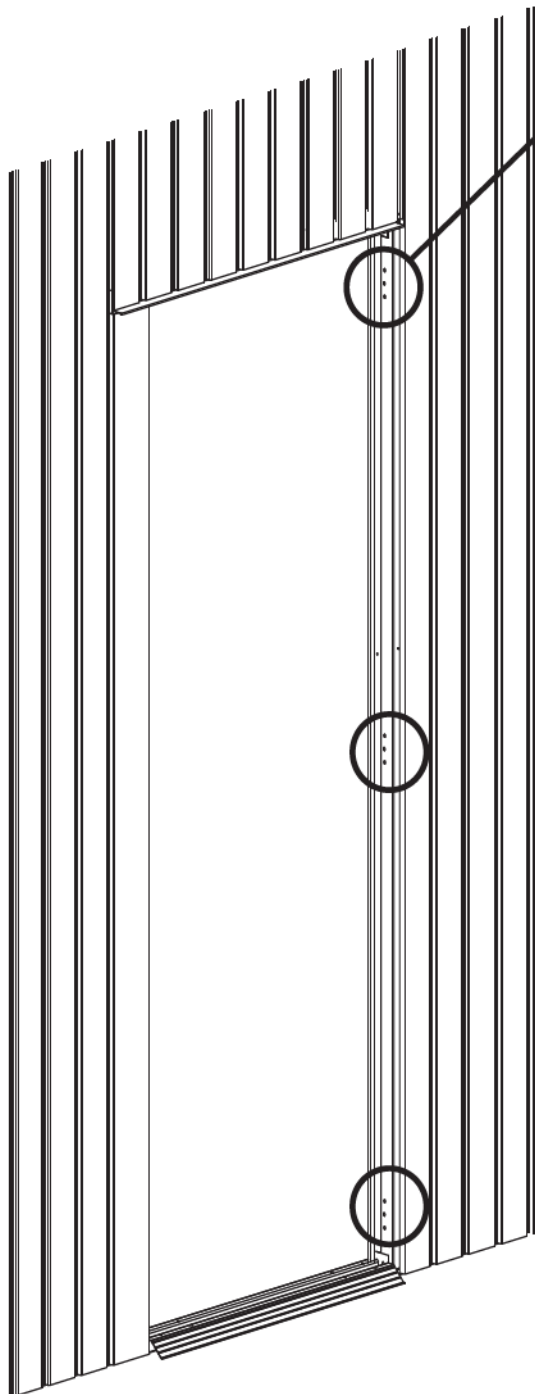
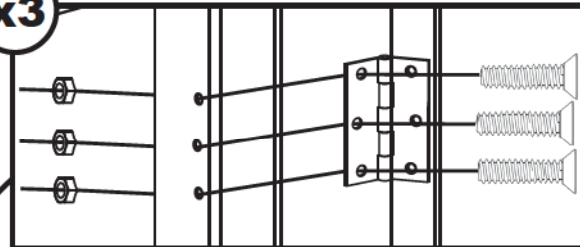
65103

HN



(x9)

x3





79GW

Step 22A

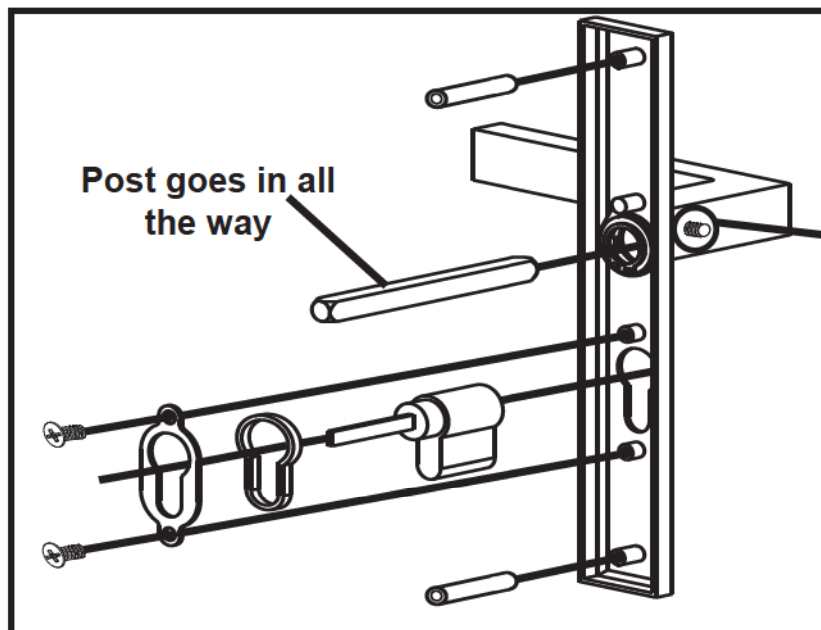


Use hardware supplied
with handle assembly
box for this page

M4x5 Screw

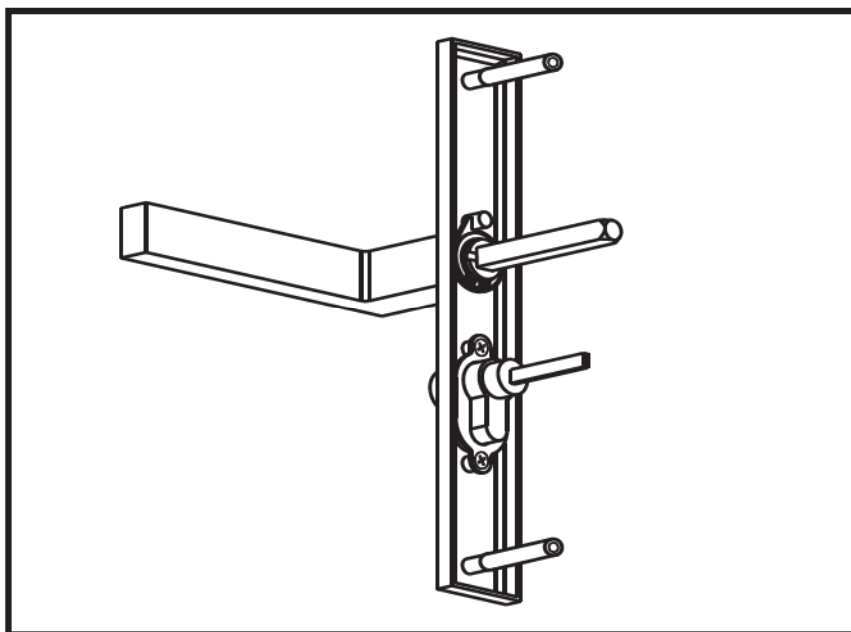


(x2)



Post goes in all
the way

Use Allen wrench
to tighten set screw



DO NOT lose keys.
Replacement keys
are not available





80GW

Step 22B



Use hardware supplied
with handle assembly
box for this page

M5x30 Screw

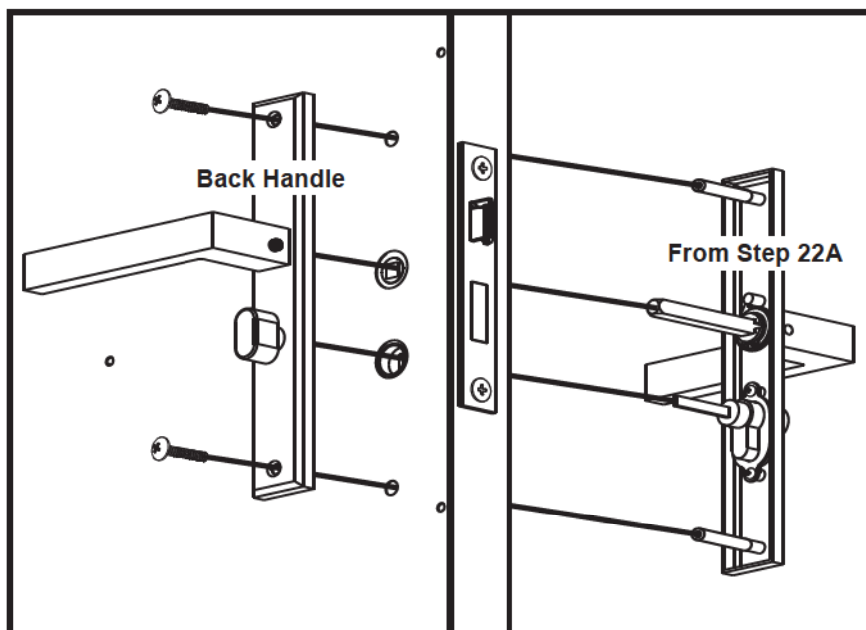
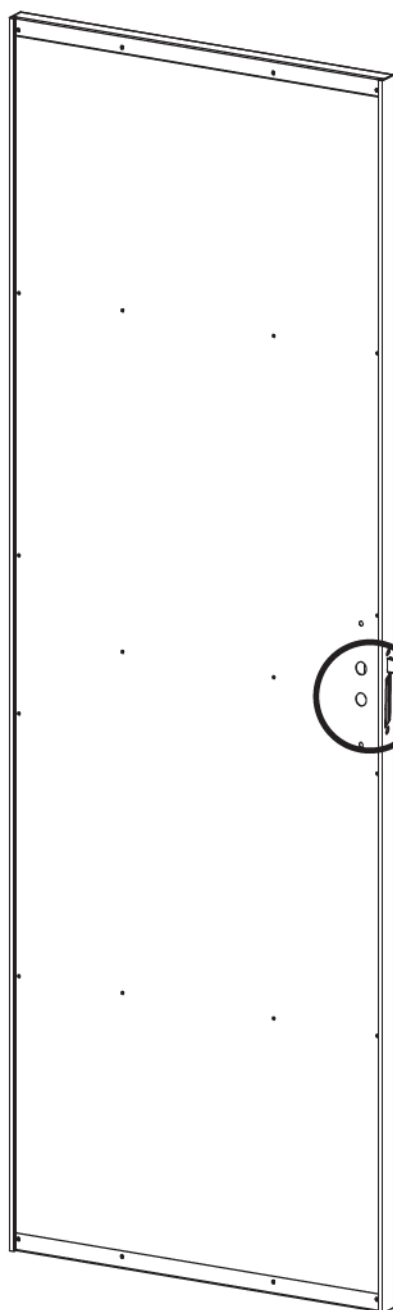


(x2)

Back
Handle



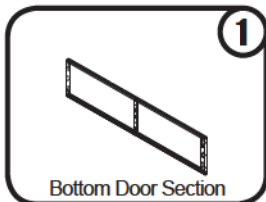
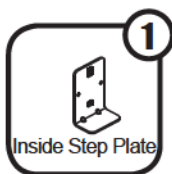
(x1)





81GW

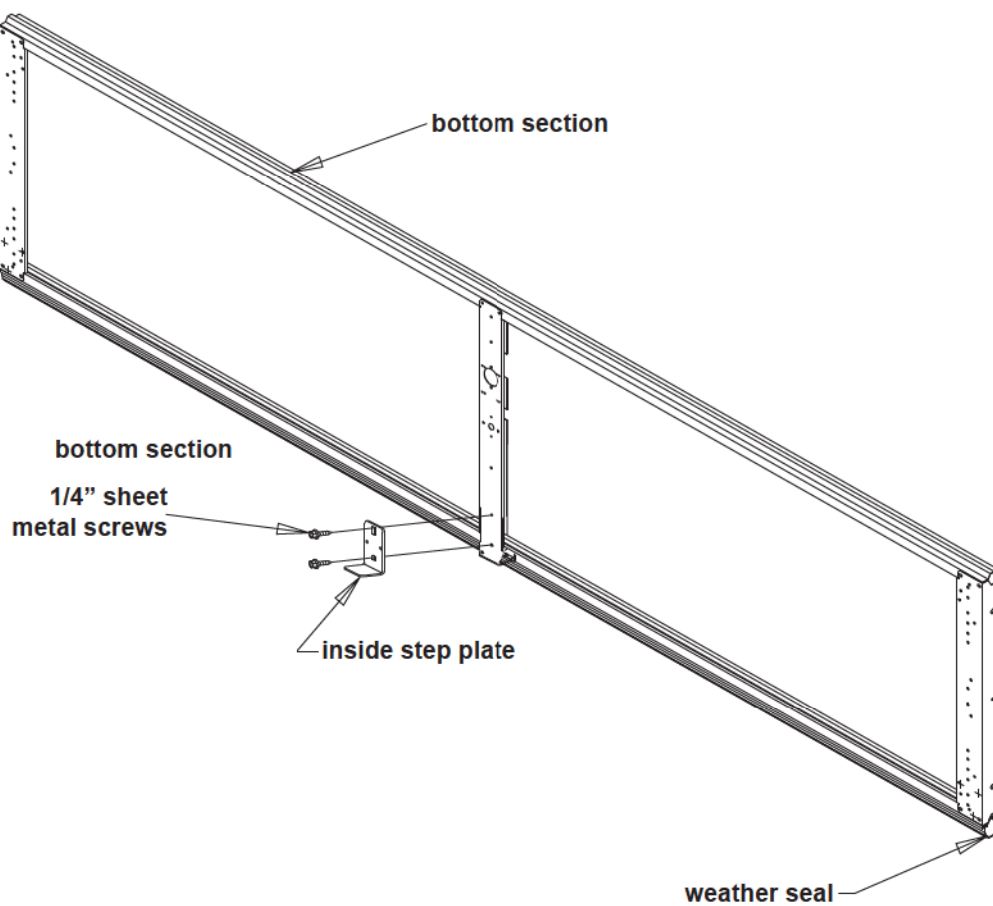
Step 23A: Bottom Panel



Bottom Gripping Point/Step Plate Kit

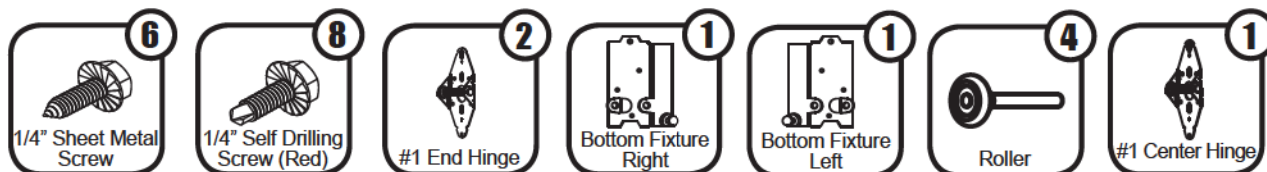
Look for the section with weather seal attached to it. This is the bottom section. Set it on table face down (the face is the outside of the door).

- 1 Use screws to attach the Inside Step Plate to the Bottom Section as shown.



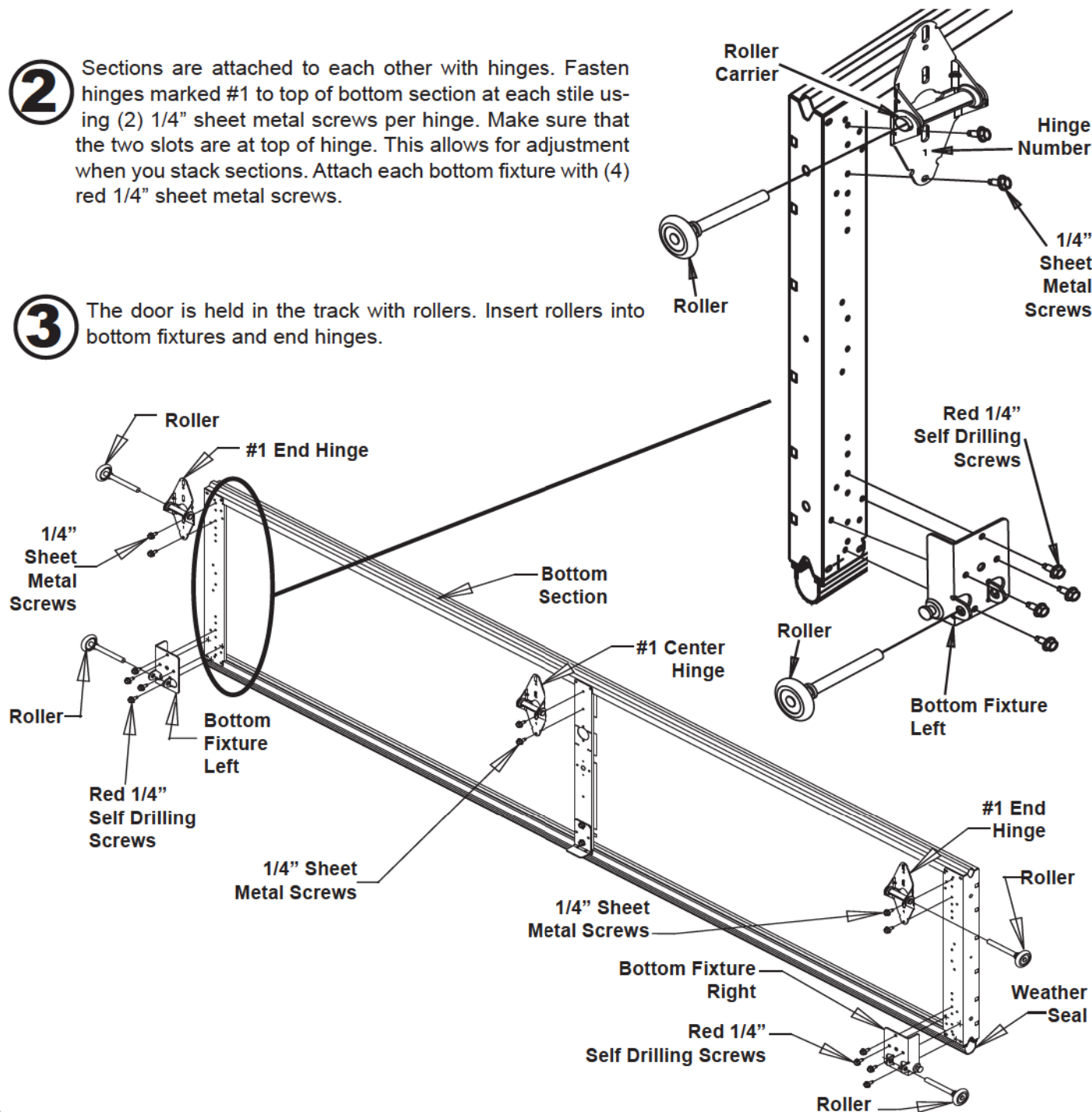


Step 23B: Bottom Panel



- 2** Sections are attached to each other with hinges. Fasten hinges marked #1 to top of bottom section at each stile using (2) 1/4" sheet metal screws per hinge. Make sure that the two slots are at top of hinge. This allows for adjustment when you stack sections. Attach each bottom fixture with (4) red 1/4" sheet metal screws.

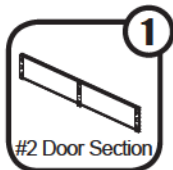
- 3** The door is held in the track with rollers. Insert rollers into bottom fixtures and end hinges.



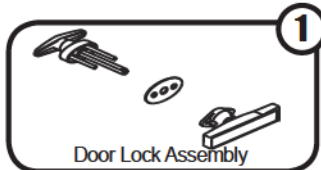


83GW

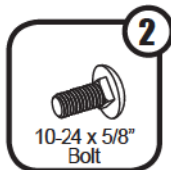
Step 24A: #2 Panel



#2 Door Section

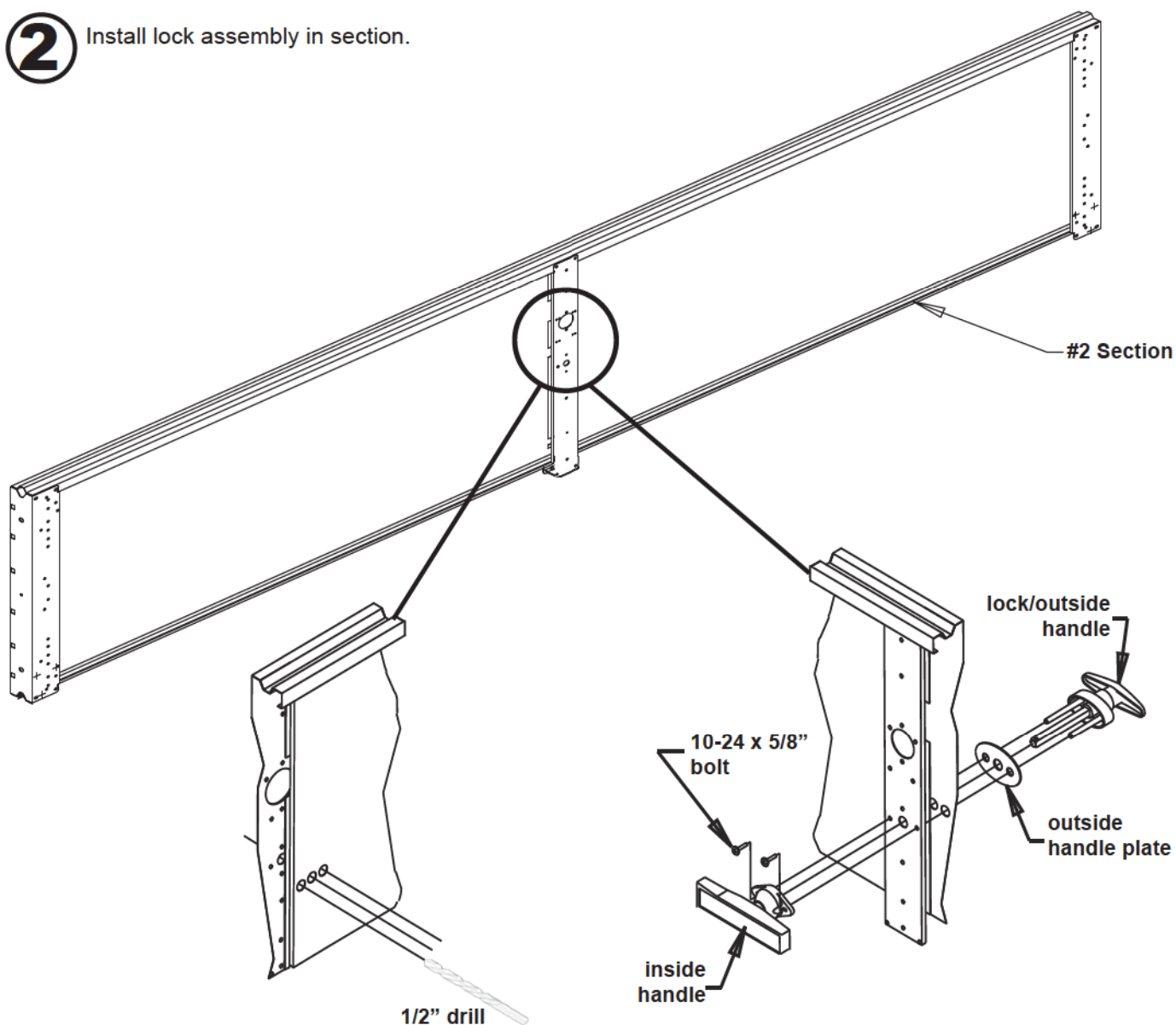


Door Lock Assembly

10-24 x 5/8"
Bolt

1 Drill three 1/2" holes into the section face. Drill completely through the section for the middle hole.

2 Install lock assembly in section.



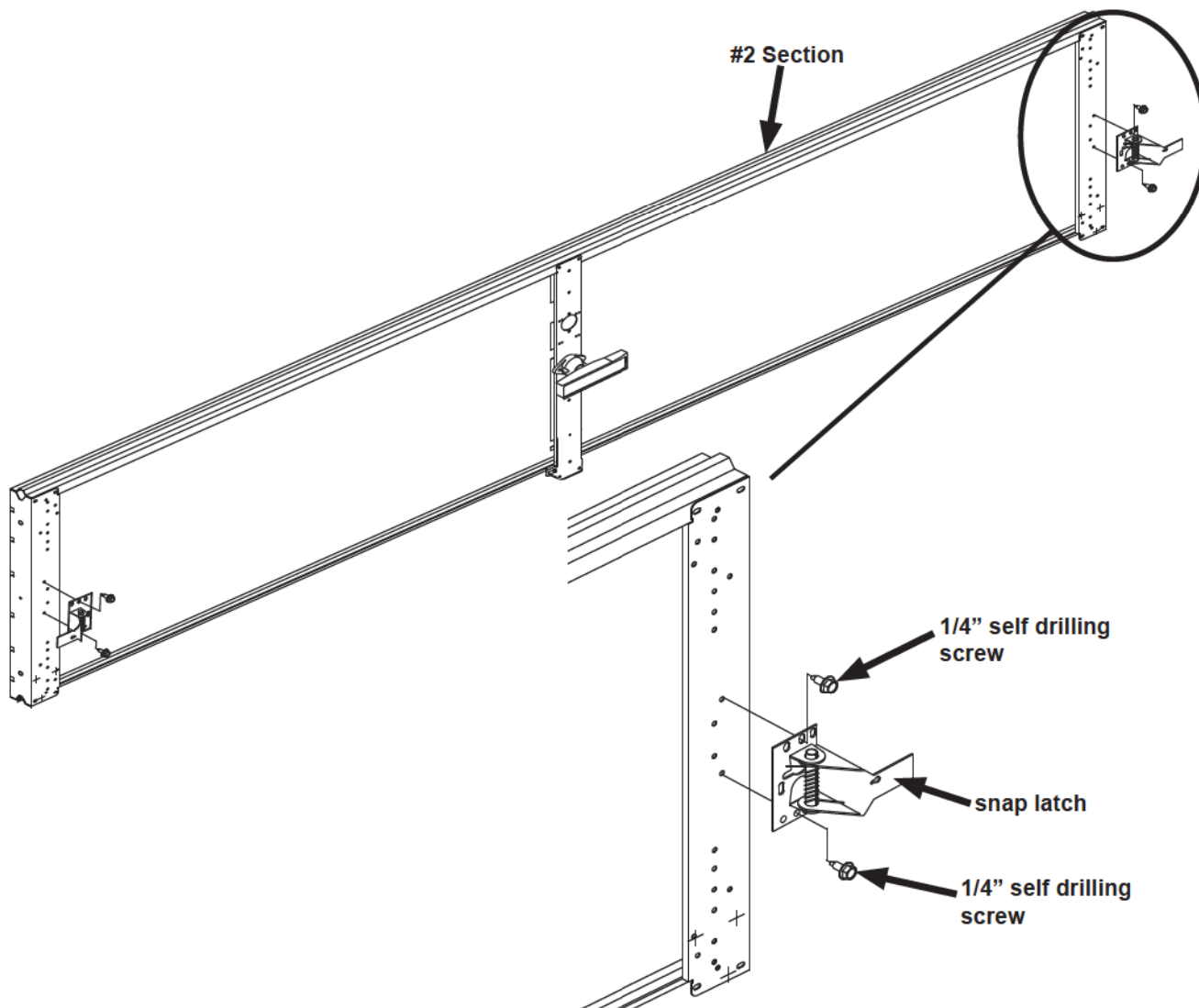


Step 24B: #2 Panel

84GW

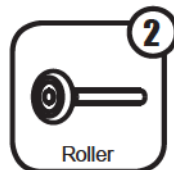


- 3** Attach a snap latch assembly to each end stile using two 1/4" self drilling screws.

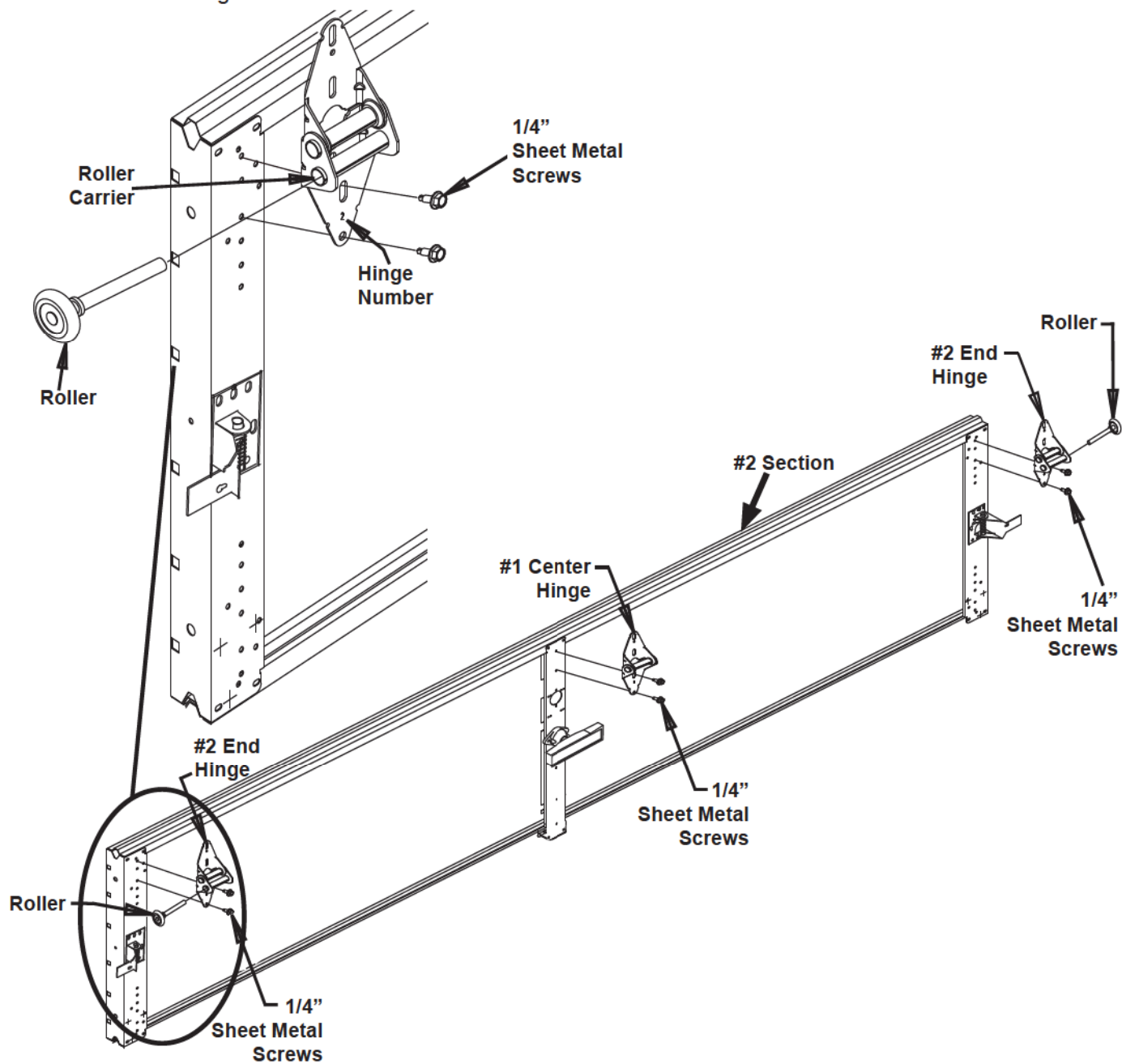




Step 24C: #2 Panel

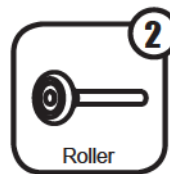
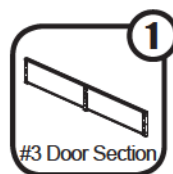


- 4** Fasten end hinges marked #2 to top of section on each end stile. Use (2) 1/4" sheet metal screws per hinge. Make sure that the two slots are at top of hinge. Insert a roller into each end hinge as shown. Attach #1 center hinge.

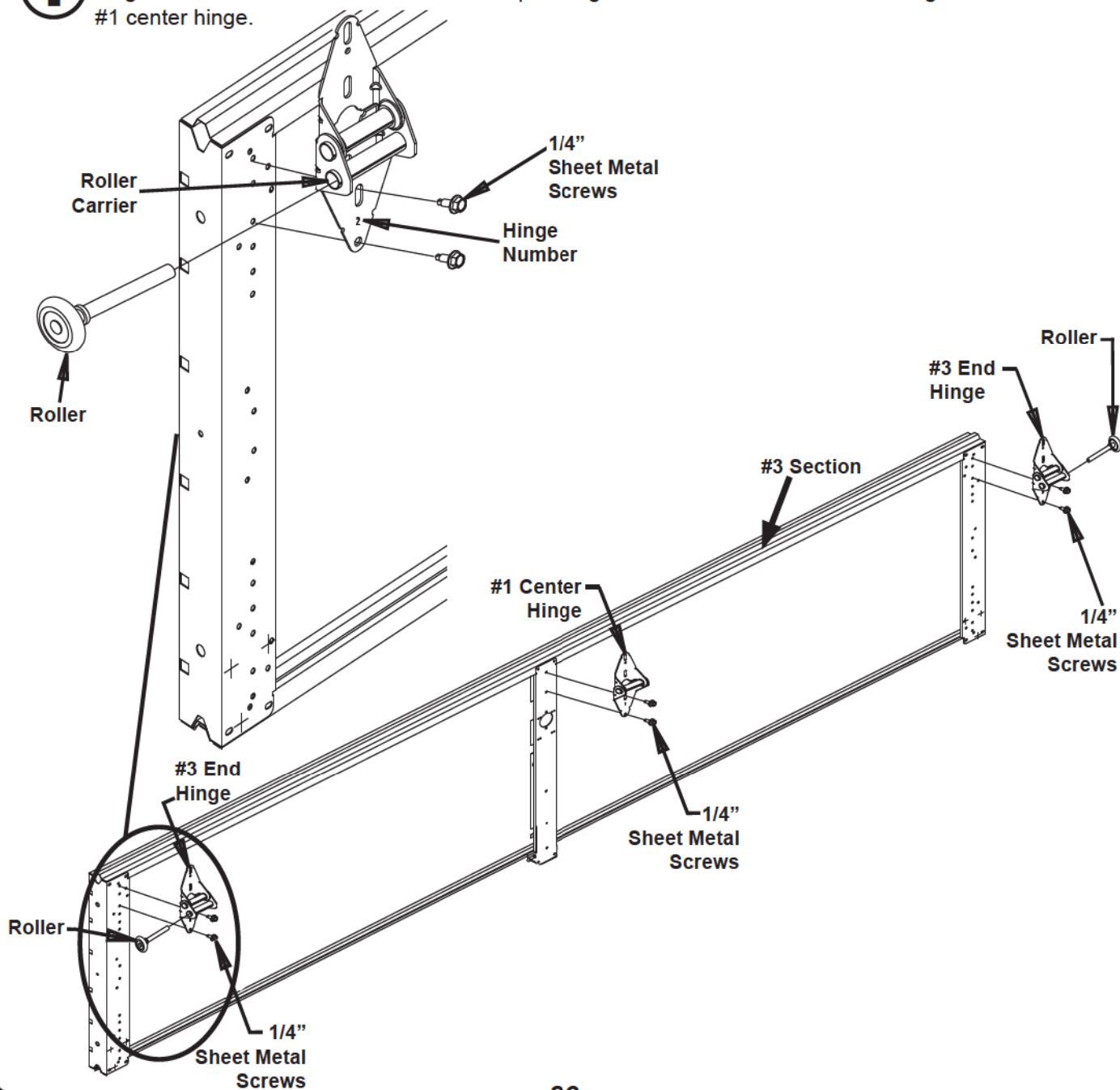




Step 25: #3 Panel

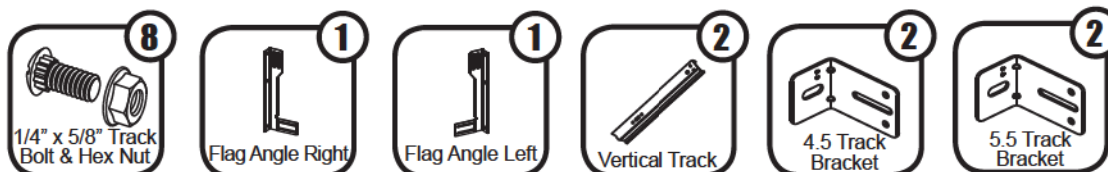


- 1** Fasten end hinges marked #3 to top of section on each end stile. Use (2) 1/4" sheet metal screws per hinge. Make sure that the two slots are at top of hinge. Insert a roller into each end hinge as shown. Attach #1 center hinge.





Step 26A: Track Installation

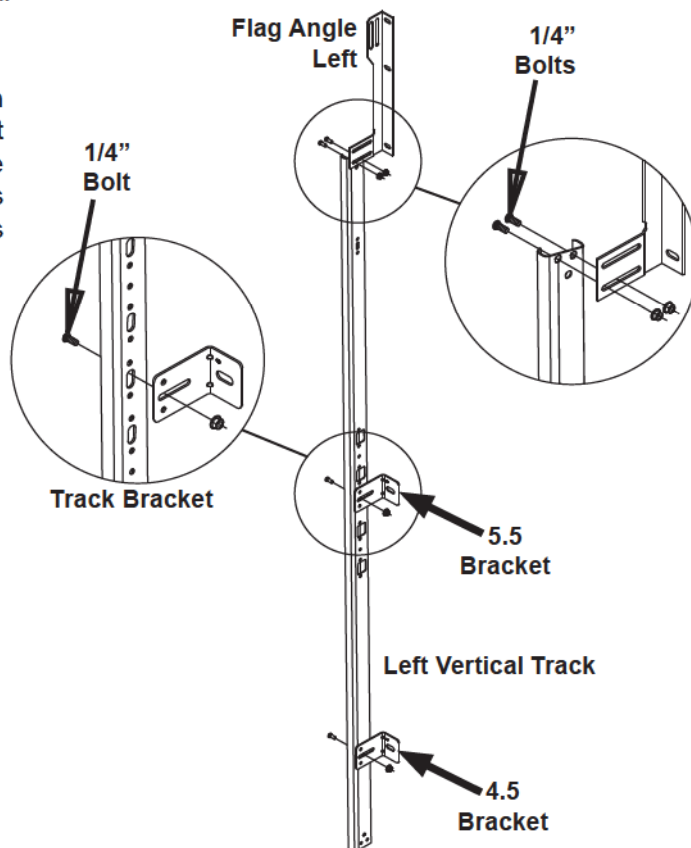
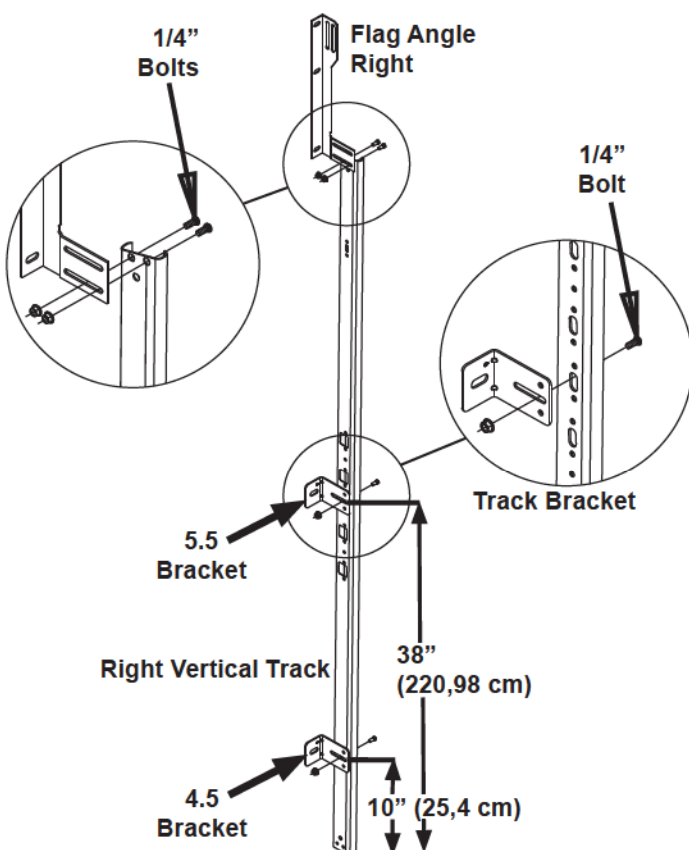


Prepare the Vertical Tracks.

- 1** The top of the vertical track must pitch back from the jamb for door to seal properly. This spacing is set by use of graduated track brackets. Attach but **do not fully tighten** brackets to track with 1/4" x 5/8" track bolts and nuts. The detail is shown with two different track brackets.

Always place heads of bolts to inside of the track.
This will prevent rollers from striking bolts.

- 2** The flag angle mounts to the top of the track with (2) 1/4" x 5/8" track bolts and nuts. This bracket joins the vertical and horizontal tracks as well as the angle attached to the horizontal track. Leave bolts loose at this time. You will adjust the track after it is installed to the jambs.



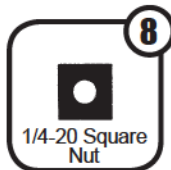


88GW

Step 26B: Track Installation



1/4-20x1/2" Hex
Head Bolt



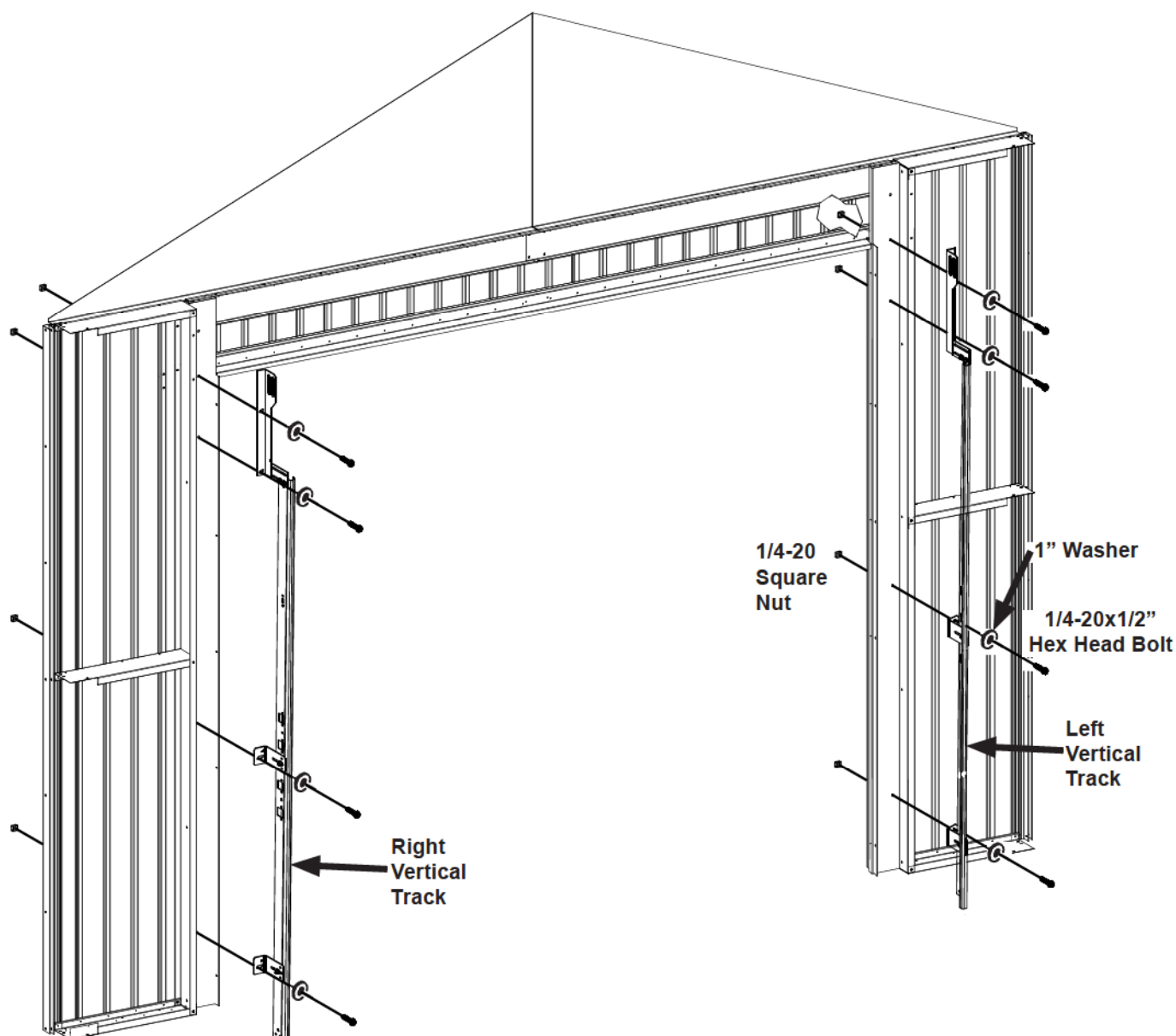
1/4-20 Square
Nut



1" Washers

3

Fasten the vertical track and flag angle assembly to the door jamb using 1/4" Bolt and Hex Nut with 1" Washer. Follow the orientation as shown below. Do this for both the right and left vertical tracks.





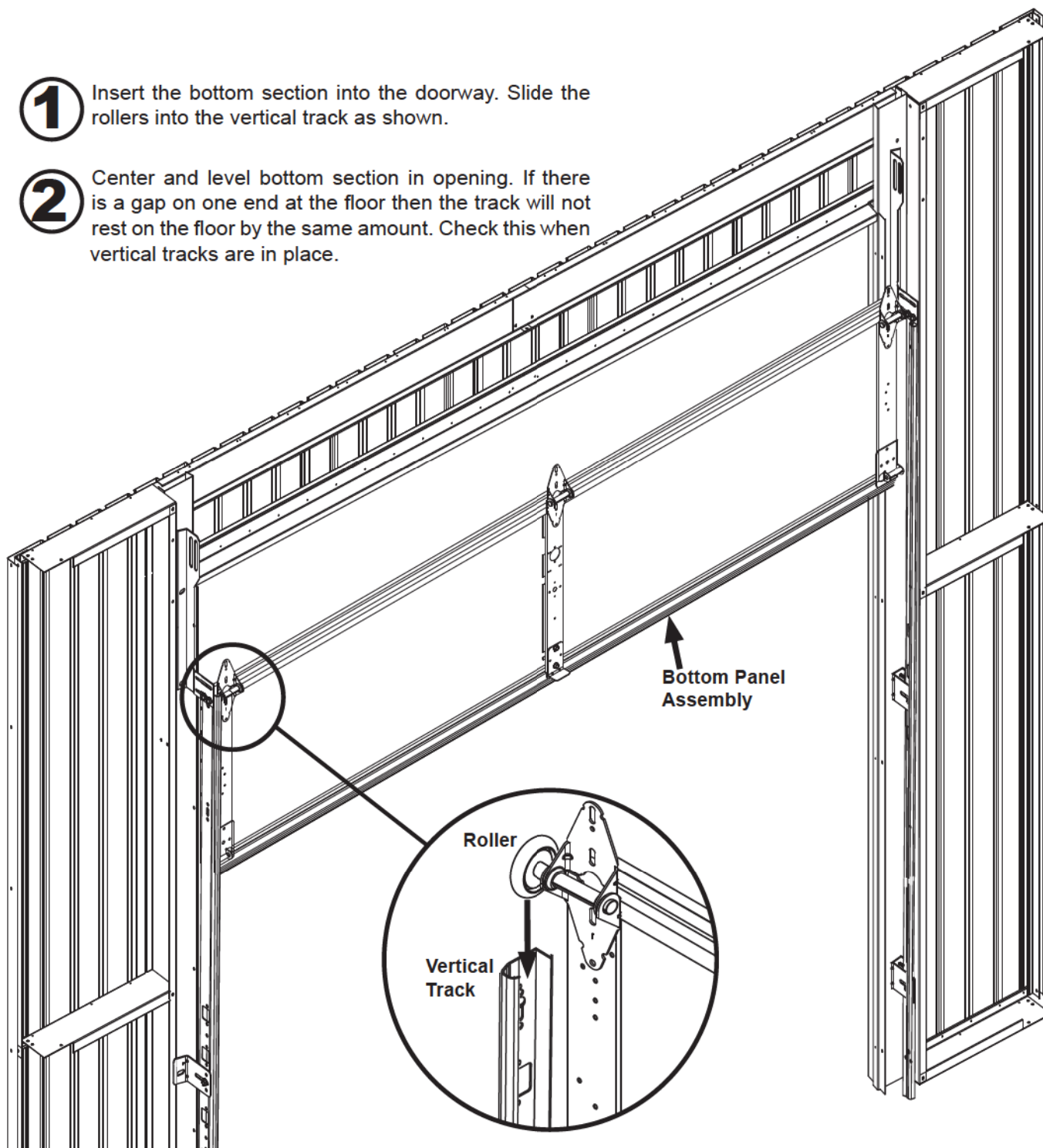
Step 27A: Insert Panels

Assemblies from Step 23:

- Bottom Panel Subassembly

1 Insert the bottom section into the doorway. Slide the rollers into the vertical track as shown.

2 Center and level bottom section in opening. If there is a gap on one end at the floor then the track will not rest on the floor by the same amount. Check this when vertical tracks are in place.





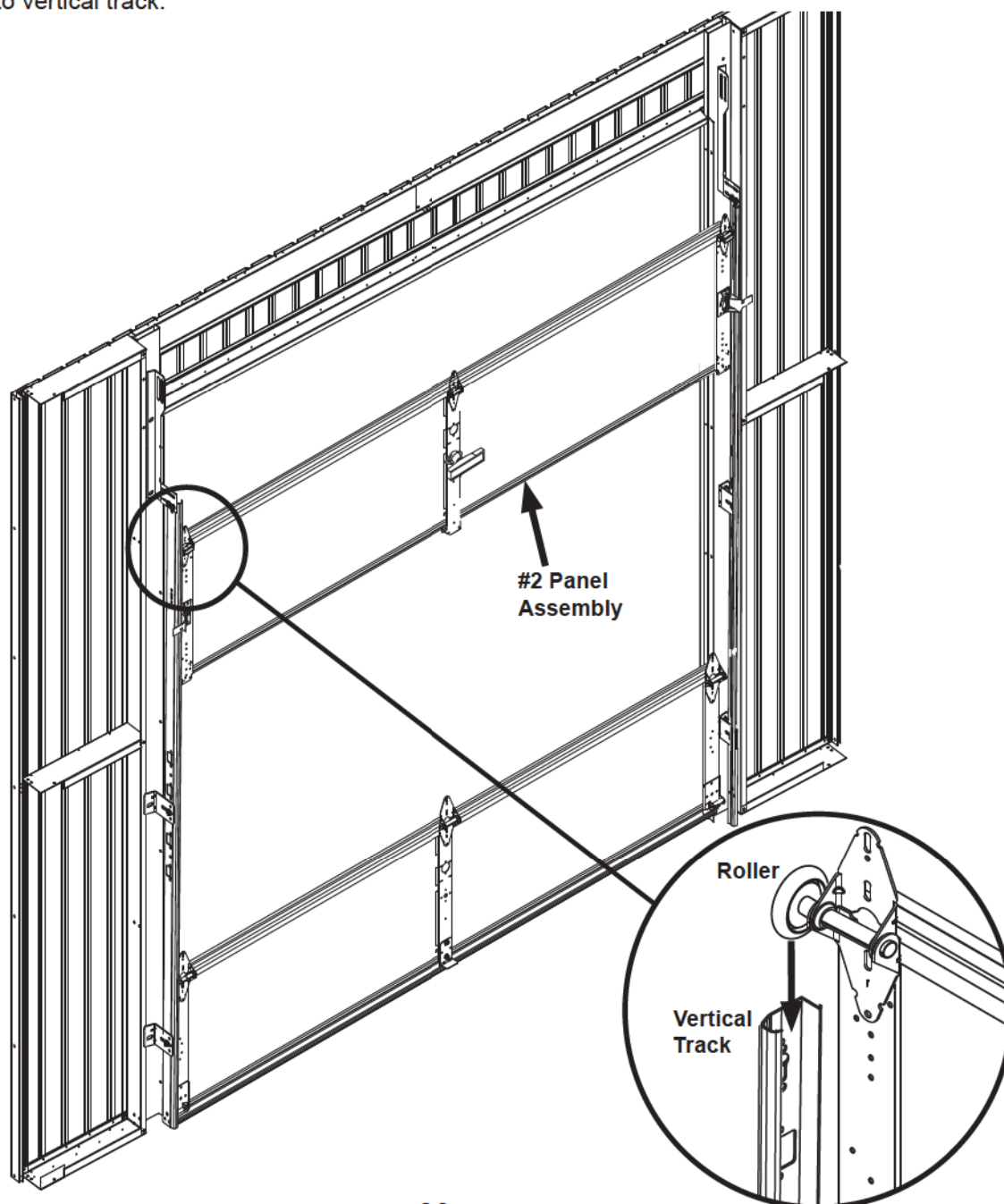
90GW

Step 27B: Insert Panels

Assemblies from Step 24:

- #2 Panel Subassembly

- 3** Stack #2 section (with #2 end hinges) on top of bottom (#1) section while sliding rollers into vertical track.



90





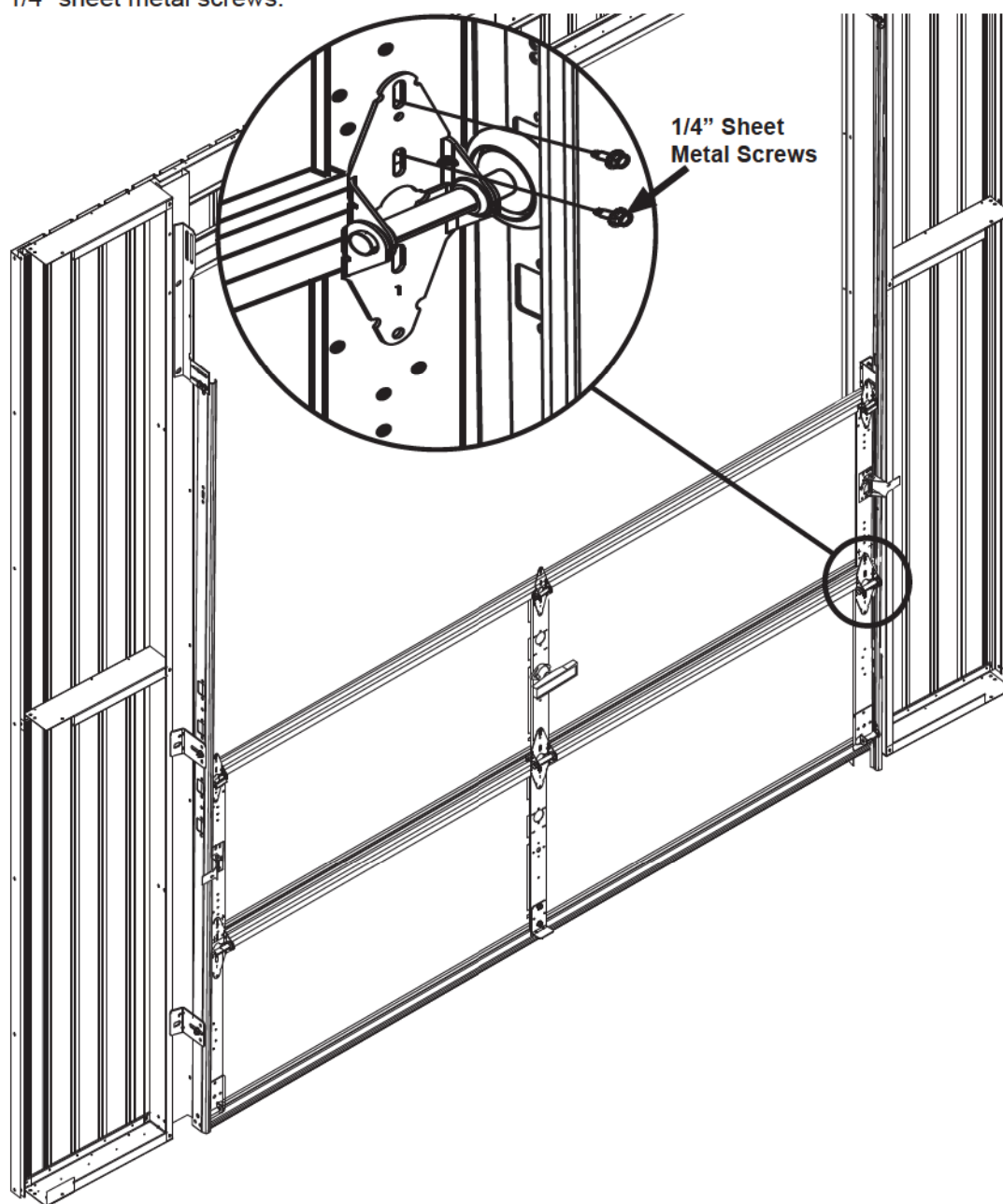
91GW

Step 27C: Insert Panels



1/4" Sheet Metal
Screw

- 4** Attach the #1 end hinges and center hinge to the #2 section with 1/4" sheet metal screws.



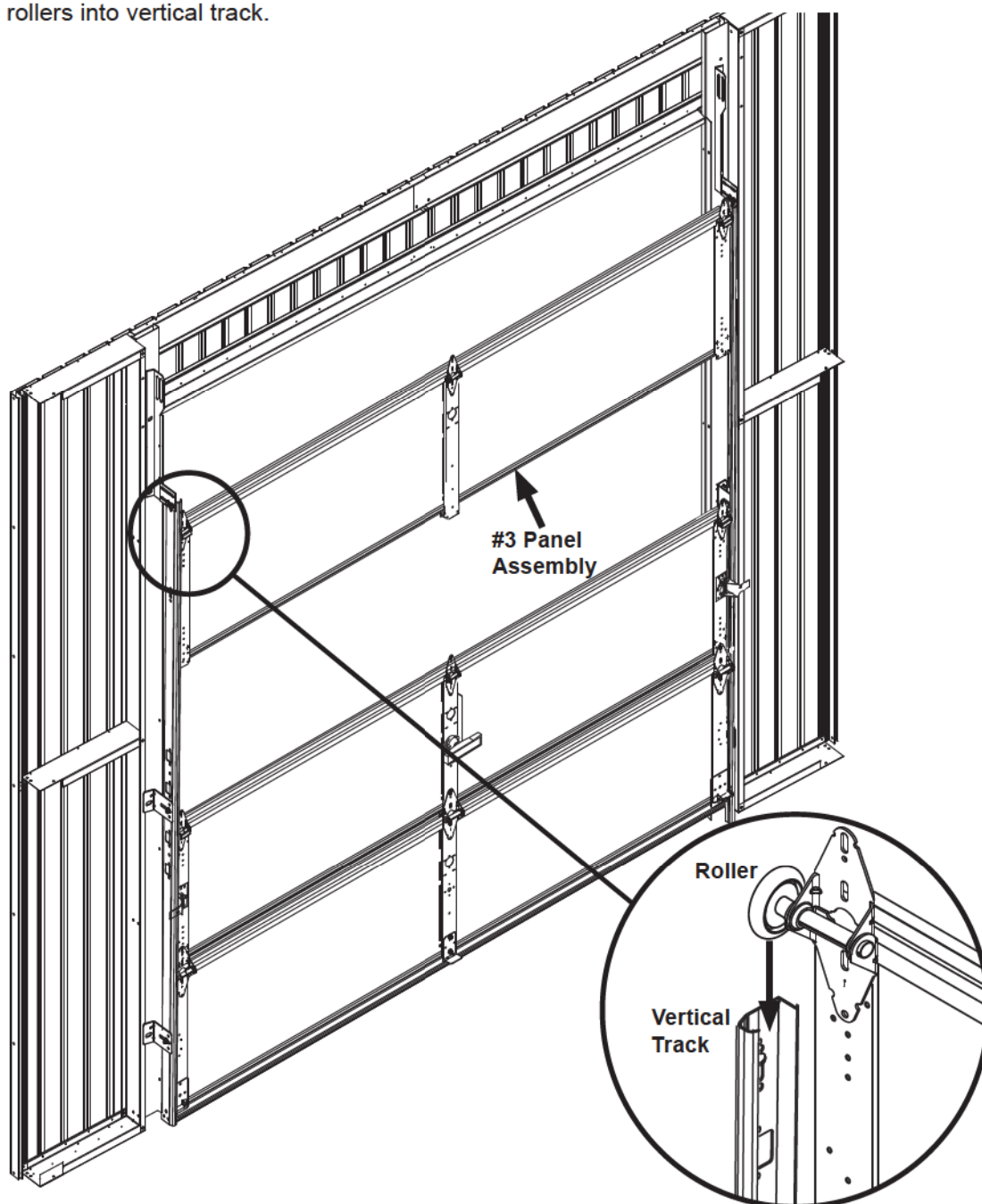


Step 27D: Insert Panels

Assemblies from Step 25:

- #3 Panel Subassembly

- 5** Stack #3 section (with #3 end hinges) on top of #2 section while sliding rollers into vertical track.

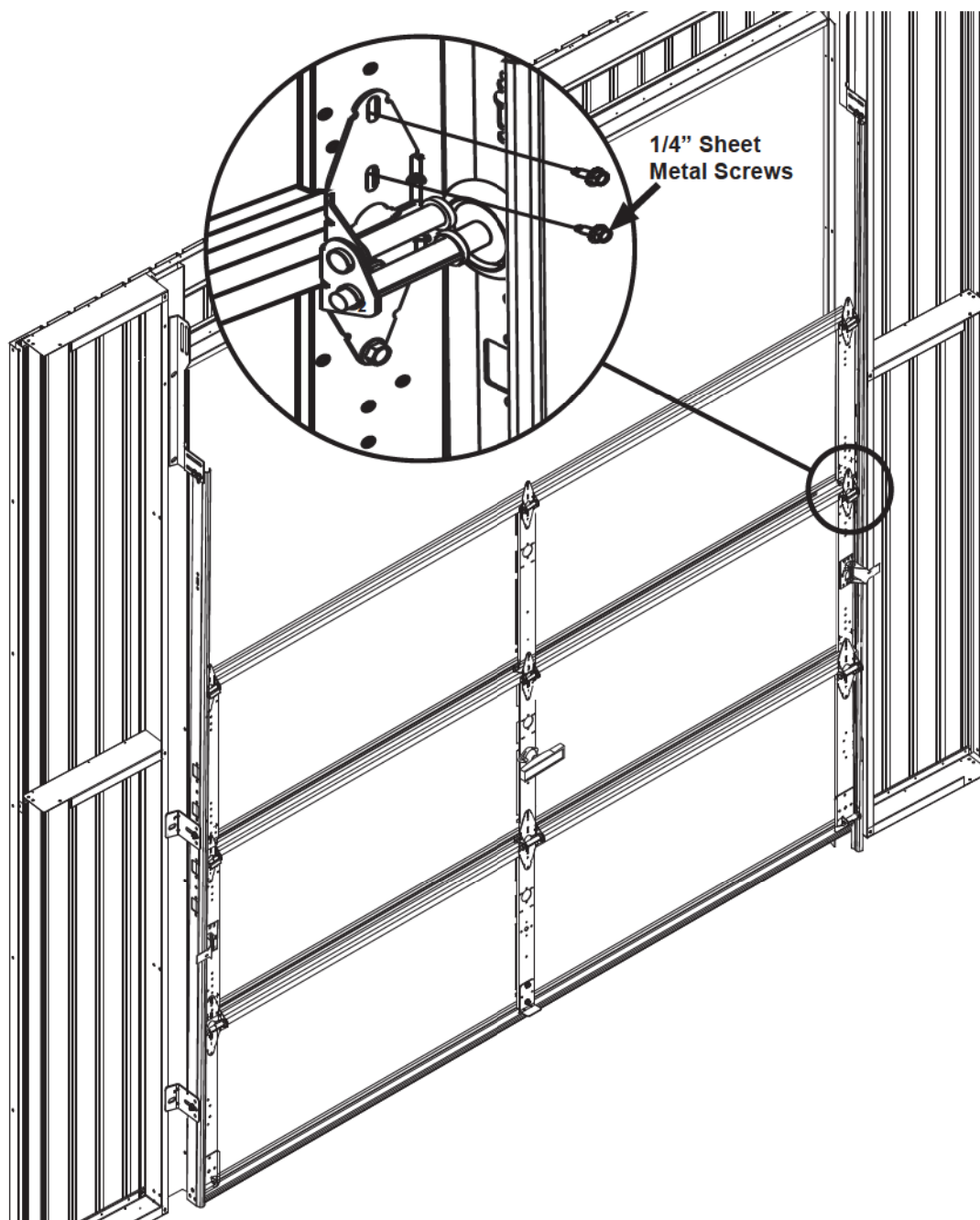




Step 27E: Insert Panels



- 6** Attach the #2 end hinges and center hinge to the #3 section with 1/4" sheet metal screws.



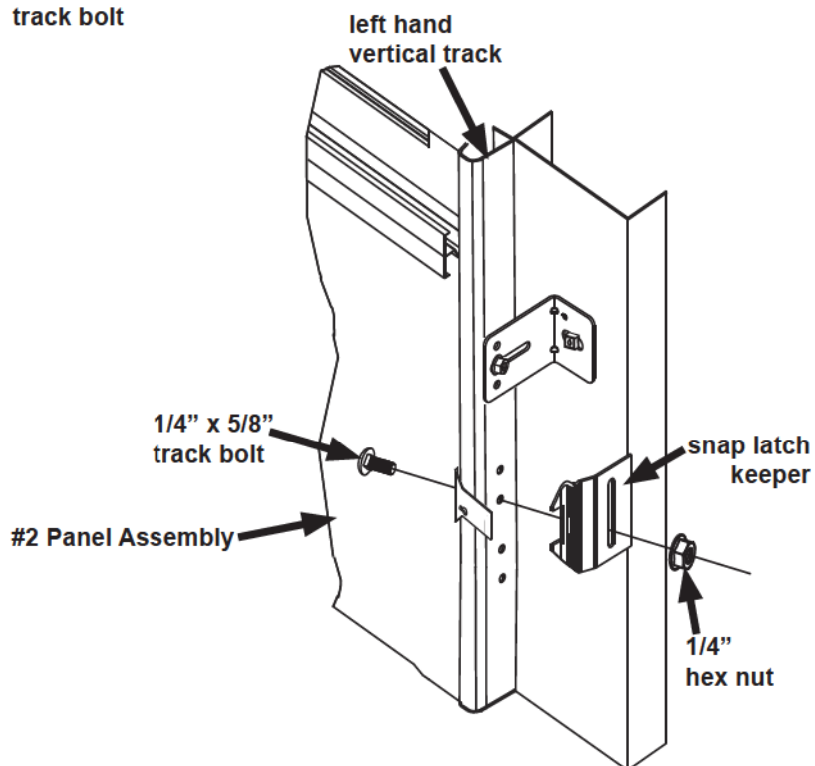
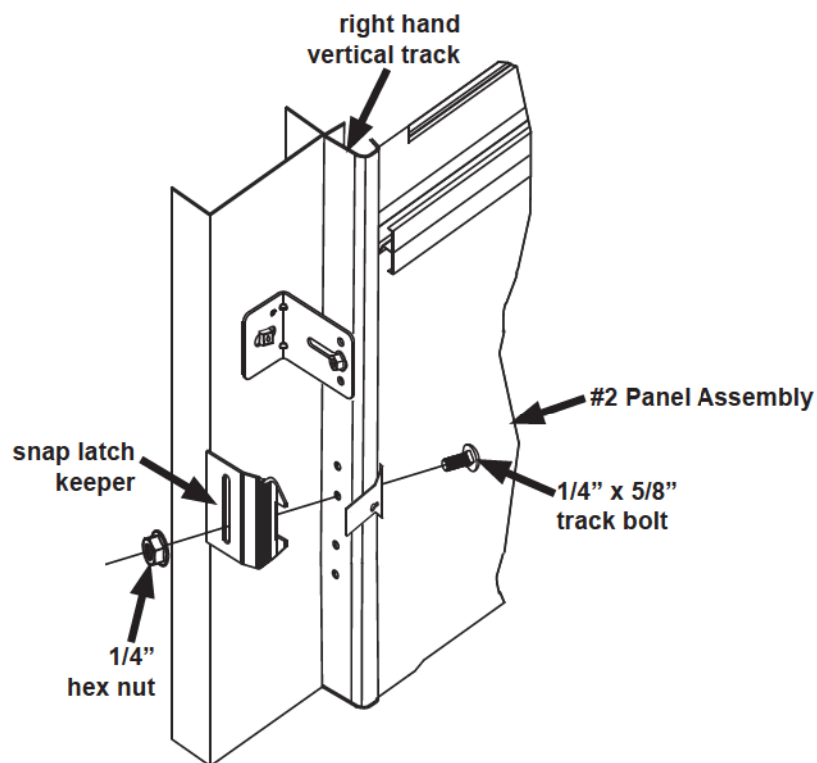


94GW

Step 28: Snap Latch Keeper

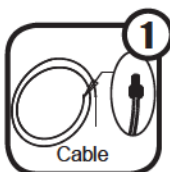


- 1 Attach a snap latch keeper to each vertical track using a bolt and nut.

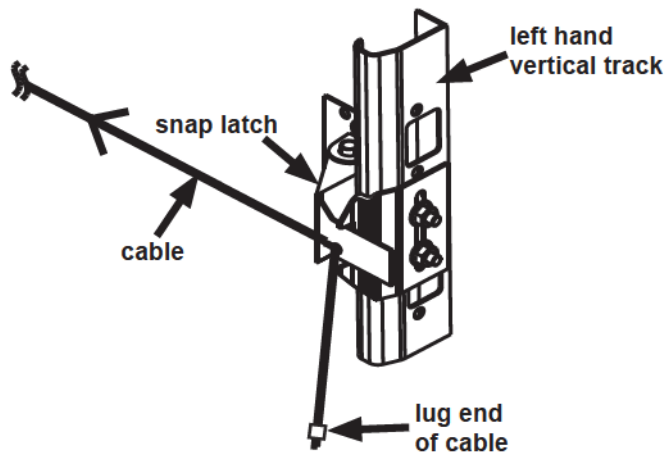




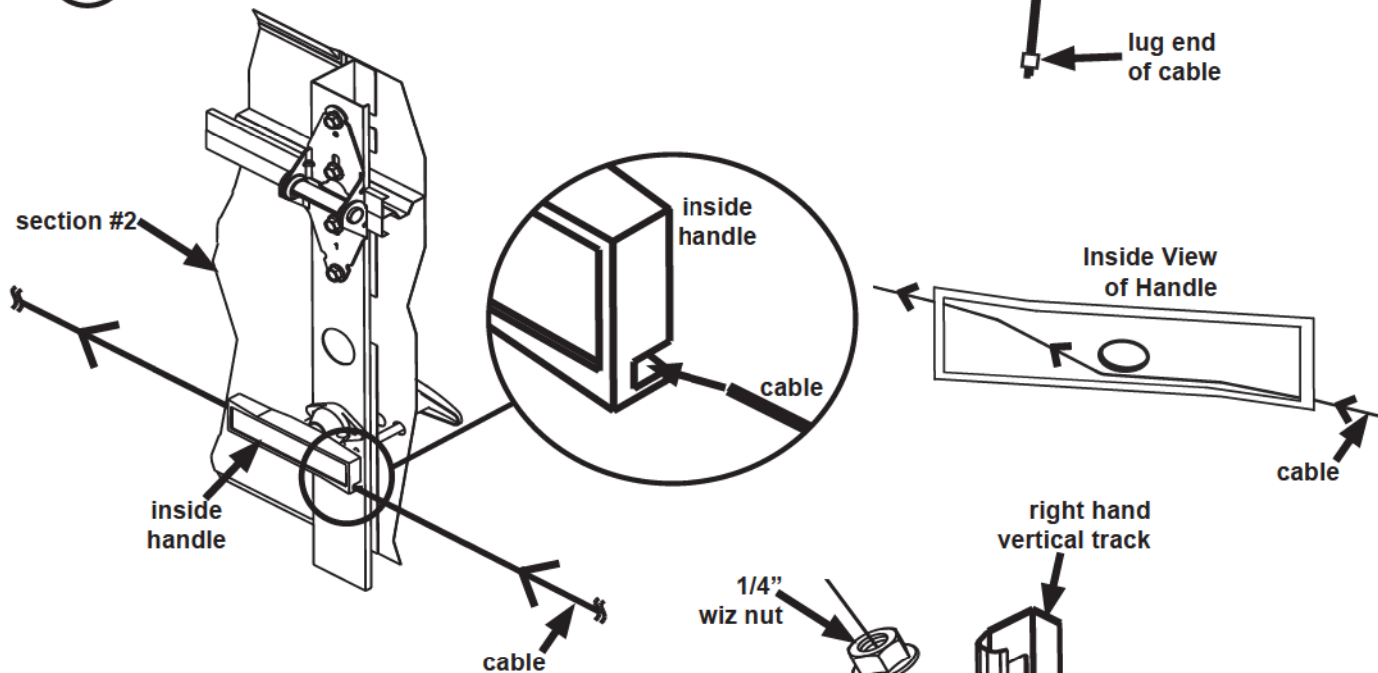
Step 29: Thread Cable



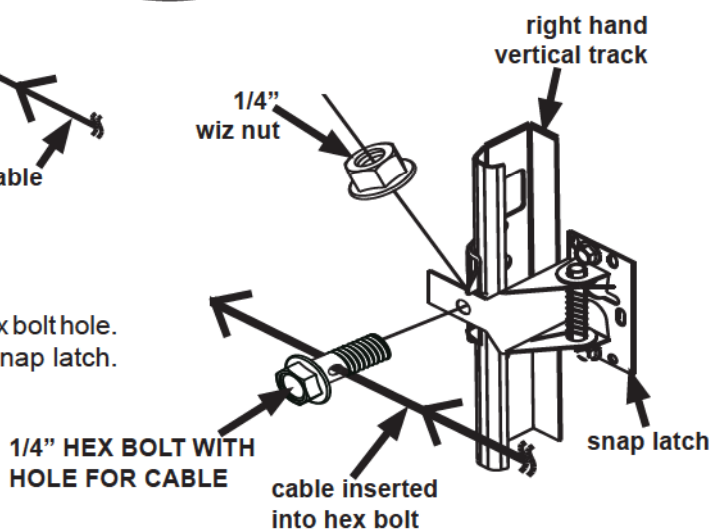
- 1** Insert cable through left snap latch hole. Place a lug on the end of the cable to prevent it from sliding out.



- 2** Feed the cable through the inside handle.



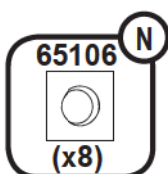
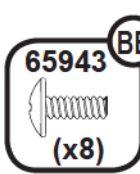
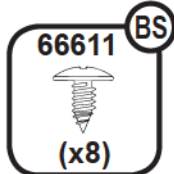
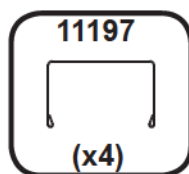
- 3** Thread cable through 1/4" hex bolt hole. Insert the hex bolt into the snap latch. Tighten with 1/4" wiz nut.



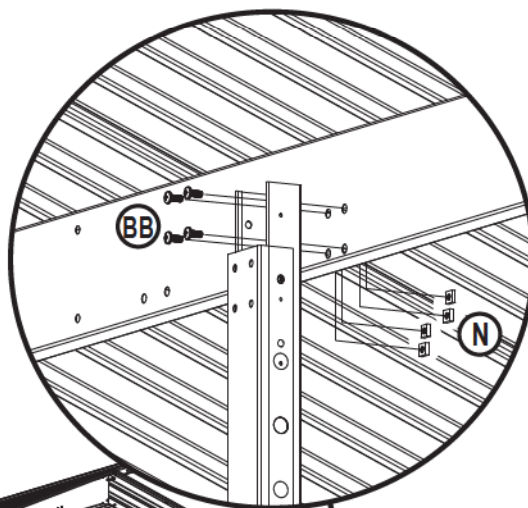
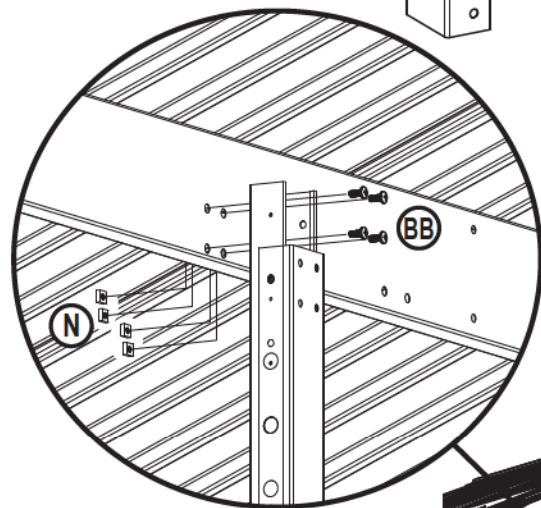
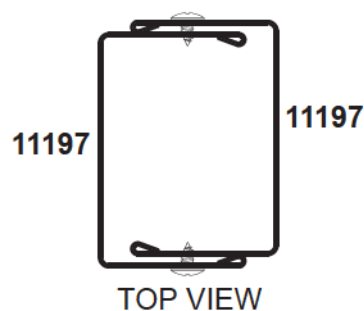
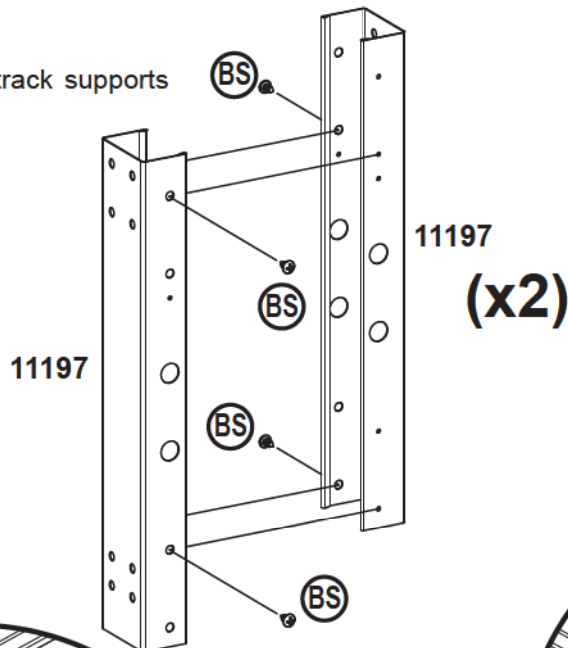


96GW

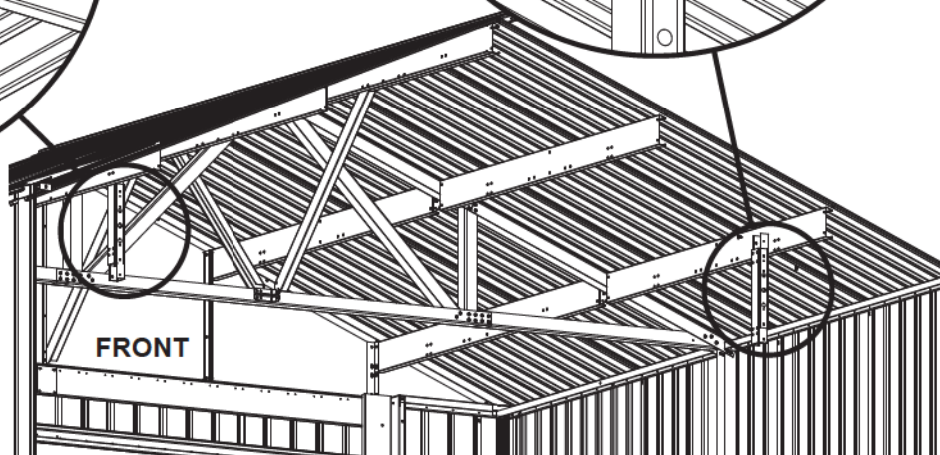
Step 30A: Horizontal Track



- 1** Assemble door track supports using screws.



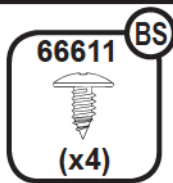
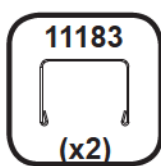
- 2** Attach door track support assembly to roof beam using four bolts and square nuts.



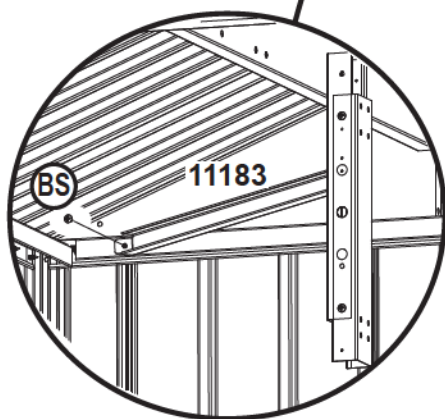
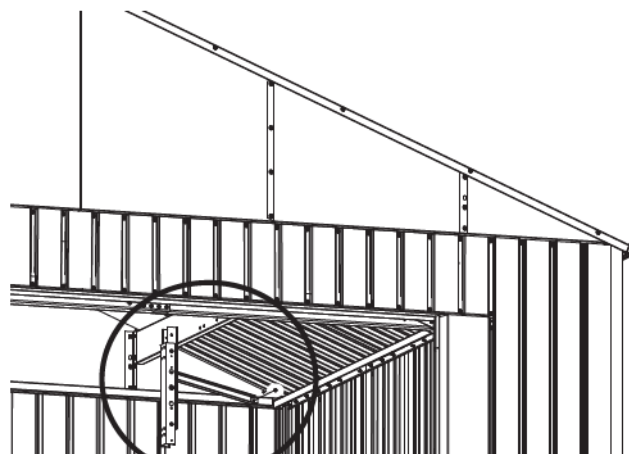
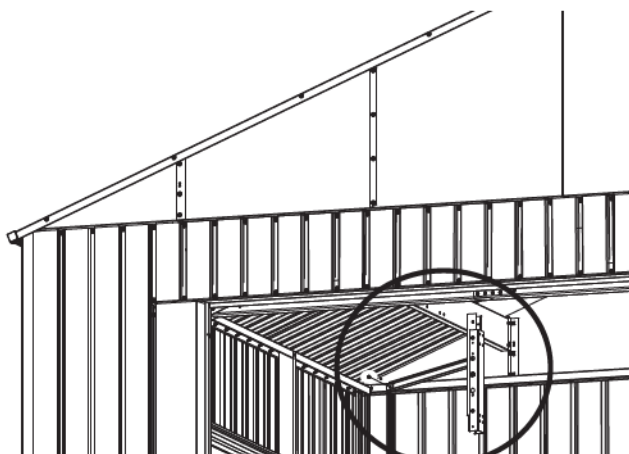
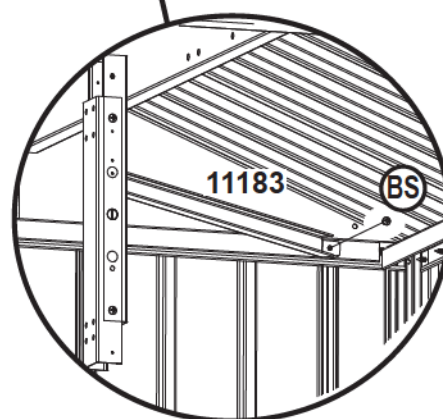


97GW

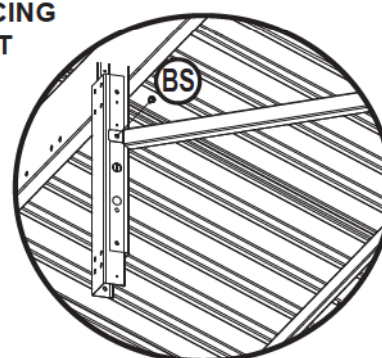
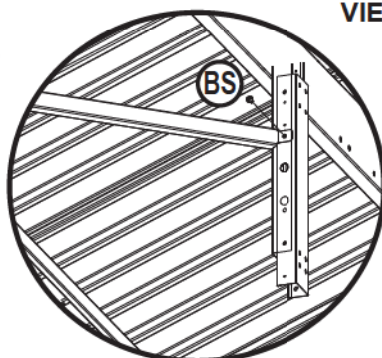
Step 30B: Horizontal Track



- 3** Attach track strut to rear frame using one screw.

12x10**VIEW FACING
REAR**

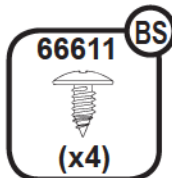
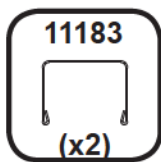
- 4** Attach track strut to door track support assembly using one screw.

**VIEW FACING
FRONT**

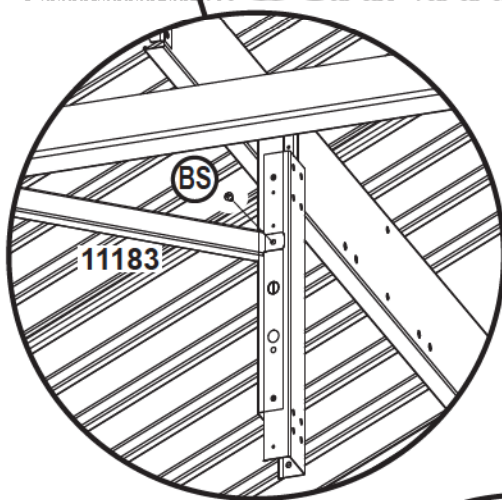
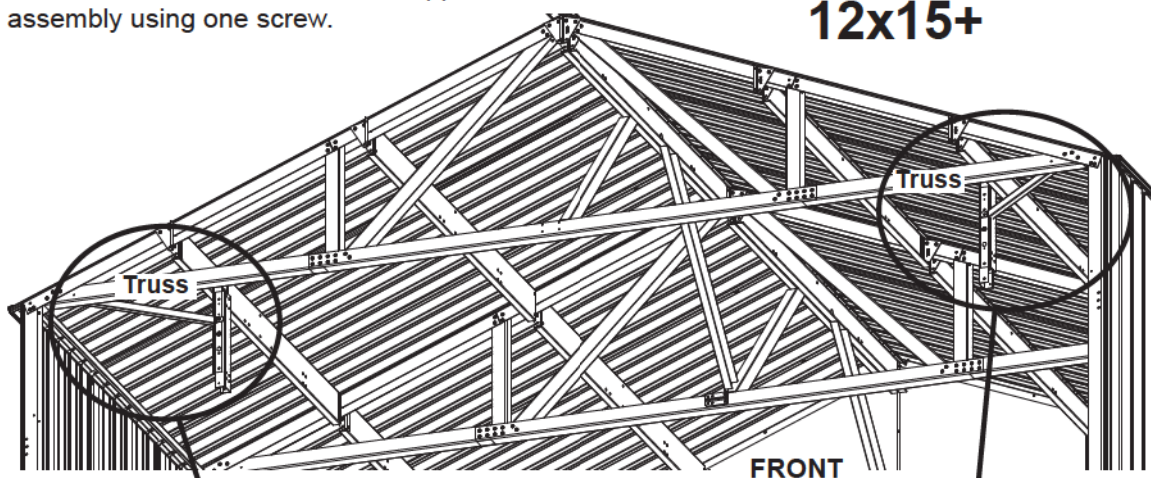


98GW

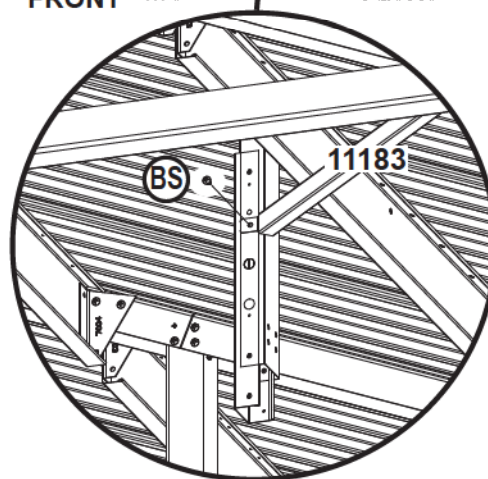
Step 30C: Horizontal Track



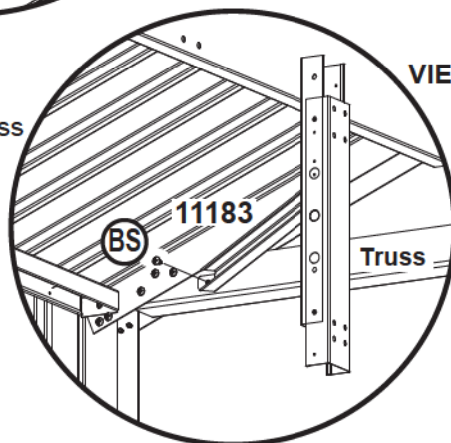
- 5** Attach track strut to door track support assembly using one screw.



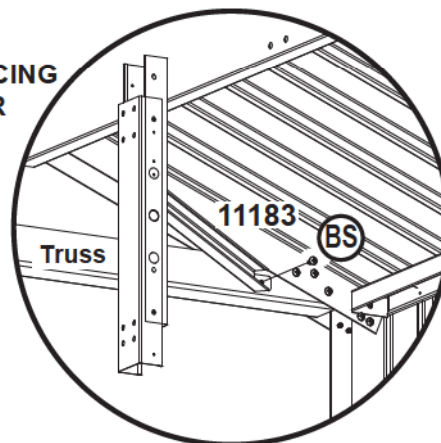
VIEW FACING
FRONT



- 6** Attach track strut to truss using one screw.



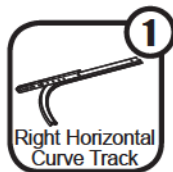
VIEW FACING
REAR





99GW

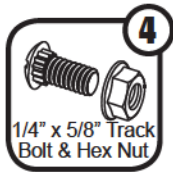
Step 30D: Horizontal Track



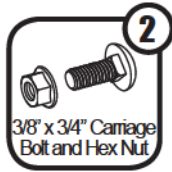
Right Horizontal Curve Track



Left Horizontal Curve Track



1/4" x 5/8" Track Bolt & Hex Nut

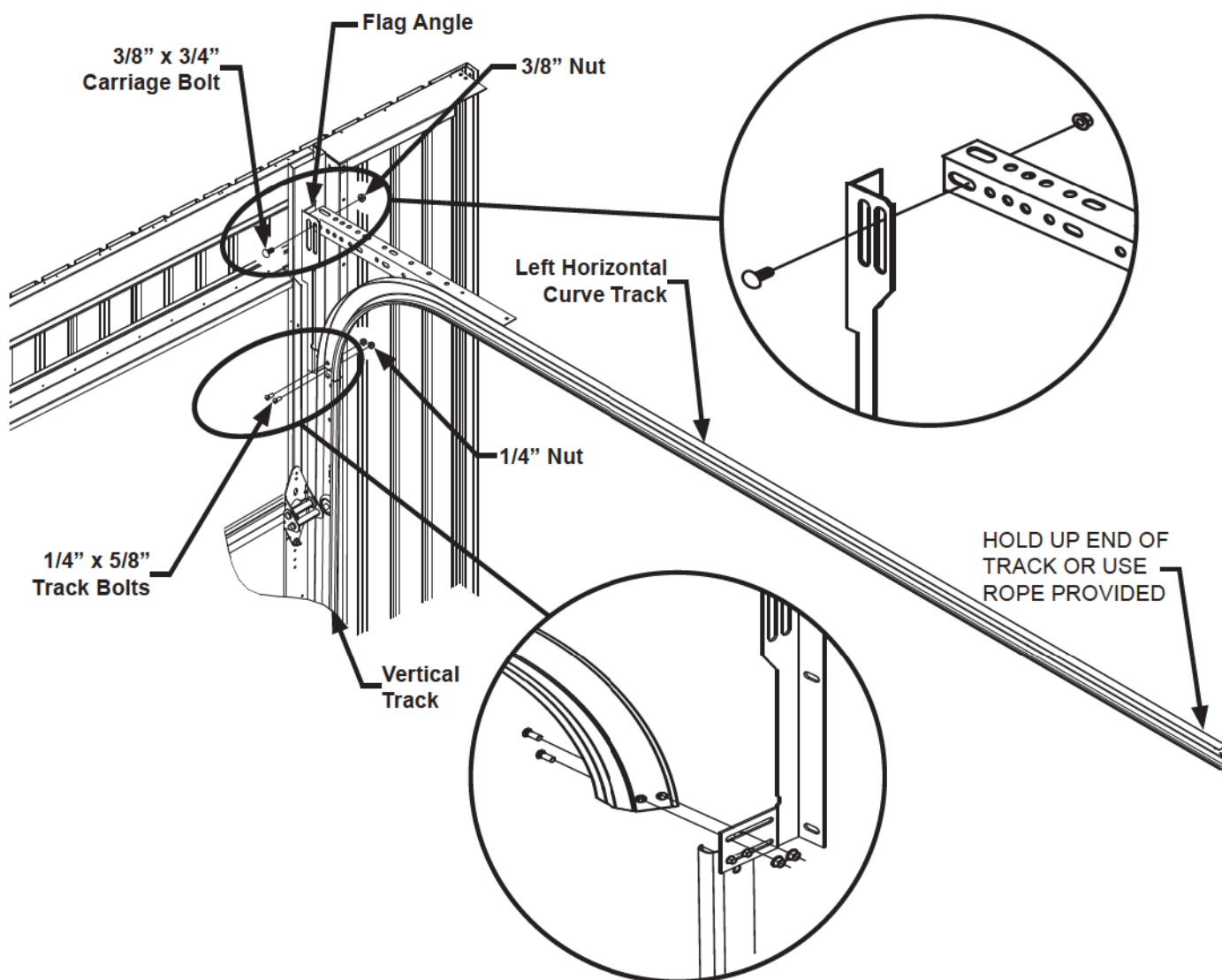


3/8" x 3/4" Carriage Bolt and Hex Nut

- 7** Have another person hold the end of the left horizontal curve track. Fasten the front of the track to flag angle with (2) 1/4" x 5/8" track bolts and nuts. Always place heads of bolts to inside of the track. This will prevent rollers from striking bolts.

- 8** Fasten angle (attached to horizontal curve track) to flag angle with 3/8" x 3/4" carriage bolt and nut. Always place heads of bolts on same side as the door sections. This will prevent door from striking bolts.

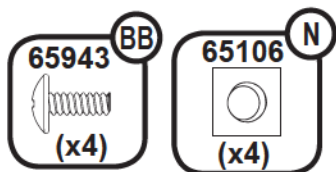
- 9** Repeat for right horizontal curve track.





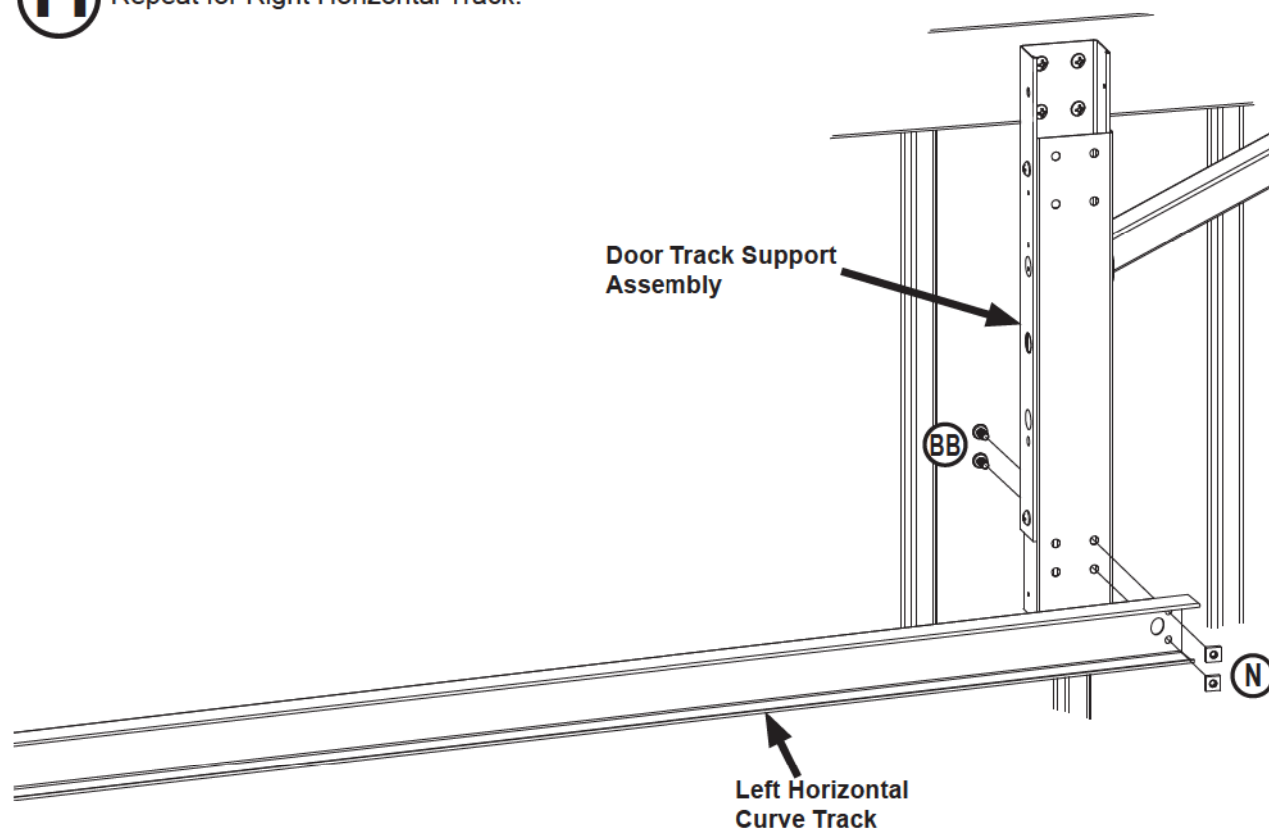
Step 30E: Horizontal Track

100GW



- 10** Attach the end of the Left Horizontal Curve Track to the Door Track Support Assembly using bolts and nuts as shown.

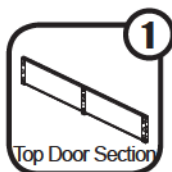
- 11** Repeat for Right Horizontal Track.





101GW

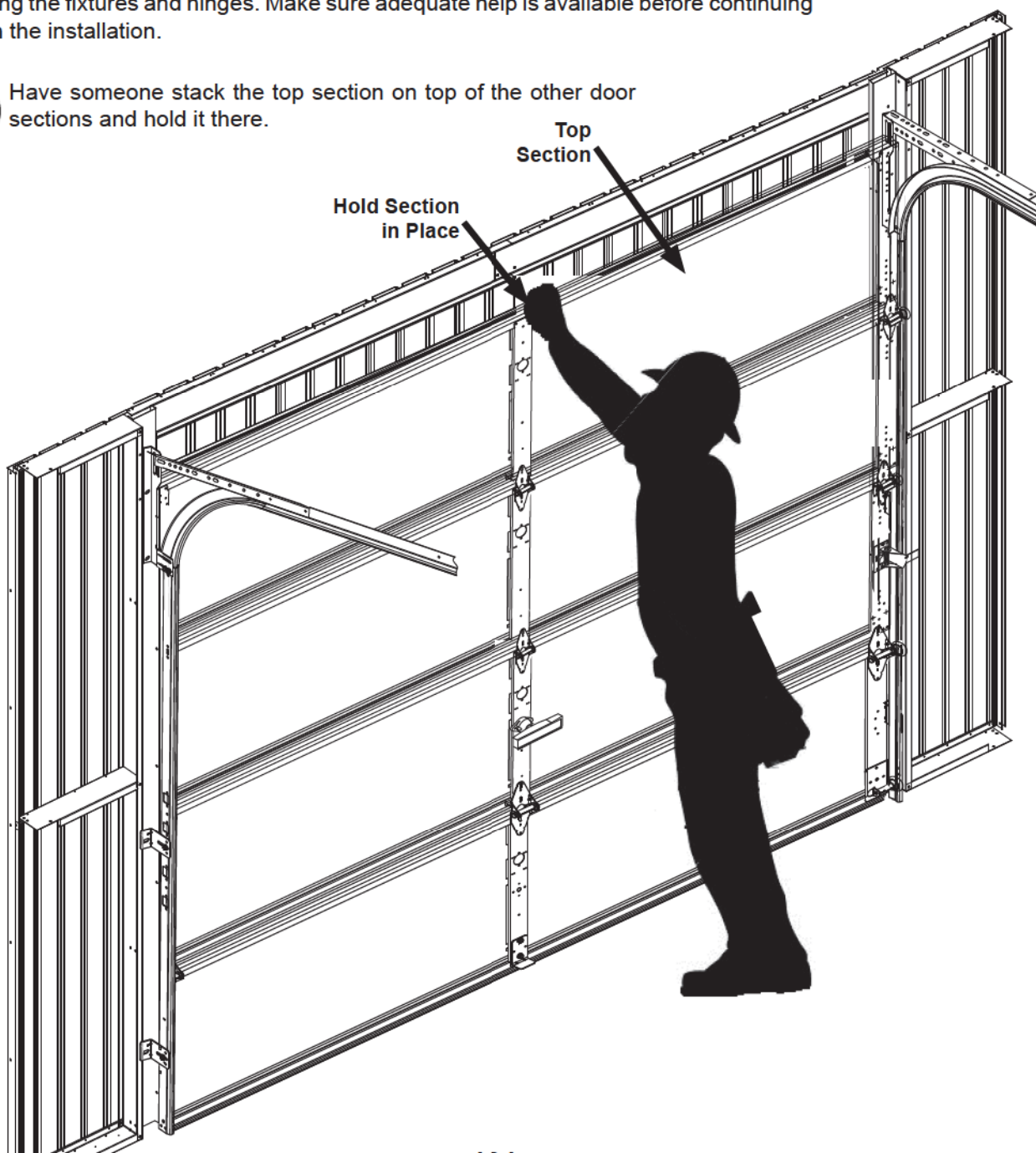
Step 31A: Insert Top Panel



Top Door Section

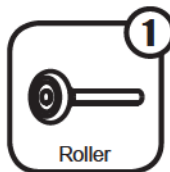
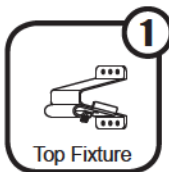
Assembling the top door panel will require another person holding the door section while attaching the fixtures and hinges. Make sure adequate help is available before continuing on with the installation.

- 1** Have someone stack the top section on top of the other door sections and hold it there.

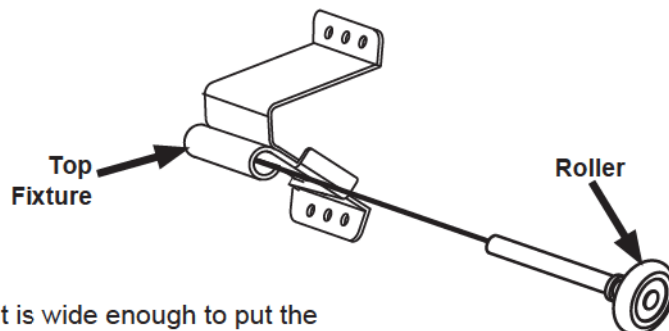




Step 31B: Insert Top Panel

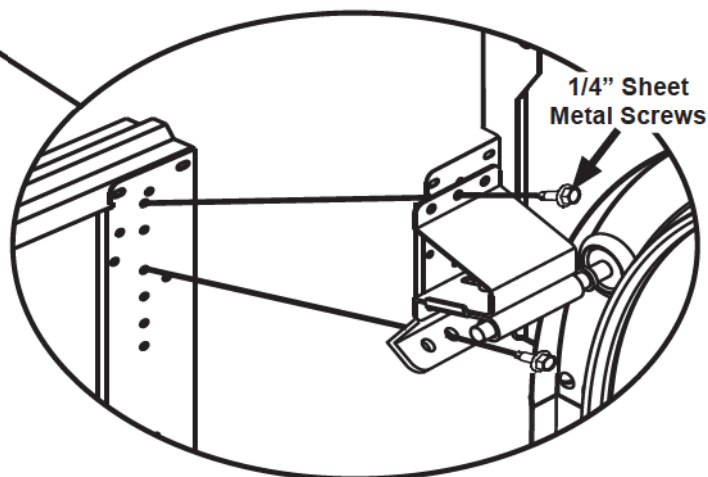
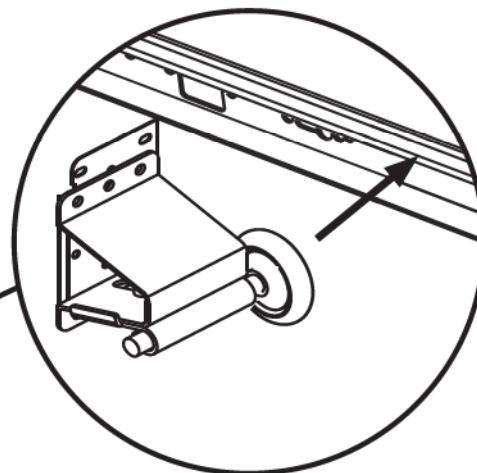
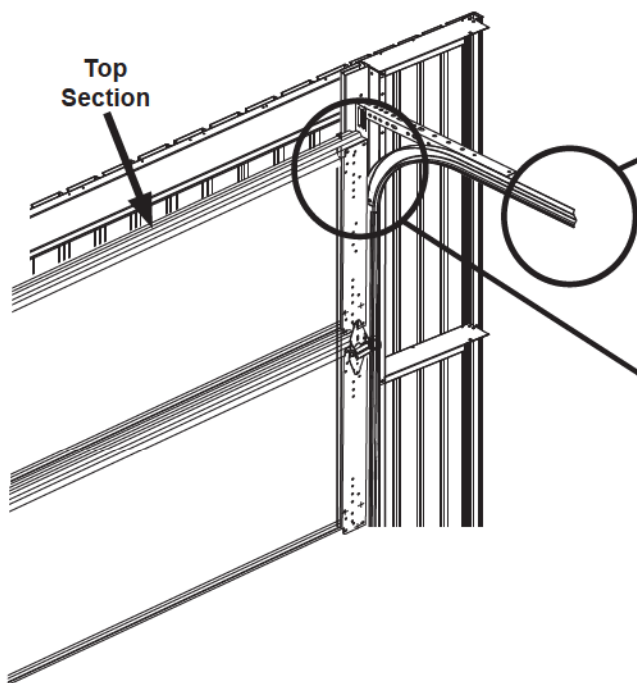


- 2** Place a roller inside of a top fixture.



- 3** Slide the roller into the horizontal track where it is wide enough to put the roller as shown. You may have to angle it in.

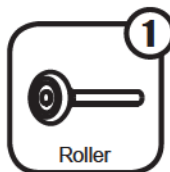
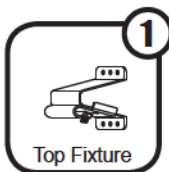
- 4** Slide the roller through the track so it lines up with the top track. Attach the top fixture to the top section using 1/4" sheet metal screws.



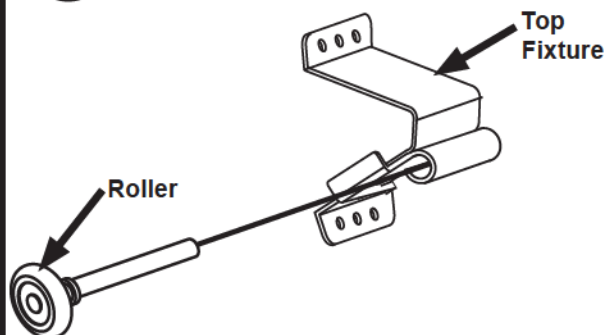


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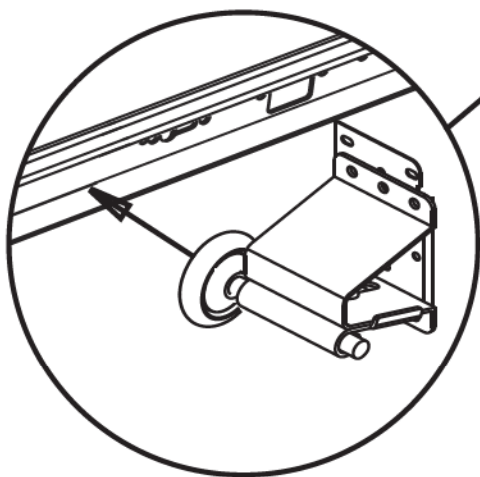
Step 31C: Insert Top Panel



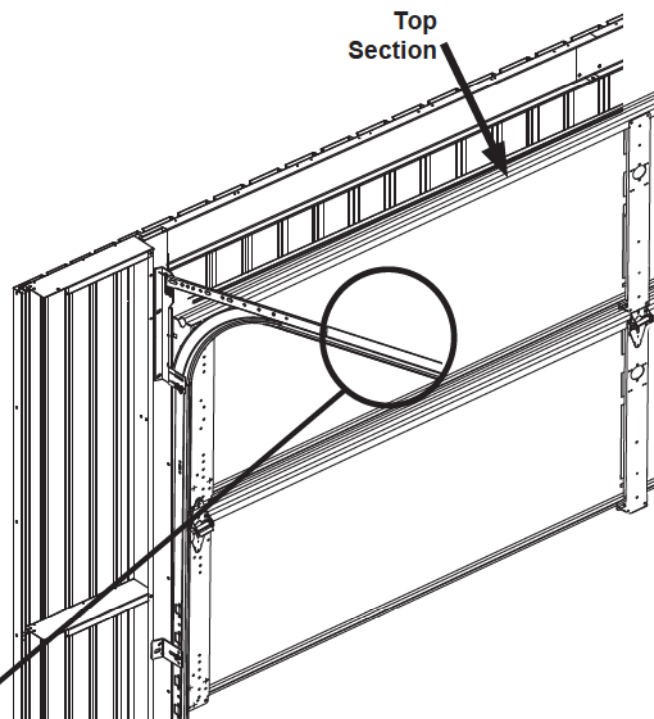
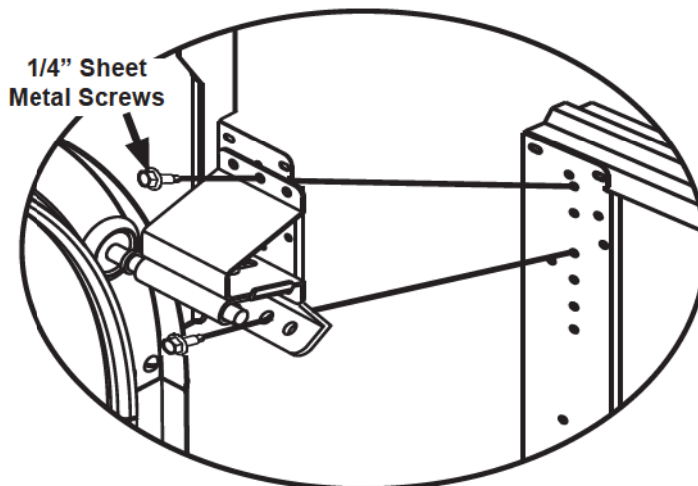
- 5** Place another roller into the other top fixture.



- 6** Slide the roller into the horizontal track where it is wide enough to put the roller as shown. You may have to angle it in.



- 7** Slide the roller through the track so it lines up with the top track. Attach the top fixture to the top section using 1/4" sheet metal screws.



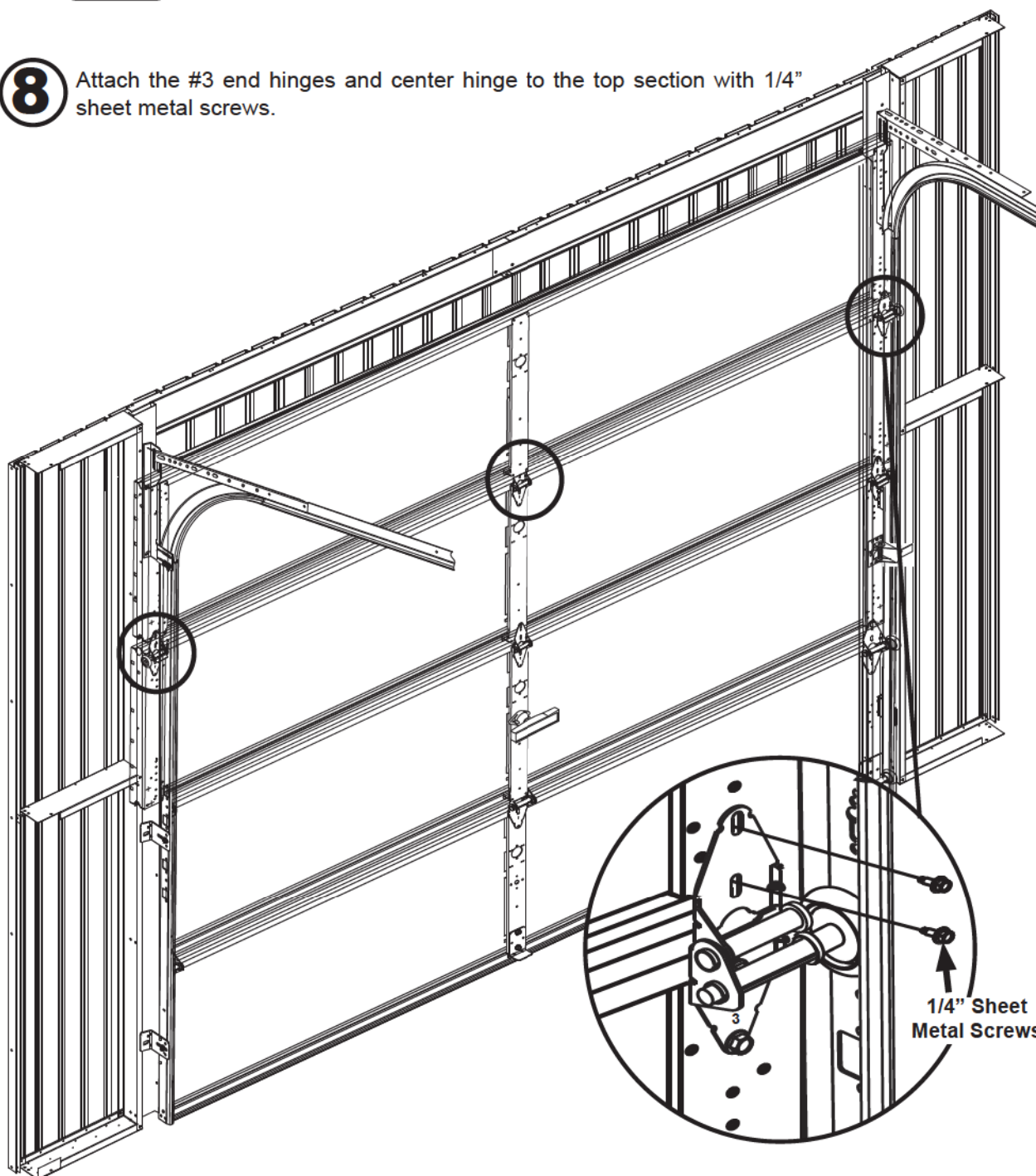


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Step 31D: Insert Top Panel



- 8** Attach the #3 end hinges and center hinge to the top section with 1/4" sheet metal screws.





Spring Assembly Preparation

Check all spring assembly instructions and parts.

Warning! If there appears to be any parts missing stop here and contact your Arrow Customer Service immediately. Do not substitute parts.

Warning! Do not remove any factory applied spring tag or warning label! If any tags or labels are missing or unreadable, contact your Arrow Customer Service immediately.

Warning! Never place your fingers in or near section joints while the door is moving.

Take time to study the parts and identify them.

Extension Springs: Extension springs mount alongside the horizontal track. They stretch as the door is closed and contract as the door opens. This type of spring is always used in pairs, one on each side of the door. Both springs are the same, it will not matter which one you assemble first.

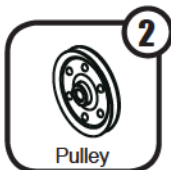
Safety Cable: Extension springs can cause severe damage, personal injury or even death if they are not properly restrained. In the event of a spring failure the safety cable will prevent the spring from being propelled away from the door.





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Step 32A: Extension Spring Assembly

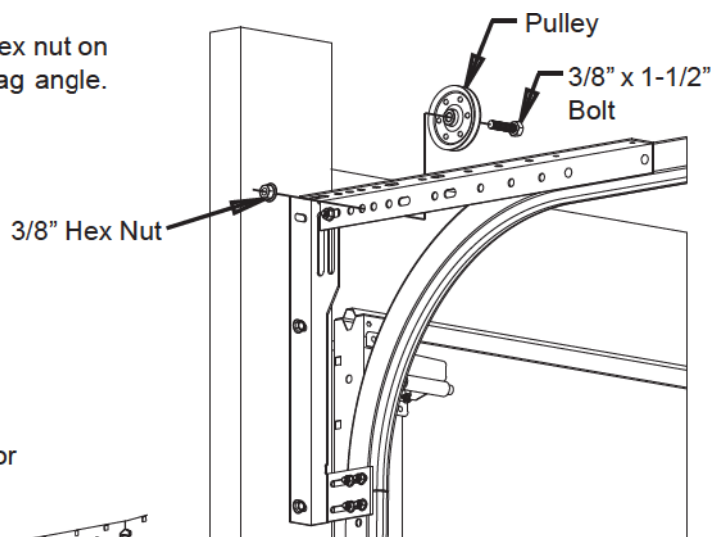


Pulley

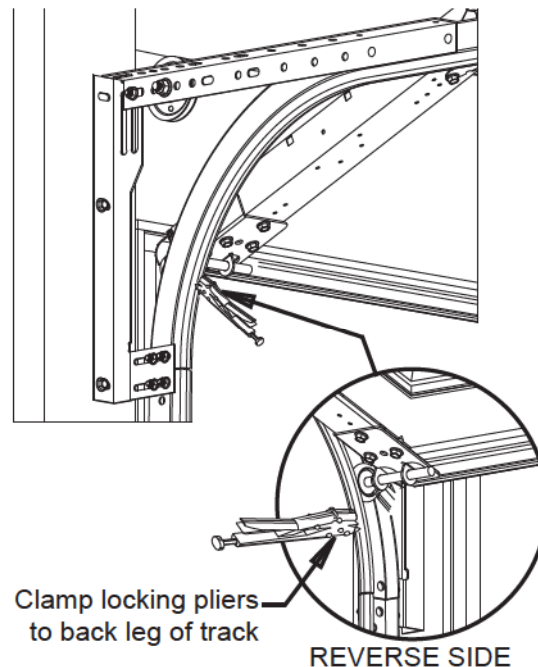
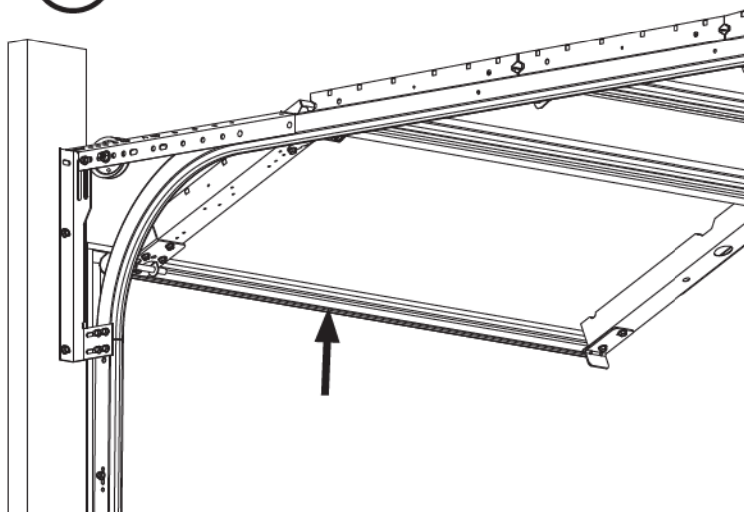


3/8" x 1-1/2" Bolt and Hex Nut

- 1** Attach pulley with a 3/8" x 1-1/2" bolt and hex nut on angle which attaches horizontal track to flag angle. Repeat this step for opposite side of door.



- 2** With a minimum of two people, raise door to fully open position.

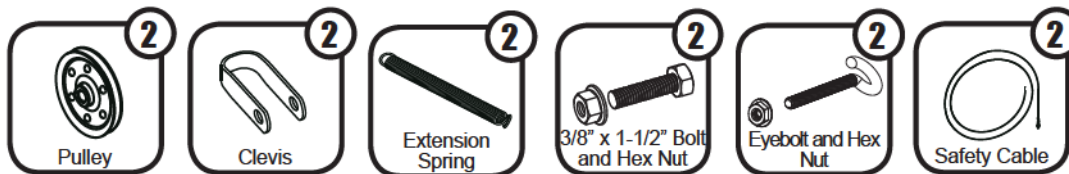


- 3** Secure the door firmly at both sides with locking piers. Connected to the track as shown.

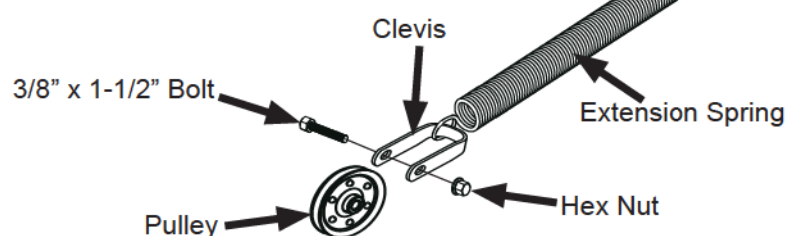




Step 32B: Extension Spring Assembly



- 4** Assemble spring as shown. Bolt a clevis and pulley on one end

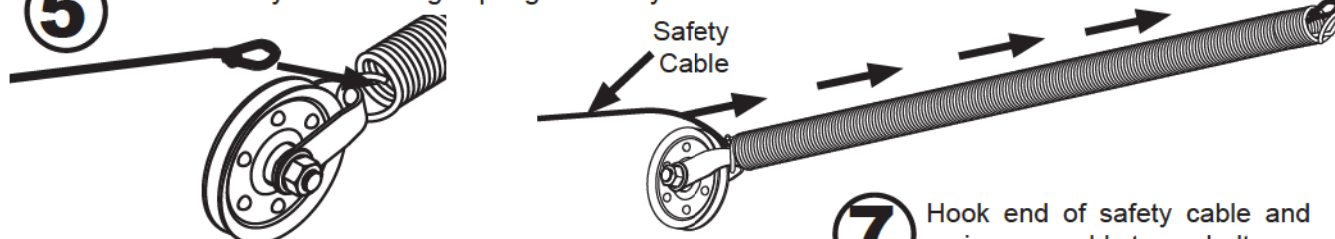


Warning! Extension springs can cause severe damage, personal injury or even death if they are not properly restrained. In the event of a spring failure the safety cable will prevent the spring from being propelled away from the door.

Both springs are the same, it will not matter which one you assemble first.

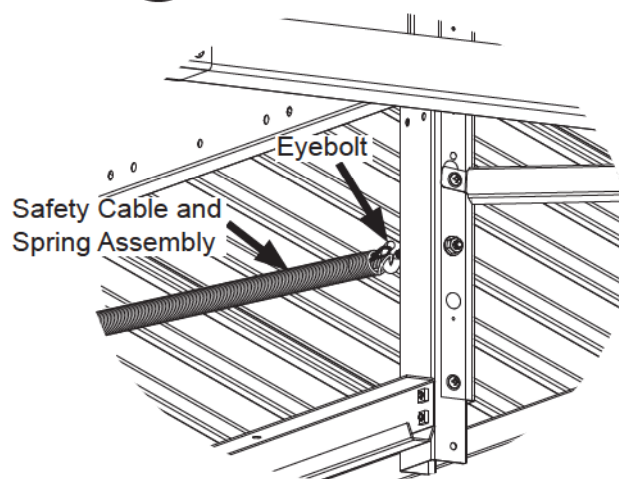
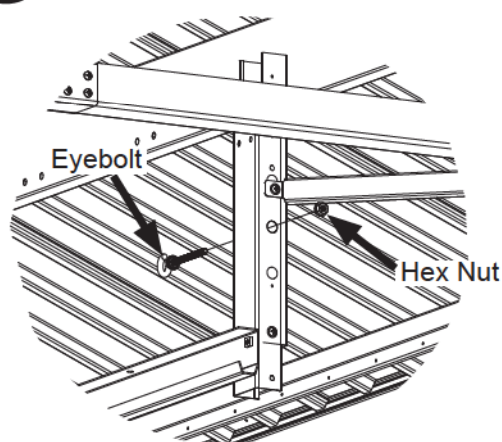
The spring cable is thicker than the safety cable. Be sure to use the correct cable for the appropriate step.

- 5** Thread safety cable through spring assembly.



- 7** Hook end of safety cable and spring assembly to eyebolts.

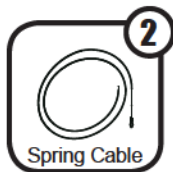
- 6** Attach eyebolts to both door track support assemblies.





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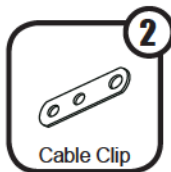
Step 32C: Extension Spring Assembly



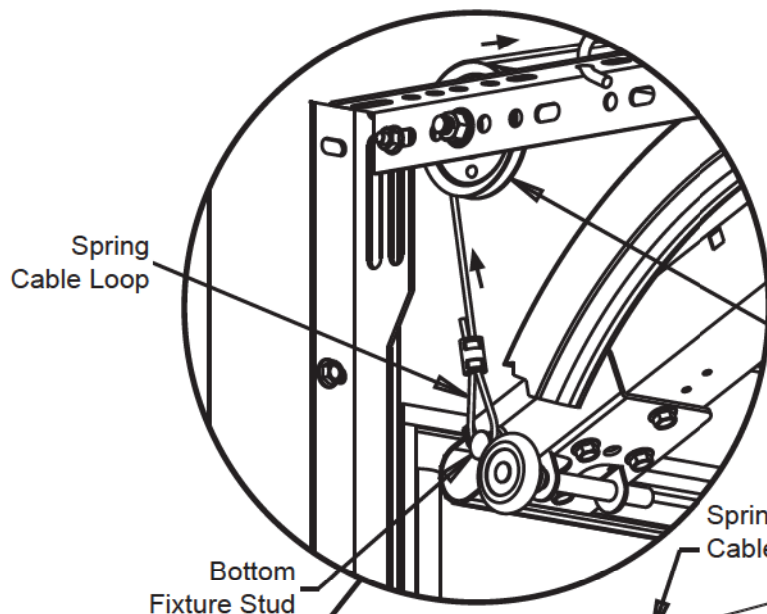
Spring Cable



S Hook



Cable Clip



Spring Cable Loop

Pulley

Bottom Fixture Stud

8

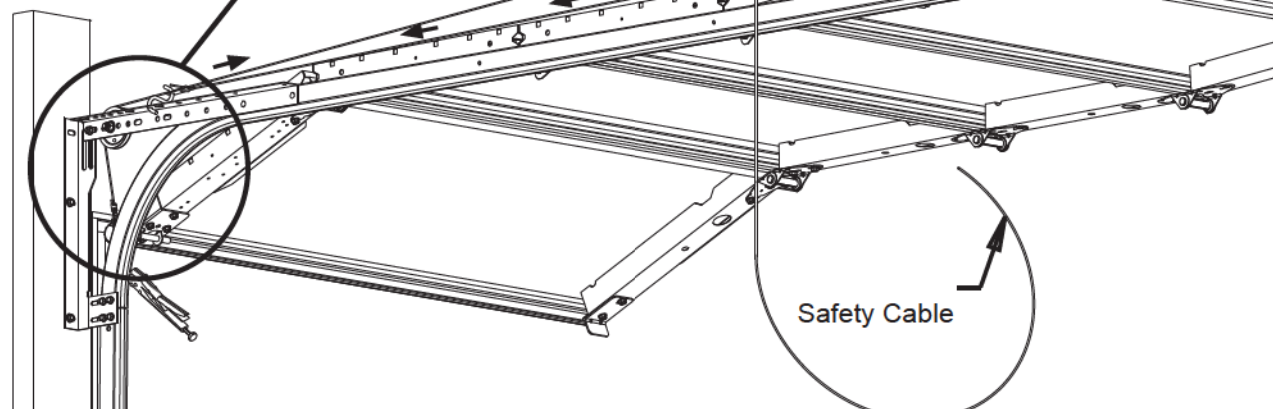
Attach spring cable loop to bottom fixture stud and thread spring cable over pulley.

9

Thread spring cable around spring pulley.

Spring Pulley

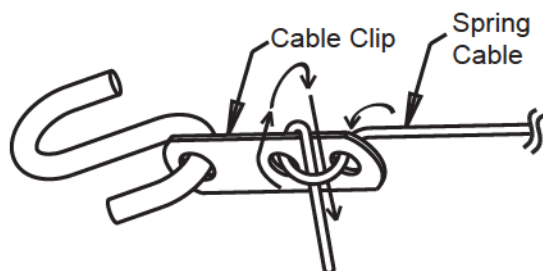
Spring Cable



Safety Cable

10

Tie a cable clip to the spring cable and connect it to an S-hook.

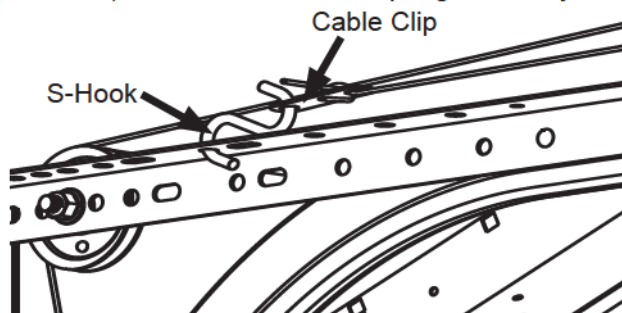


Cable Clip

Spring Cable

11

Stretch spring 2"-3" and clip the S-hook to a hole in the horizontal angle. This is referred to as initial stretch and may need adjustment (see end of extension spring assembly details).



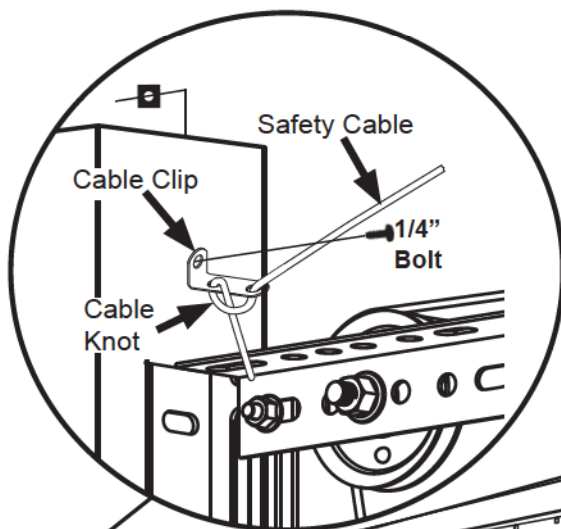
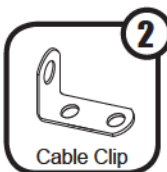
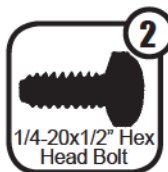
Cable Clip

S-Hook

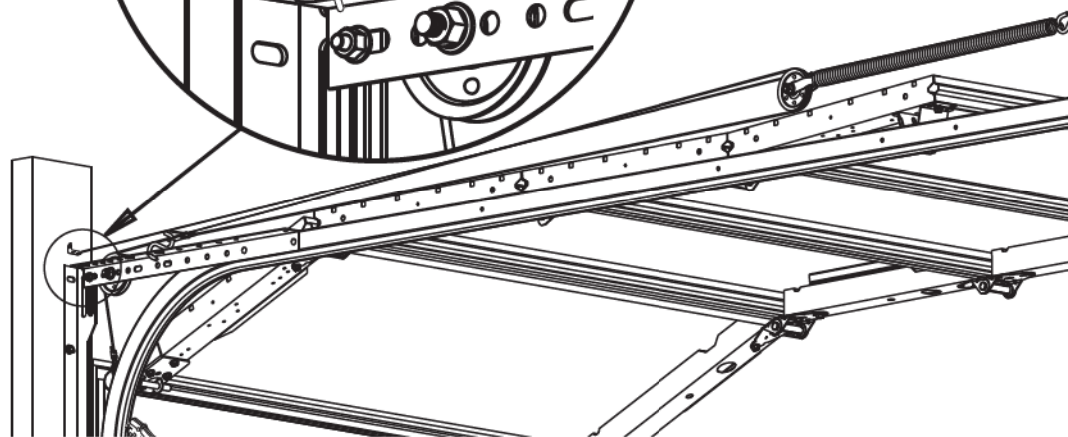




Step 32D: Extension Spring Assembly

**12**

Attach cable clip to track support using bolt and nut. Tie the safety cable securely to the cable clip as shown.



Repeat steps 4 through 12 for the other spring.

Lowering the door and spring adjustment.

Warning! Until all adjustments are completed, always assume you will have to physically support the full weight of the door. Make sure adequate help is available.

Warning! Never place your fingers in or near section joints while the door is moving.

Warning! All spring component parts whether part of the spring assembly, attached to the door, or attached to the wall are now under tension and are extremely dangerous.

Warning! Spring adjustments from this point onward must be performed in accordance with all warnings and directions as previously stated.

Warning! Spring adjustments can only be performed when door is in fully open position and door restraints are applied to tracks.

With one person holding door in the fully open position, carefully remove locking pliers.

Slowly lower door, testing the balance of the springs. If door does not lift off of the floor by itself, or does not roll back to the floor when not supported, it is properly counterbalanced.

If door lifts off of floor by itself, the springs are too strong and the initial stretch must be reduced.

If door rolls back to floor, the springs are too weak and the initial stretch must be increased.

Finalize the track adjustments

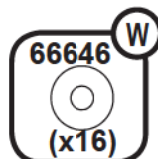
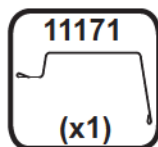
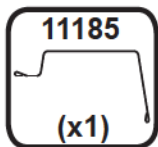
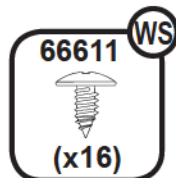
Operate door through one full cycle. Check door stops and top fixture for proper seal. If door is not functioning correctly, check for binding against jamb, header or tracks.



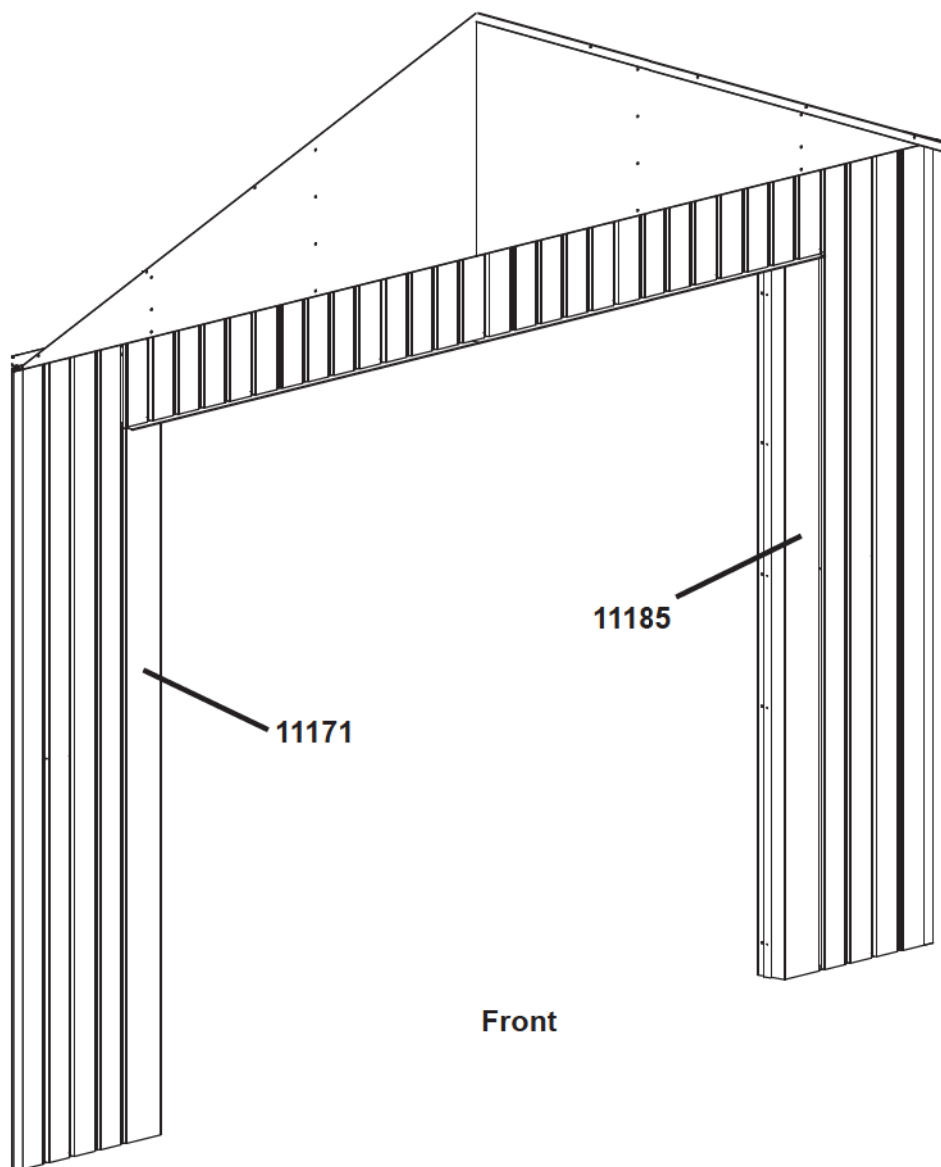


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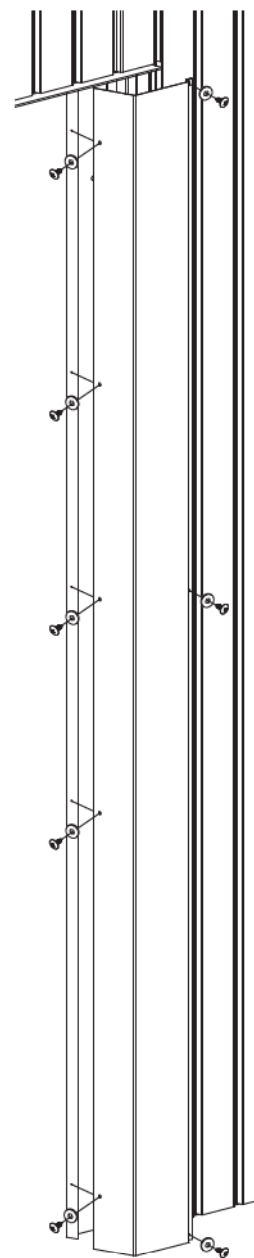
Step 33



NOTE Painted fasteners are to be used on painted parts only.
Make sure painted fasteners match wall color.



Front



IMPORTANT:

It is important that building be anchored after construction.
See page 6 for recommended ways of anchoring.

