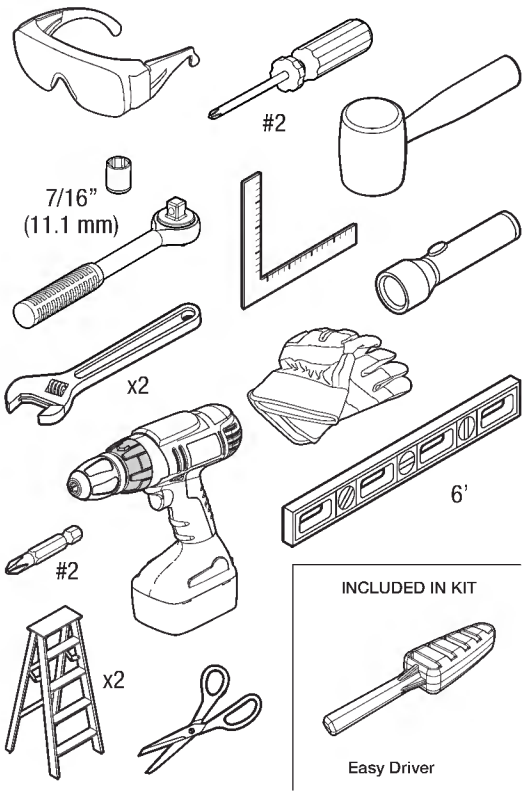
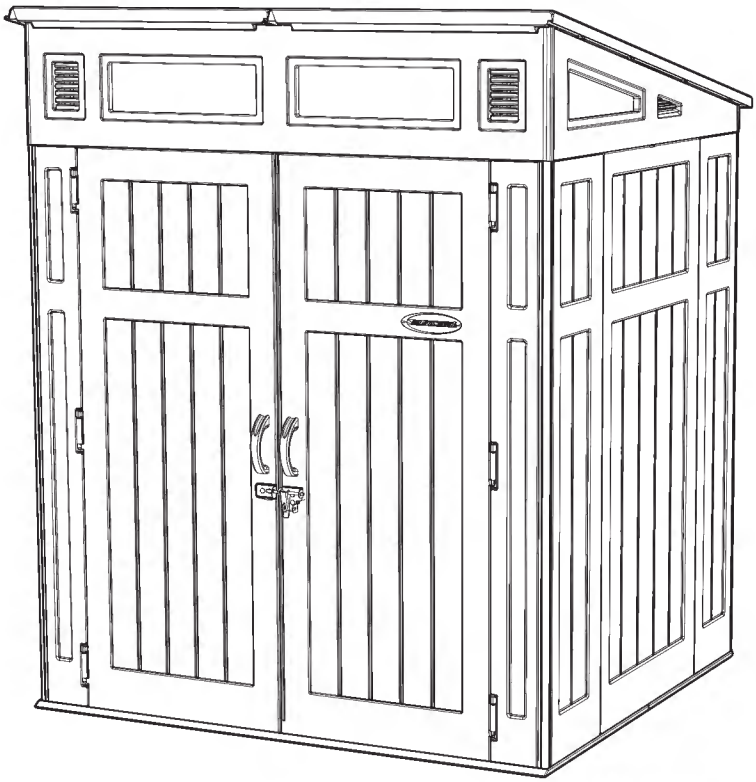
BMS6583T Series Storage Shed

ASSEMBLY INSTRUCTIONS

Tools Required





MADE IN THE USA

suncast®

Built for Everyday Life™

© 2024 Suncast Corporation, Batavia, IL USA

Thank you for purchasing this Suncast® product.

Register within 90 days of purchase to activate Warranty!

Registration is not required for products with a warranty term of 90 days or less.

1. Verify warranty term of your product by visiting **www/suncast.com/warranty** (products with a warranty term of 90 days or less do not require registration)
2. Complete registration: fill out the form and upload a copy of your receipt by visiting **https://support.suncast.com** or scanning the QR code

Have Questions?

For product questions, assembly assistance, replacement parts and more:

https://support.suncast.com

Suncast Corporation Customer Care
701 N. Kirk Road, Batavia, IL 60510

1-800-846-2345
1-630-381-6309

Before you Begin...

- **Consult your local authorities for any permits required to construct shed.** Prior to the construction of your shed, check with the local building code official to review any required permits or building limitations.
- **A level and sturdy foundation is required before shed construction can begin.** Site preparation information is available later in this manual. A foundation that differs from the specifications within this manual could prevent proper assembly and may damage parts.
- **Read instructions thoroughly prior to assembly.** This kit contains parts that can be damaged if assembled incorrectly or in the wrong sequence.
- **Please follow instructions.** Suncast is not responsible for replacing parts lost or damaged due to incorrect assembly.

Indicates at least 1 additional adult is needed to complete this section.

Indicates caution is recommended when using a power drill.

Care & Maintenance

- At regular intervals, inspect your shed to make sure that assembly integrity has been maintained. ***Repair or replace broken parts immediately.***
- Periodically check that the location you have chosen to set your shed is still level.
- Keep roof clean of snow and leaves.
- To maintain the look of your product, we recommend cleaning it at regular intervals with mild soap and water. **DO NOT** use bleach, ammonia, or other caustic cleaners, and **DO NOT** use stiff bristle brushes. Failure to perform cleaning at regular intervals could result in permanent staining of the plastic. This type of damage is not covered under warranty.

Assembly Day Tips

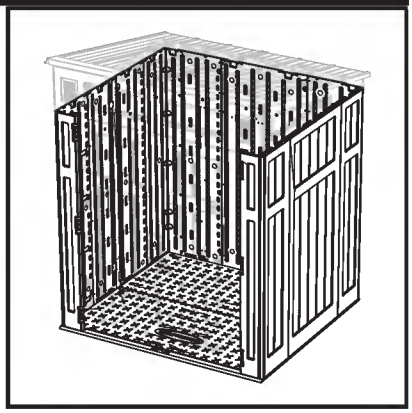
- **DO NOT** attempt to assemble on a day with strong winds.
- Set aside appropriate amount of time to completely assemble shed. An incomplete shed assembly may pose a safety hazard.
- Make sure you have assistance nearby to lift and secure parts in place.
- **DO NOT** use a torque wrench or hand drill to tighten easy bolts. Use provided easy bolt driver ONLY.
- Suncast provides extra hardware for small fasteners for customer convenience. In some cases, there will be extra small fasteners once the assembly is complete.

Note: *This product contains parts that are used in different orientations to construct the shed. Please take note of the orientation of the parts shown throughout this instruction manual. Failure to follow instructions could result in damage to parts. Suncast is not responsible for replacing parts lost or damaged due to incorrect assembly.*

Caution

- Power tools can apply excessive torque resulting in damage to the product. If you choose to use a power drill to assemble the product, Suncast recommends using a variable speed, cordless drill with a variable clutch set at the lowest setting. A #2 Phillips driver bit is compatible with the hardware provided. Suncast makes no guarantee that following this recommendation will prevent damage to the product. Damage to parts due to over-torque are not covered under Suncast's limited warranty.
- Proper site preparation is required.
- Shed not intended for storage of flammable, caustic or corrosive materials.
- Shed not intended for habitation or for use by children.
- **DO NOT** stand, sit, or store items on the storage shed roof.
- **DO NOT** place near objects that are hot or can become hot.
- Heavy articles should not be leaned against the walls, as this may cause panel distortion and permanent damage.
- Suncast is not responsible for damage caused by weather or misuse.
- This kit contains parts with sharp edges. Please be careful when handling, use of work gloves is recommended.
- **WHEN DRILLING THROUGH METAL,** beware of burrs, shavings and other sharp edges. Safety glasses are strongly recommended.
- **DO NOT** place in areas near highly reflective surfaces (Note: Low-E windows are more reflective than standard windows and may affect the longevity of the product).
- Product is water resistant and not waterproof. Locate unit away from gutter and down spouts for optimal performance.
- Maximum weight limit for tool hanger = 10 lbs. (evenly distributed).
- **DO NOT** hang on tool hanger. Always hang tools carefully.
- To maintain warranty coverage, the product should be padlocked at all times when not in use, refer to the end of this manual for padlock specifications.

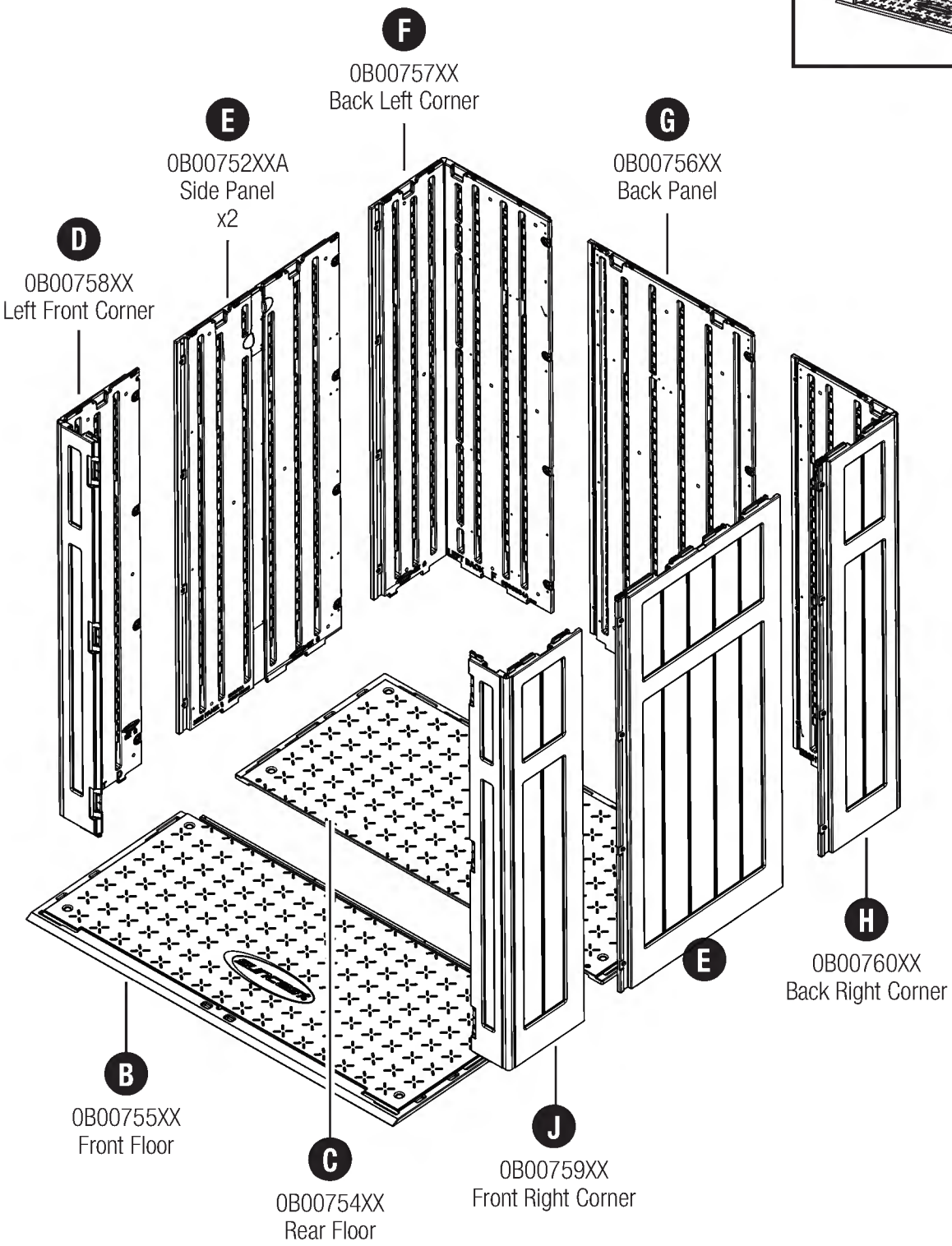
Parts - Walls and Floors



IMPORTANT

COMPLETE SITE PREPARATION AND FOUNDATION CONSTRUCTION BEFORE UNPACKING ALL PARTS.

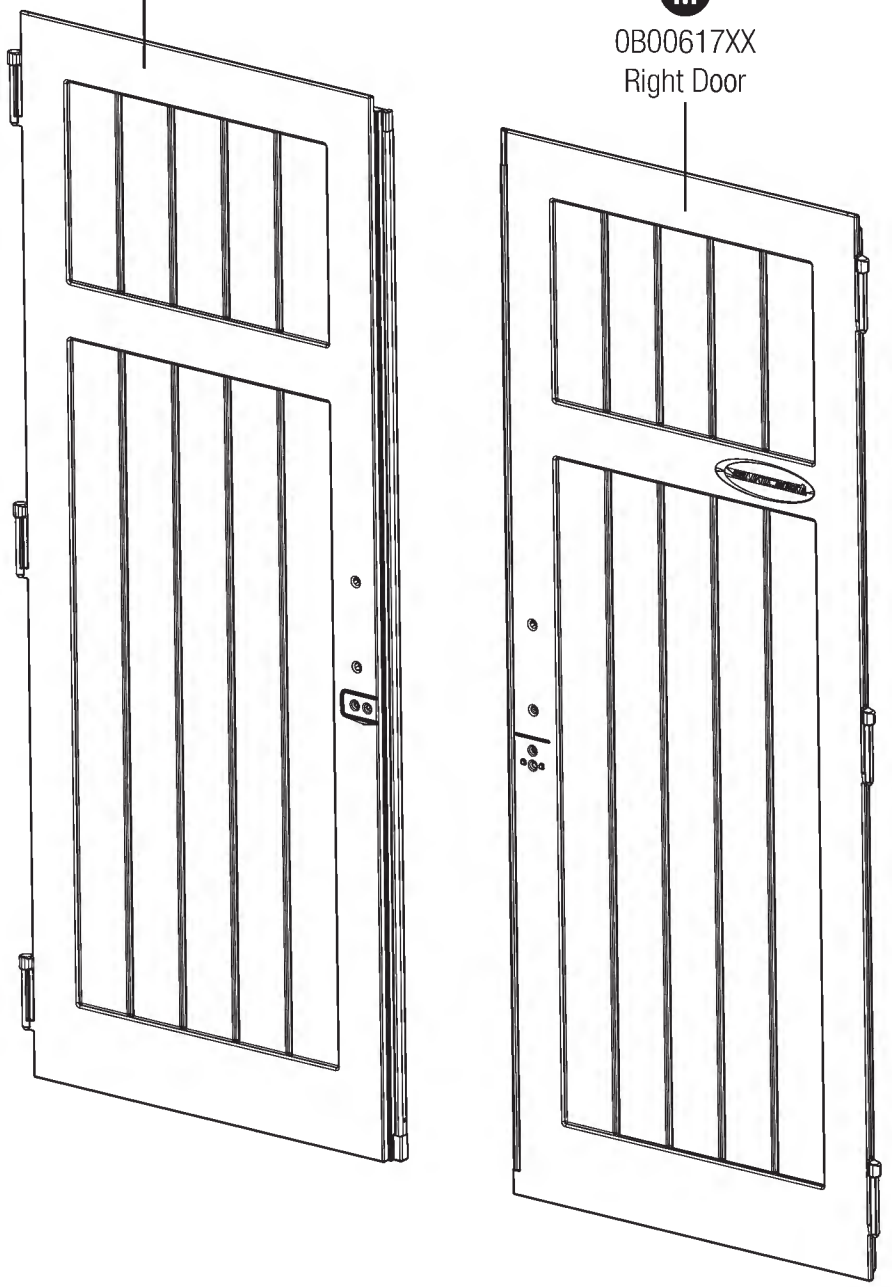
OPEN ALL BOXES FIRST AND NEATLY LAYOUT PARTS. SMALL PARTS MAY BE CONTAINED IN EACH BOX. PLEASE REFERENCE THE PARTS LIST WITHIN THIS MANUAL TO VERIFY ALL PARTS ARE PRESENT.



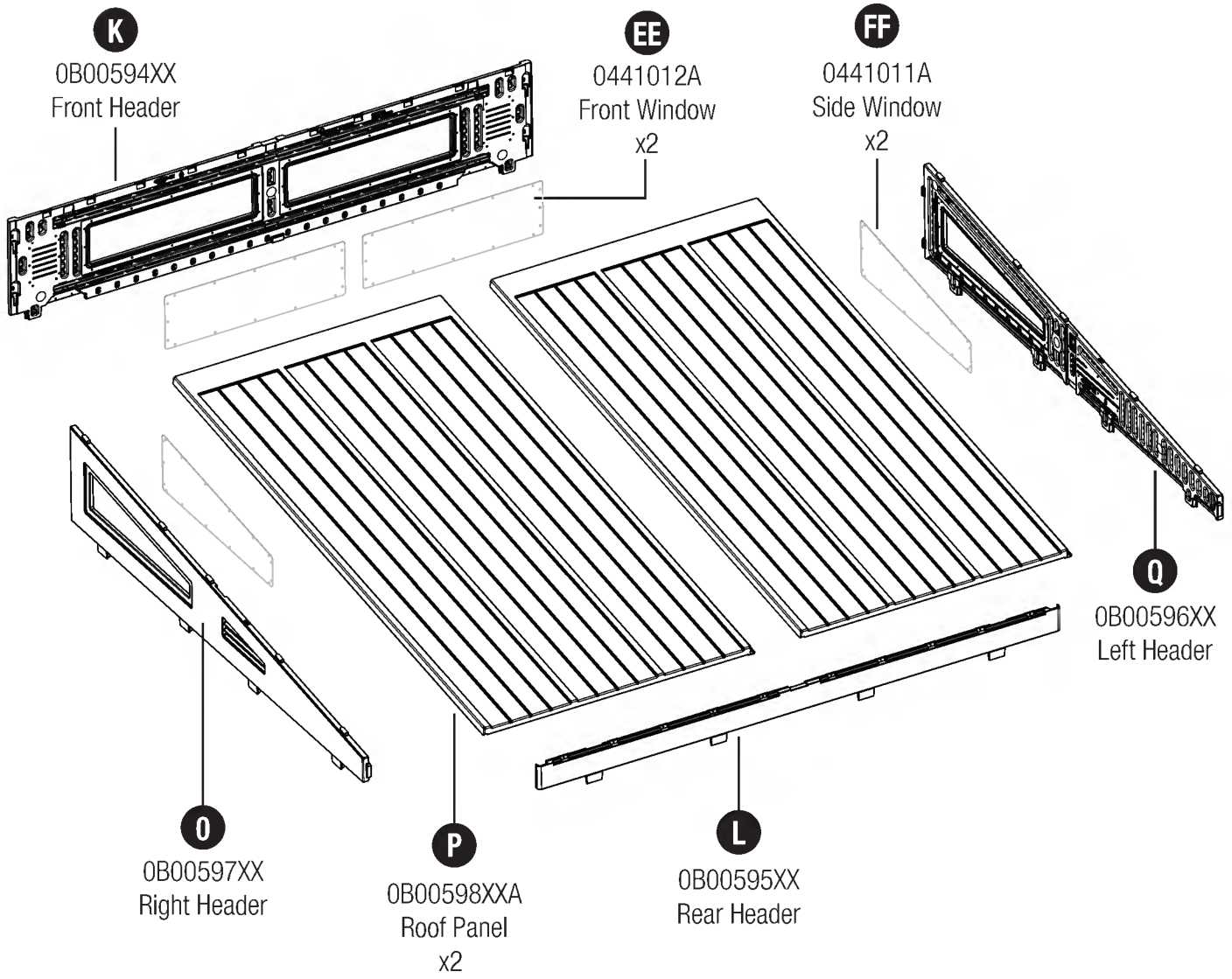
Parts - Doors

N
0B00616XX
Left Door

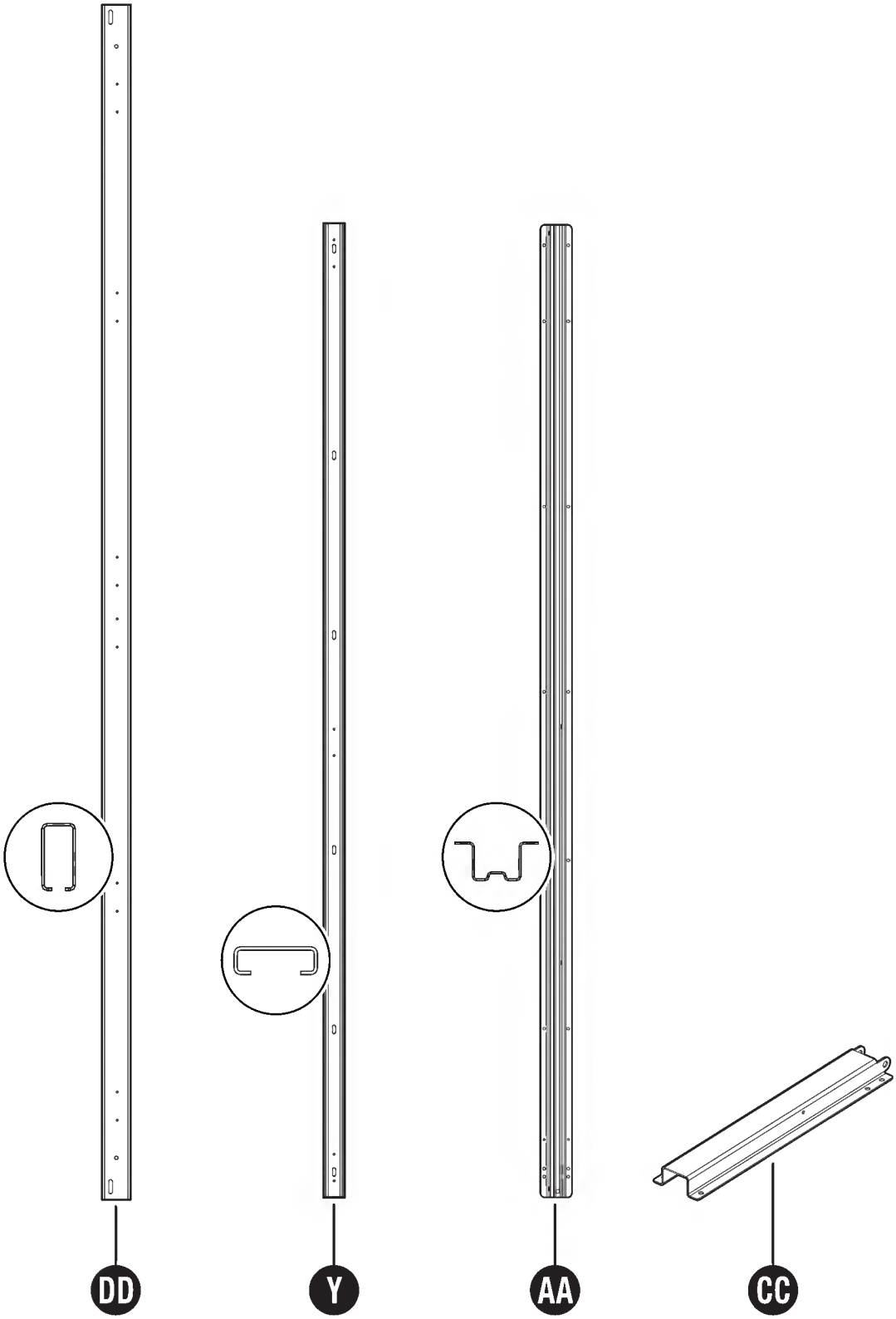
M
0B00617XX
Right Door



Parts - Roof / Headers / Windows



Parts - Steel



1MRG01014
70.25" Ridge Beam

1MRG02004
62" Header Beam
x3

1MRG05007
62.69" Truss Leg
x3

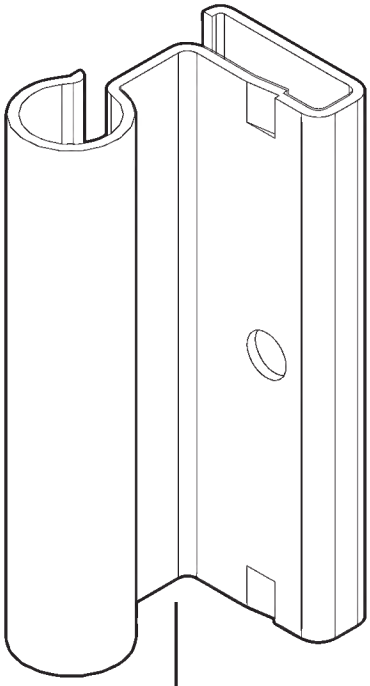
1MRG04004
Side Adapter

Kit #0860029

1MRG04005a
68.5" Side Adapter
x6

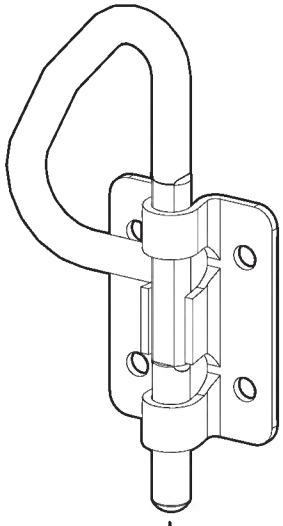
Kit #0860033

Parts - Hardware



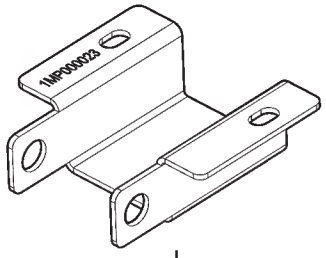
II

0MP000002
Metal Hinge Plate
x6



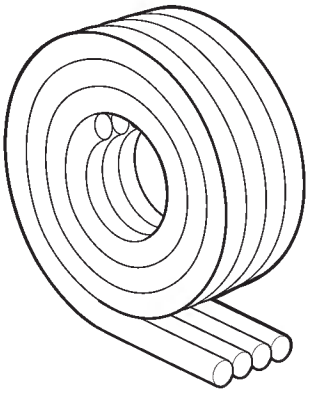
T

0440631
D-Ring
x2



Z

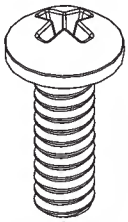
1MPG00023A
Support Bracket
x4



R

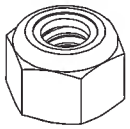
0441010A
Window Gasket*
(4 Strands)

0480337 – Hardware Bag



00

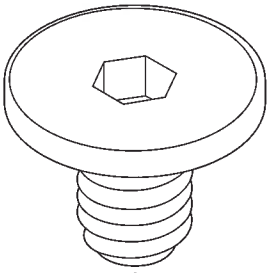
.25" x .75" Screw
x6



PP

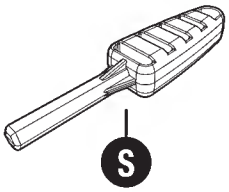
.25" Locking Nut
x6

0480560 - Hardware Bag



RR

Easy Bolt 7/8"
x26



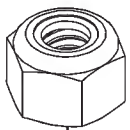
S

*Easy Bolt Driver

0480216A – Hardware Bag
x3 Bags

NN

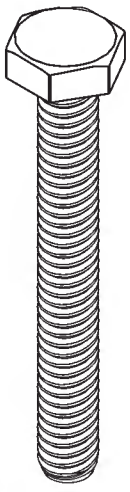
#10 x .625" Screw
x276



LL

.25" Locking Nut
x12

0480493A – Hardware Bag



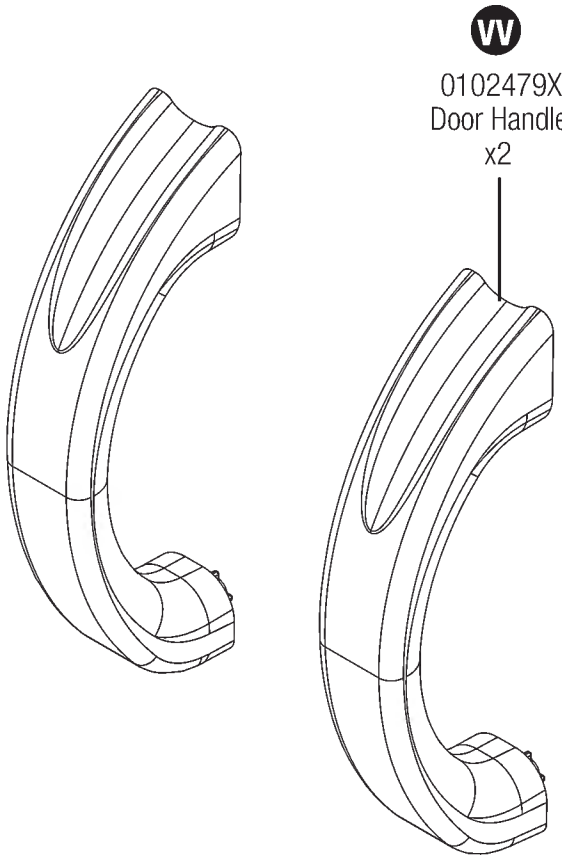
JJ

.25" x 2" Hex Bolt
x12

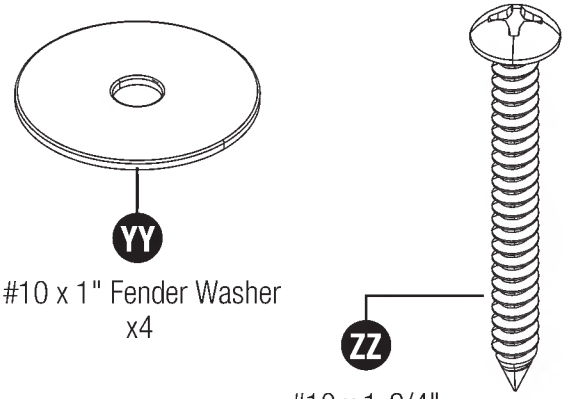
Hardware shown at actual size (*unless otherwise noted). Extra hardware provided. Not all are used.

Parts - Door Handle Kit

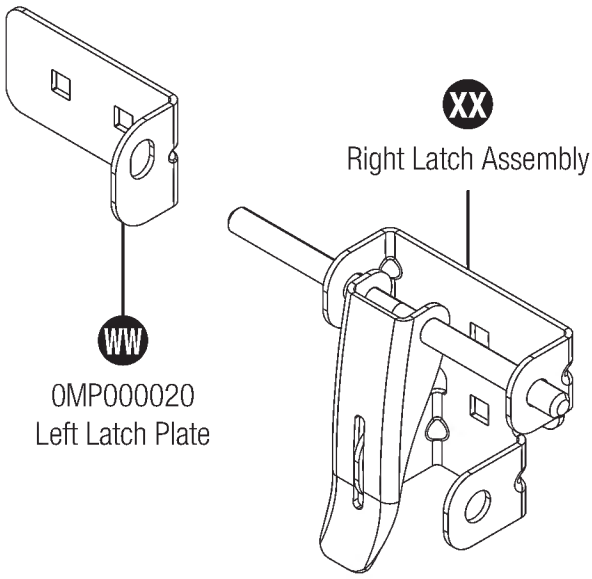
0464503 – Door Handle Kit



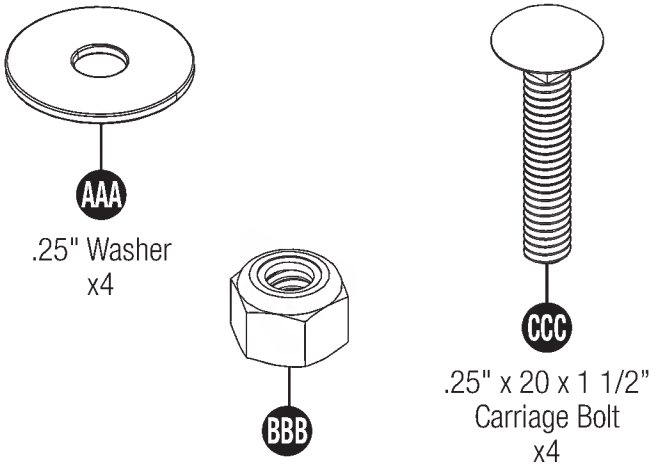
0480463 – Hardware Bag



0464504 – Door Latch Kit



0480439A- Hardware Bag

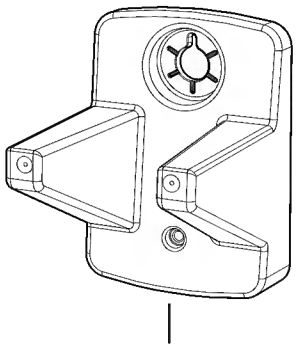
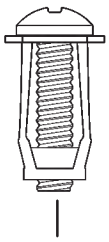
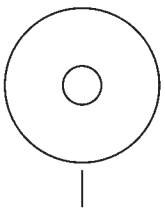
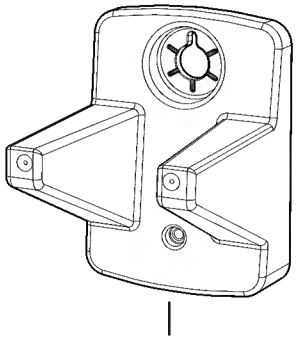
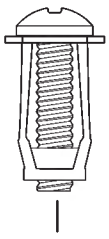
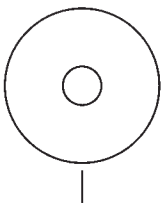


Hardware shown at actual size (*unless otherwise noted). Extra hardware provided. Not all are used.

Parts - Accessories

Please note, not all shed models include accessories.

Reference the UPC located on the shed packaging to determine your shed's model number.

BMS6582	No Accessories Included
BMS6583	
BMS6583T	 0102785 Tool Hanger 0480545 – Hardware Bag  0632514 ¼-20 x 1" Toggle Bolt x2  0632513 ¼" Fender Washer x2
BMS6584	 0102785 Tool Hanger x3 0480545 – Hardware Bag  0632514 ¼-20 x 1" Toggle Bolt x2  0632513 ¼" Fender Washer x2

Easy bolts required for mounting accessories included with shed hardware.

To view the full range of accessories available for your shed, please visit our website at www.suncast.com.

Site Preparation and Platform Construction

Materials **NOT** supplied with Shed Kit

Important:

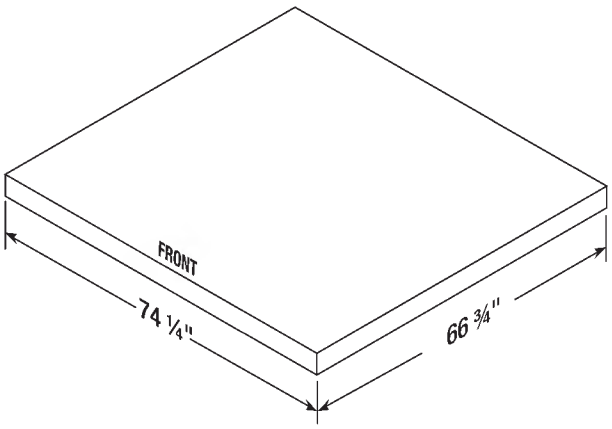
- **Site preparation is required for this shed. Placing the shed on a properly constructed, square, flat, smooth and level foundation, as described below, is required. Without a properly constructed foundation, settling will eventually occur, causing distortion and damage to the shed. Suncast is not responsible for replacing parts damaged or property lost due to incorrect foundation construction or improper assembly. Warranty requires a properly constructed foundation to which the shed must be anchored as instructed below.**
- **Complete the site preparation and foundation construction before unpacking parts and beginning assembly. For tips on site preparation, go to www.suncast.com, consult retailer, or local code.**

Site Preparation

1. Consult your local authorities for building codes and covenants before beginning foundation or erecting shed.
2. Before any digging, check with local utilities to determine location of buried cables, pipes, etc.
3. Decide which type of foundation is most suitable for your installation. The foundation surface must be square, flat, smooth and level. Follow the below guidelines for foundation options.
4. Complete the foundation preparations as follows:
   - A vapor barrier may be applied over the foundation to prevent excessive condensation in the shed. Follow local building codes for a proper vapor barrier.
   - The ground should slope away from the foundation area to provide drainage.
   - Placing the shed on surfaces made of materials such as patio blocks or pavers is not acceptable for long-term support structure or smooth surface. Use of these will void the warranty.

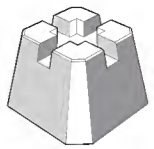
Concrete Slab

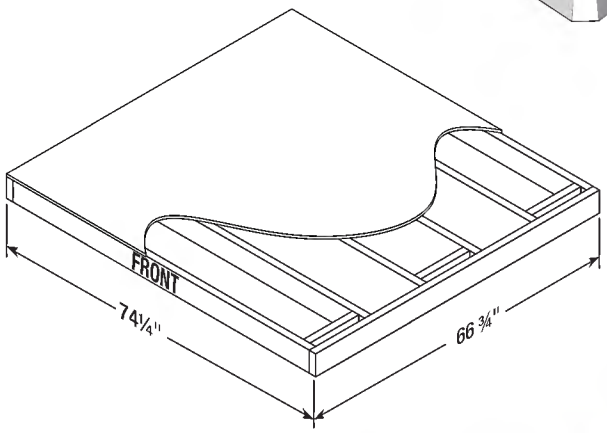
- Construct a slab of at least 4" thickness.
- The use of reinforcement bar is recommended.
- For foundations larger than specified below, the shed must rest on a continuous, level portion of the concrete slab



Wood Platform

- Use exterior grade wood.
- Set the wood platform on deck footing blocks or full footing.

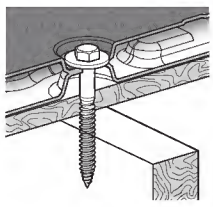




* Dimensions shown are minimal for proper fit of the shed.

Anchoring the Floor Panels to the Foundation is required after shed assembly is complete.

- Shed floor panels include flattened areas where anchors or lag screws are to be secured. These flat areas must be drilled through prior to securing the floor panels to the foundation.



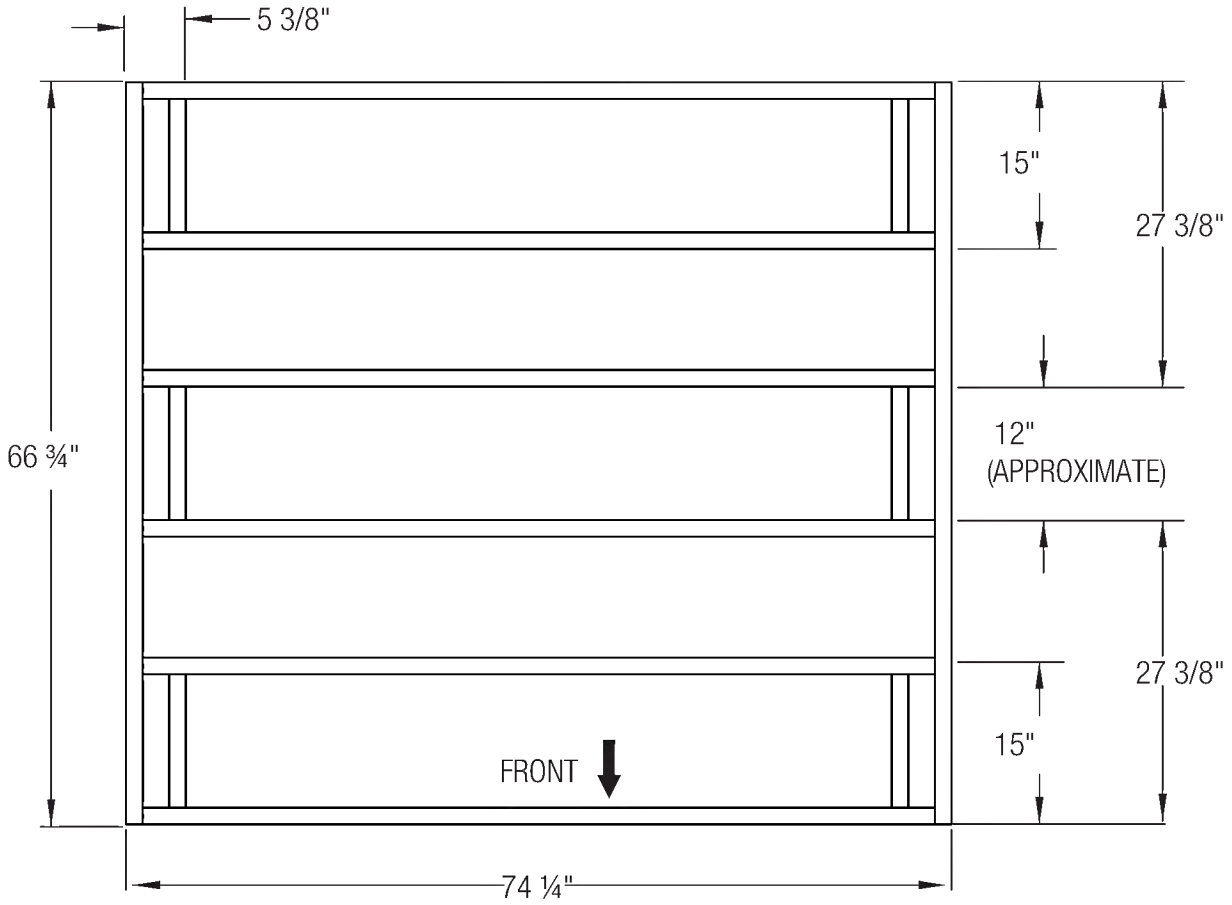
Anchor section example

- The shed must be secured to a continuous concrete slab using 3/8" masonry anchors with 3/4" washers (hardware not included). **8 masonry anchors are required for the Suncast BMS6583T Shed.**
- The shed must be secured to a wood platform using 1/4"-3/8" x 3" lag screws with 3/4" washers (hardware not included). **8 lag screws are required for the Suncast BMS6583T Shed.**

  Note: Shed floor fastening locations are designed to align with the under-structure layout. Be sure the front of the floor panels are oriented correctly on the platform to ensure lag bolts engage with the under-structure.

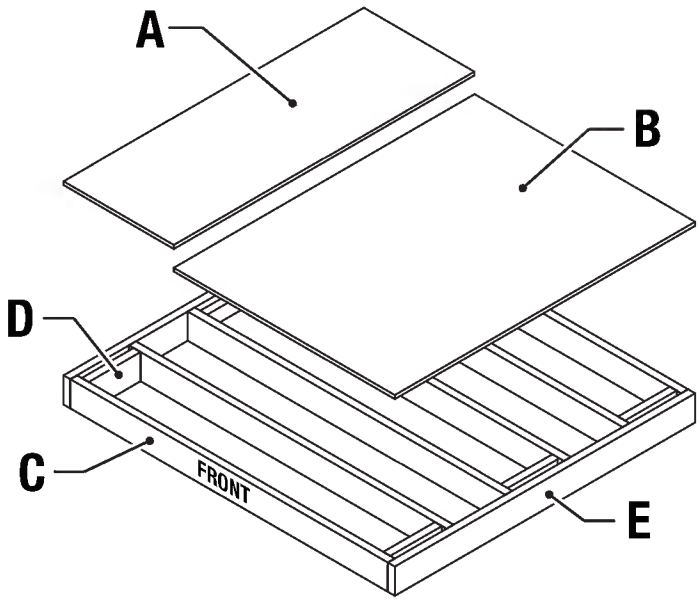
Wood platform critical spacing

• Check all critical spacing measurements carefully.



Wood platform materials list

Item	Qty	Size
a	1	26 ¼" x 65 ¾" x ¾"
b	1	48" x 66 ¾" x ¾"
c	6	2" x 6" x 71 ¼"
d	6	2" x 6" x 12"
e	2	2" x 6" x 66 ¾"

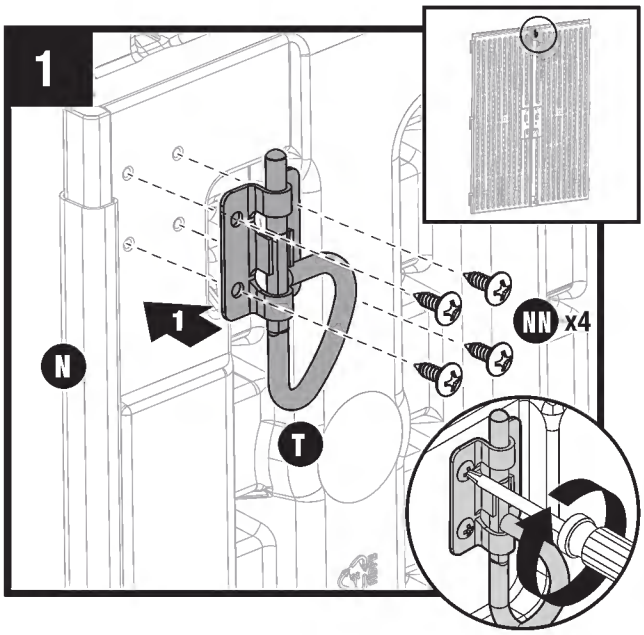


- Please note, 2 x 6 dimensional lumber is actually 1/2" smaller than noted sizes. Dimensions given presume standard 1.5" x 5.5" actual size lumber. Lumber dimensions can vary. Check lumber dimensions before cutting and make appropriate adjustments to achieve given dimensions. Cut sizes are actual size.

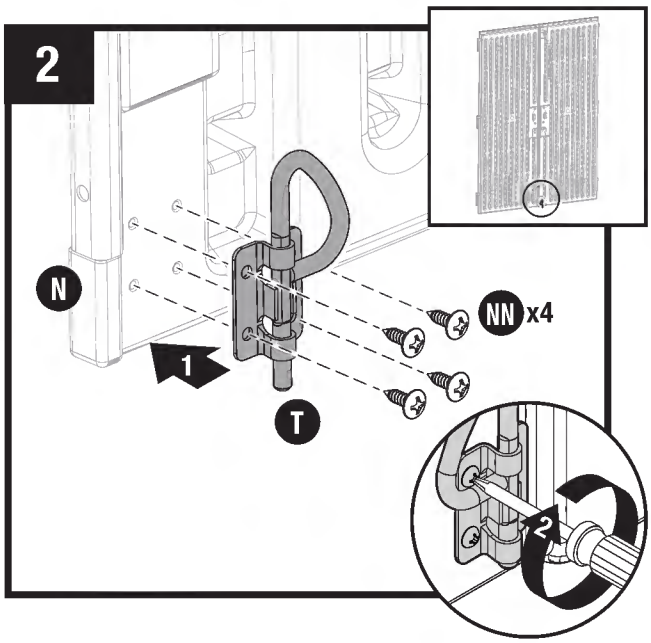
Pre-Assembly

Power tools can apply excessive torque resulting in damage to the product. If you choose to use a power drill to assemble the product, Suncast recommends using a variable speed, cordless drill with a variable clutch set at the lowest setting. A #2 Phillips driver bit is compatible with the hardware provided. Suncast makes no guarantee that following this recommendation will prevent damage to the product. Damage to parts due to over-torque are not covered under Suncast's limited-warranty.

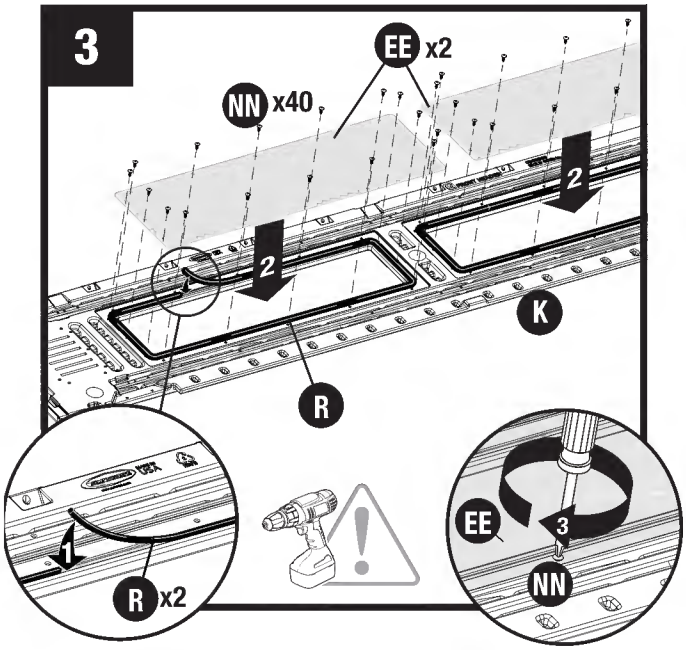
This item uses self-tapping screws in some areas. There are no pre-drilled holes. Use force when starting to drive the screw. Once the screw pierces the plastic it will drive easier.



At top interior side of left door (N), attach D-ring slide bolt (T) with four screws (NN) through provided holes.

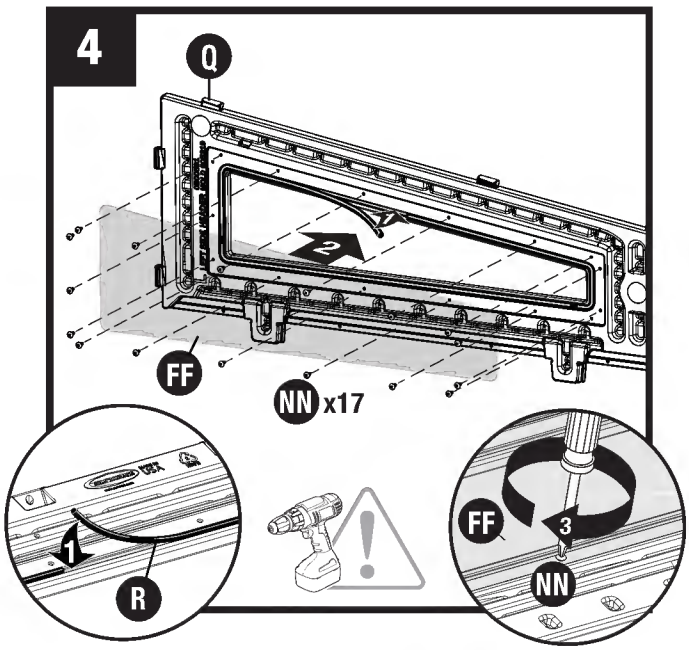


At bottom interior side of left door (N), attach D-ring slide bolt (T) with four screws (NN) through provided holes.



Place front header (K) on flat surface, facing down. Starting at the top-center of the window, press one end of the gasket (R) into the channel and work around the window. DO NOT STRETCH GASKET. Trim any excess gasket with scissors.

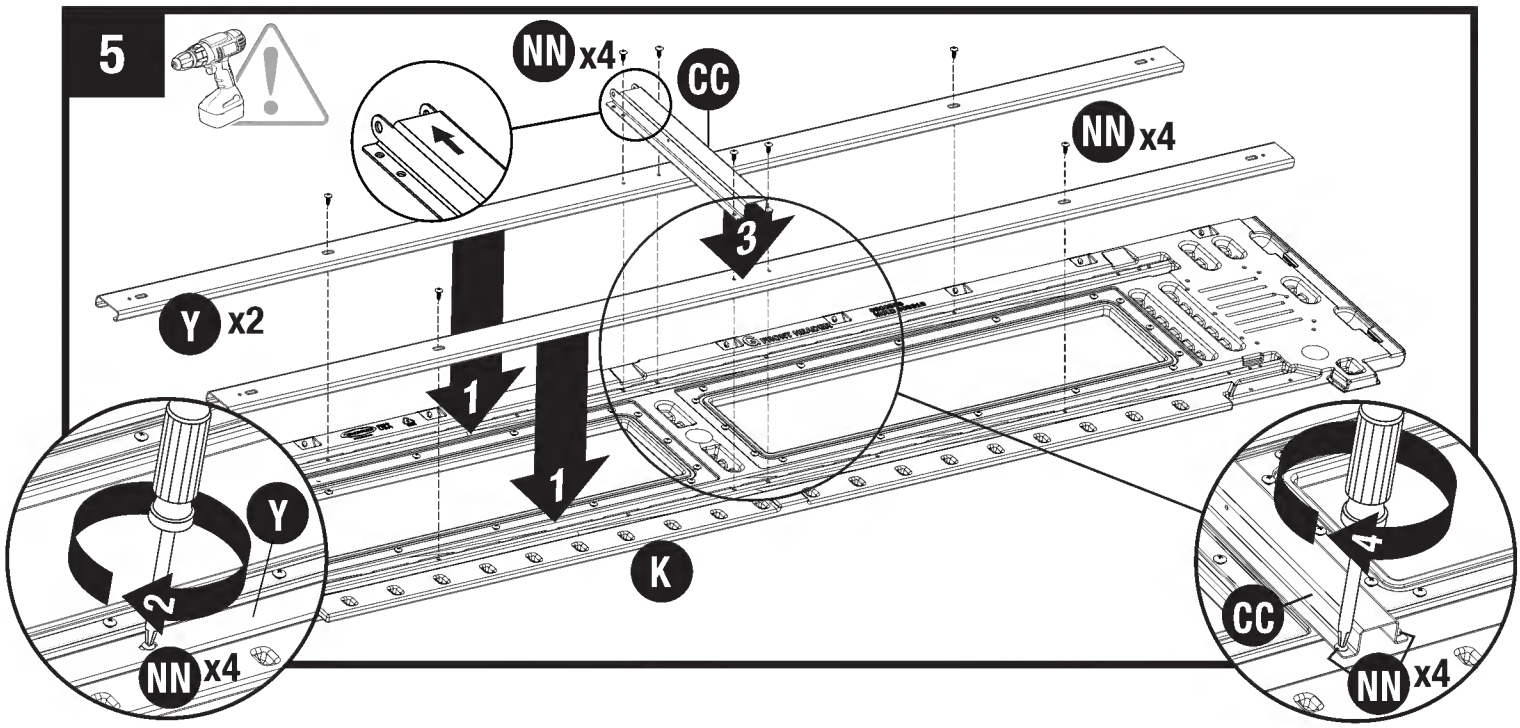
Lay one window pane (EE) over each window opening. Secure window panes with 20 screws (NN).



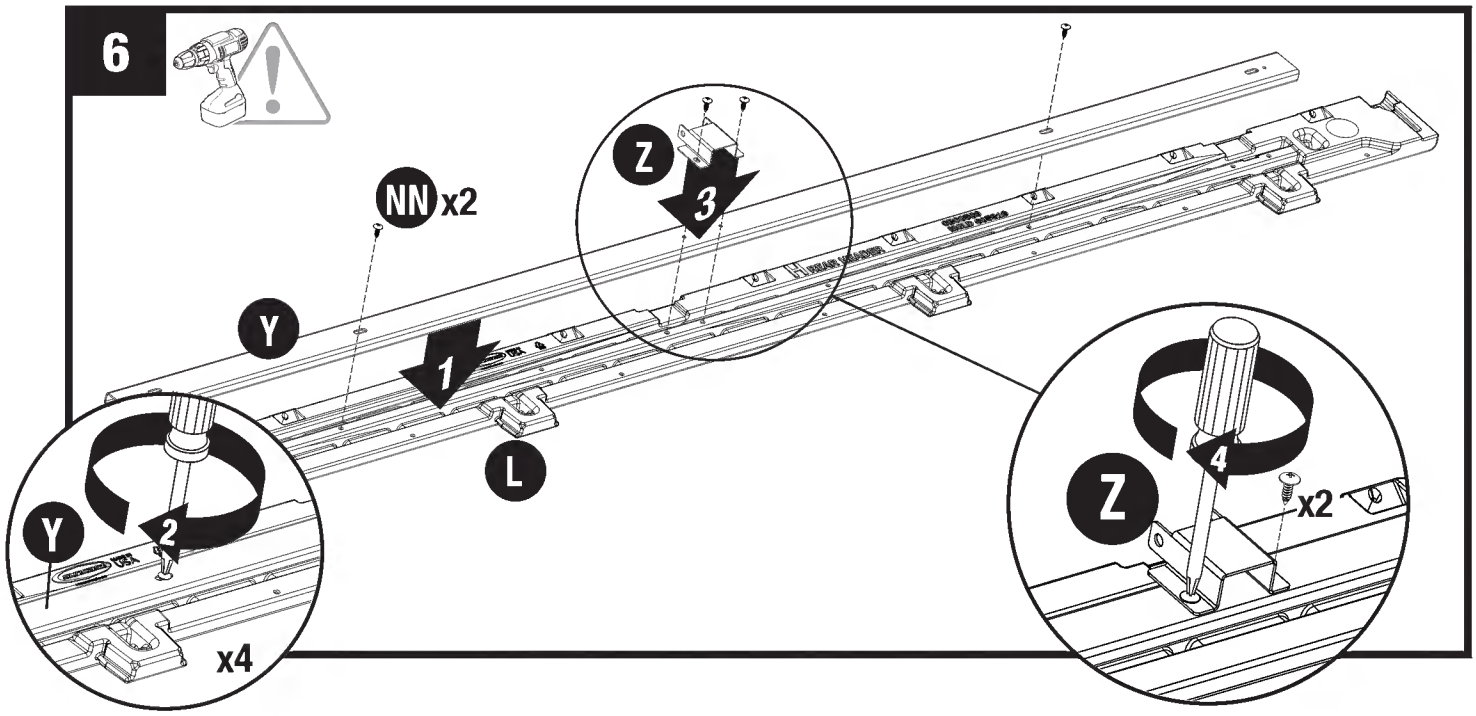
Place left side header (Q) on flat surface, facing down. Starting at the top-center of the window, press one end of the gasket (R) into the channel and work around the window. DO NOT STRETCH GASKET. Trim any excess gasket with scissors.

Place side window pane (FF) over window opening. Secure window pane with 17 screws (NN).

Repeat for right side header (O).

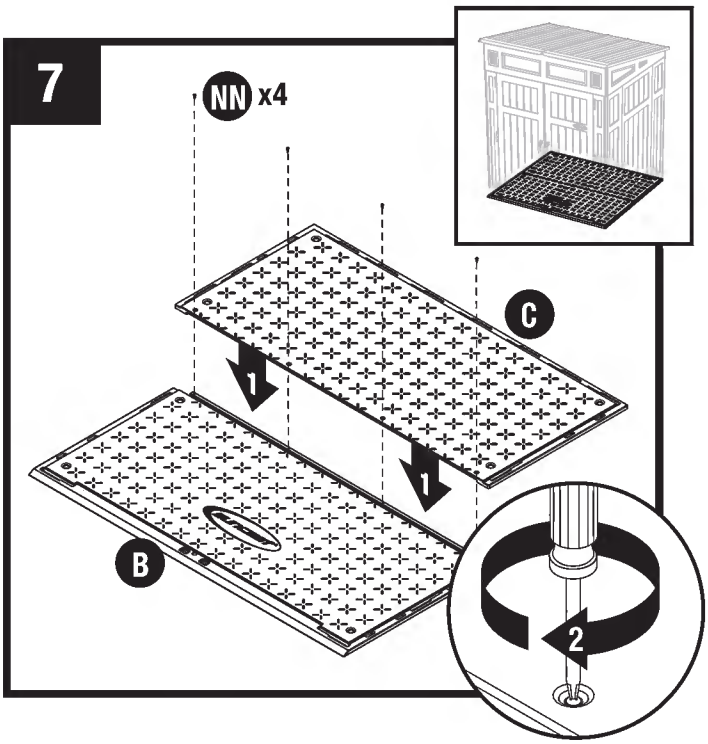


Place front header (K) face down on flat surface. Place one header beam (Y) in each channel above and below the window openings. Secure beams (Y) with two screws (NN) each. Place short side adapter (CC) between windows with the flat bottom end facing down. Secure adapter (CC) with four screws (NN).

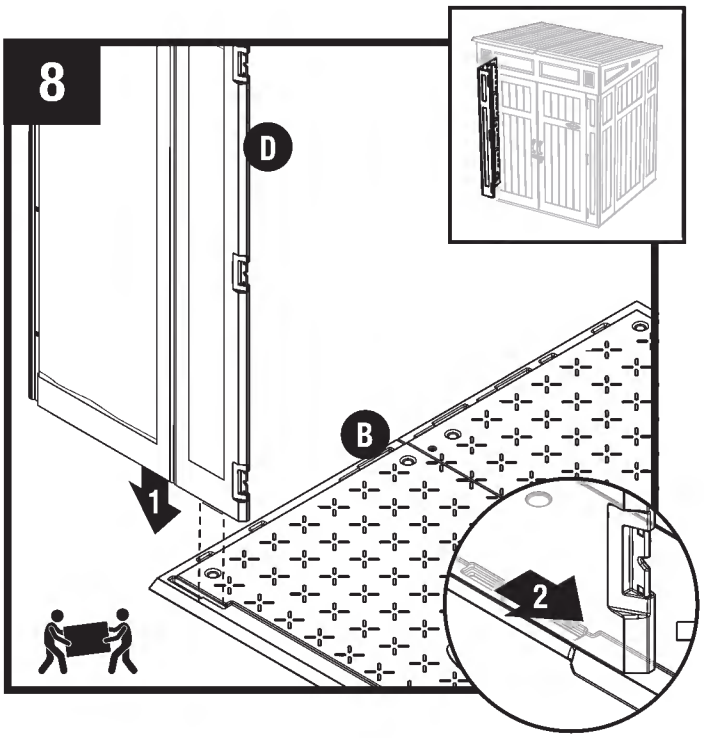


Place rear header (L) face down on flat surface. Place remaining header beam (Y) in channel on back of header. Secure beam (Y) with two screws (NN). Place support bracket (Z) at center of beam with the flat bottom end facing down. Secure bracket (Z) with two screws (NN).

Assembly

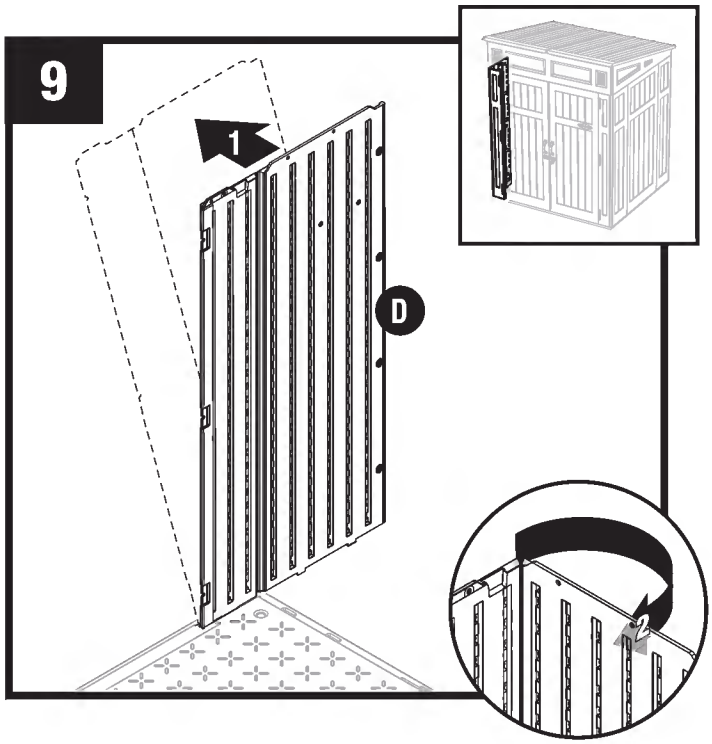


Push front floor (B) and rear floor (C) panels together and secure with four screws (NN).

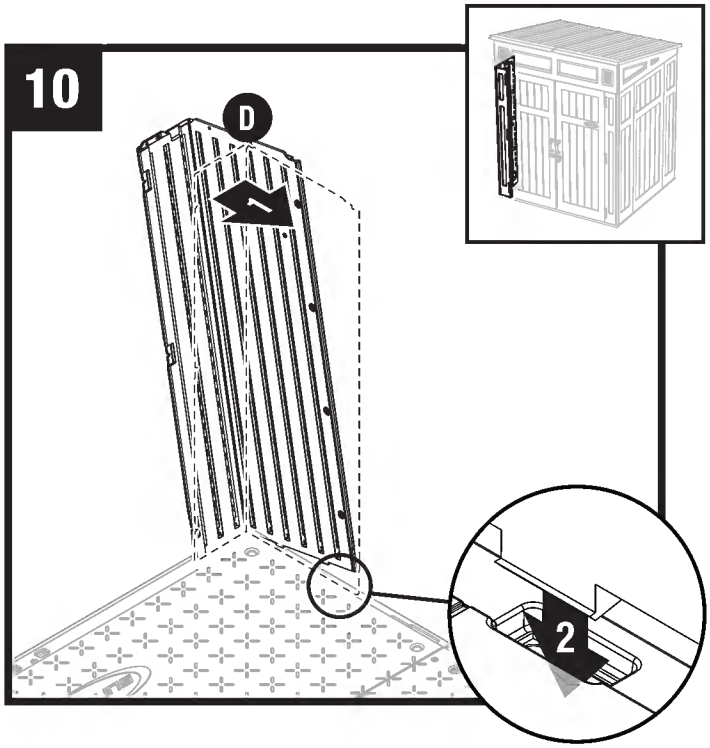


Align tab on bottom right side of left front corner (D) with slot on front floor (B). Lower panel into slot and lock in place by sliding panel toward door opening.

Note: Use a rubber mallet to "push" left front corner (D) into locked position.



Tip left front corner (D) outward slightly and bend corner hinge.

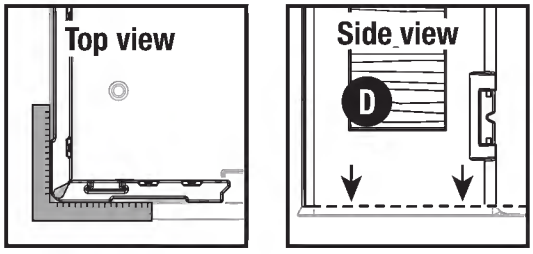


Tip left front corner (D) back to vertical position and align lower tabs on right side with slots in floor.

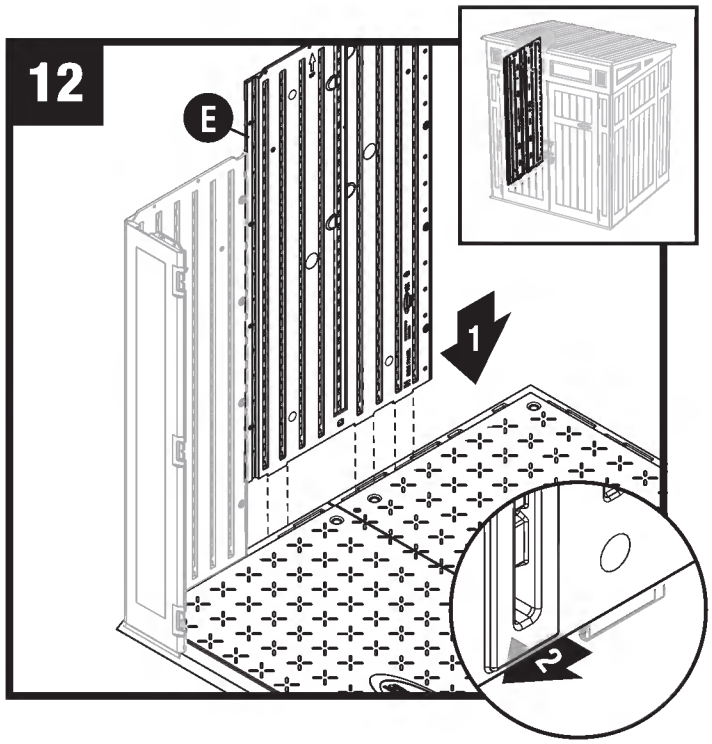
11

Before proceeding, make sure corner is square (top view) where it meets the floor and that panel is flush (side view) with floor.

If not, repeat Steps 9-10 until square and flush.



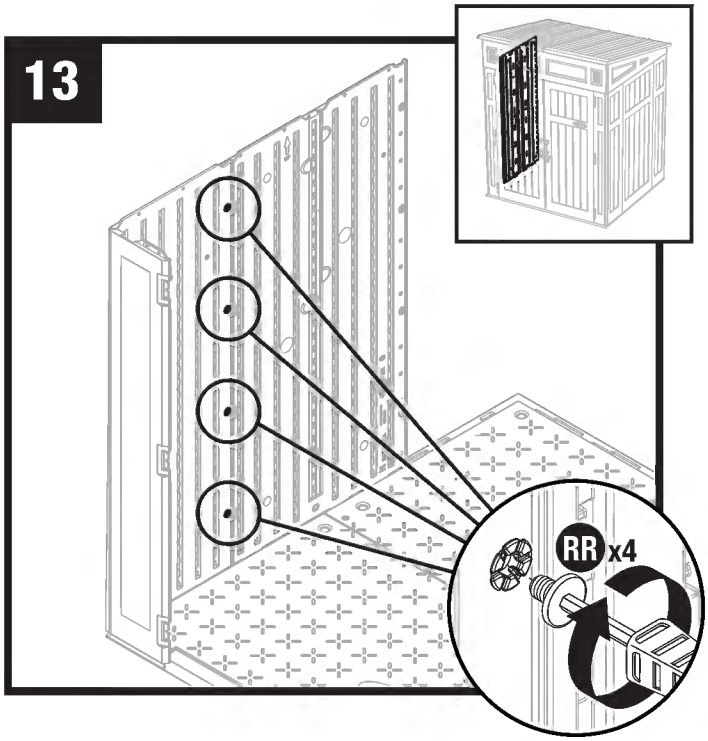
12



Align tabs on bottom of side panel (E) with slots along front and rear floors. Lower panel into slots and lock in place by sliding panel toward front corner.

Note: Use a rubber mallet to "push" side panel (E) into locked position.

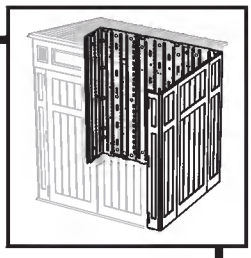
13

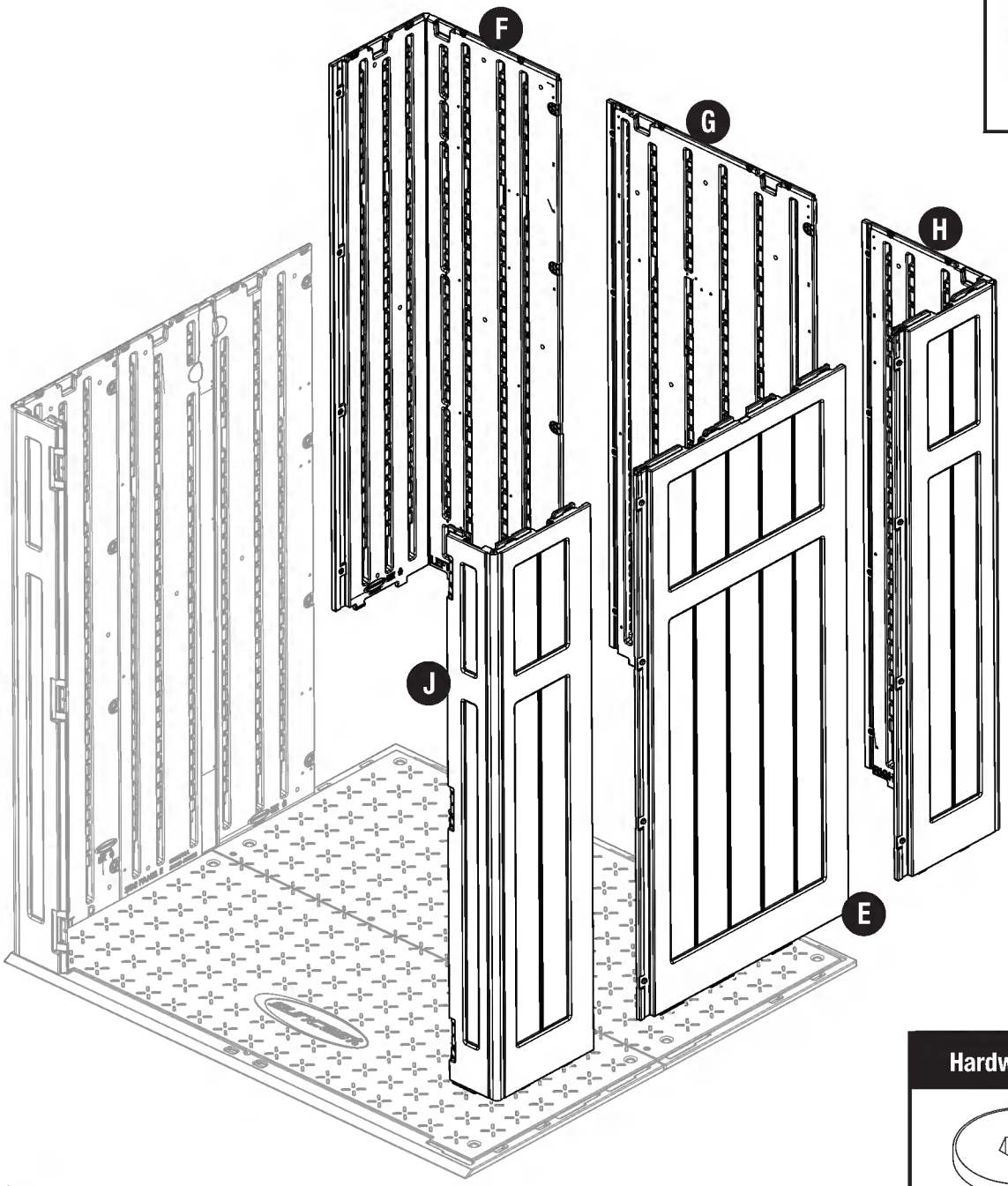


TIP: Have a second person pushing from the outside

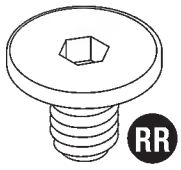
Secure side panel with four easy bolts (RR), working from floor to roof. Use easy bolt easy driver (S) and hand tighten. Tighten easy bolts securely (3-4 clicks).

14

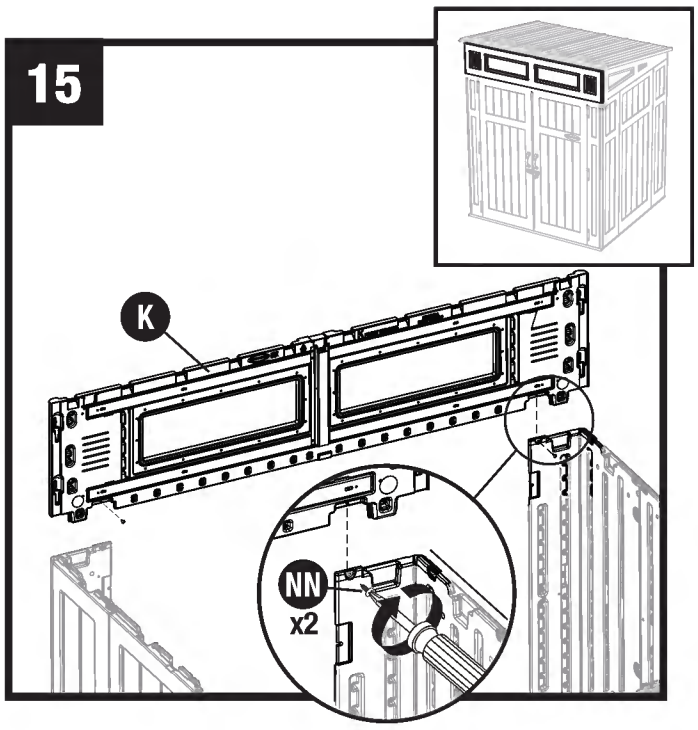




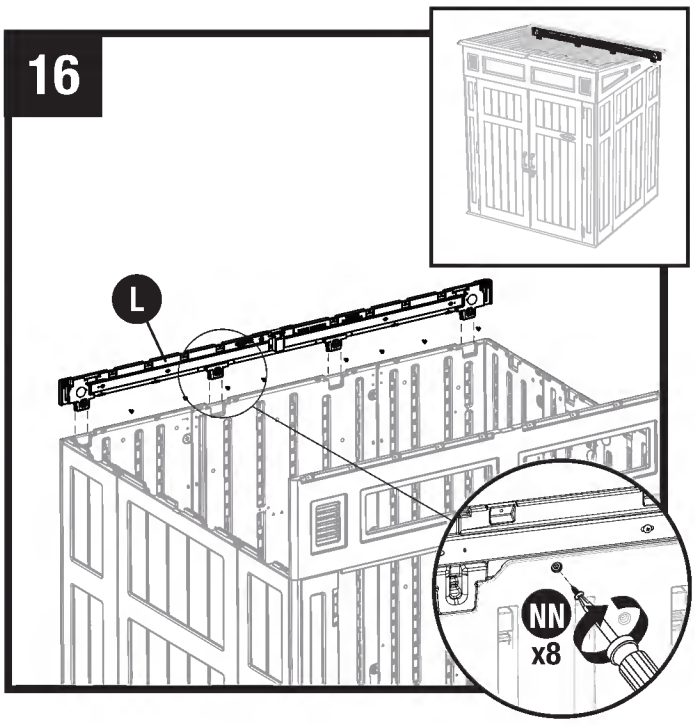
Hardware Needed



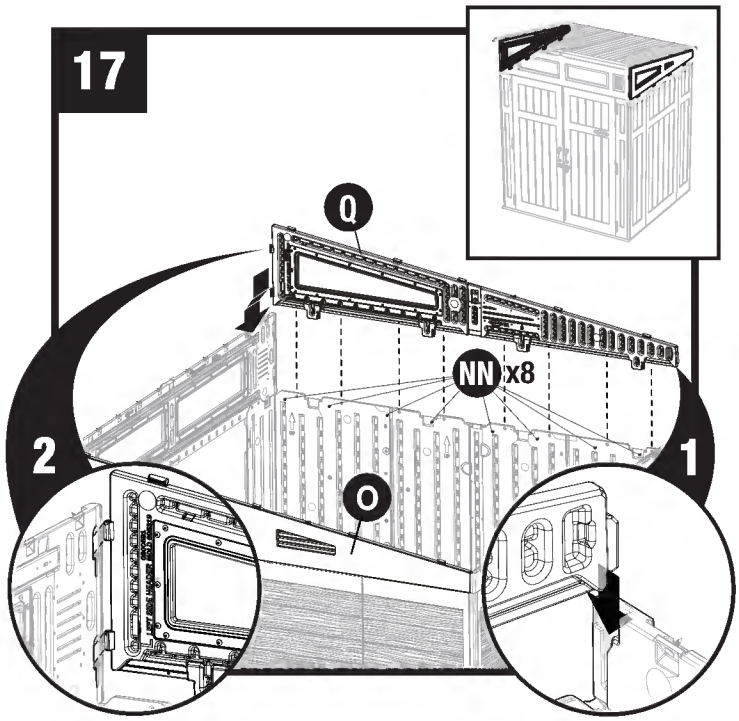
Repeat steps 8-13 for remaining panels.



Place front header (K) over door opening and fit two support tabs into pockets in front corners. Secure front header with two screws (NN).



Place rear header (L) over back wall and fit the four tabs into pockets provided in wall. Secure rear header with eight screws (NN).

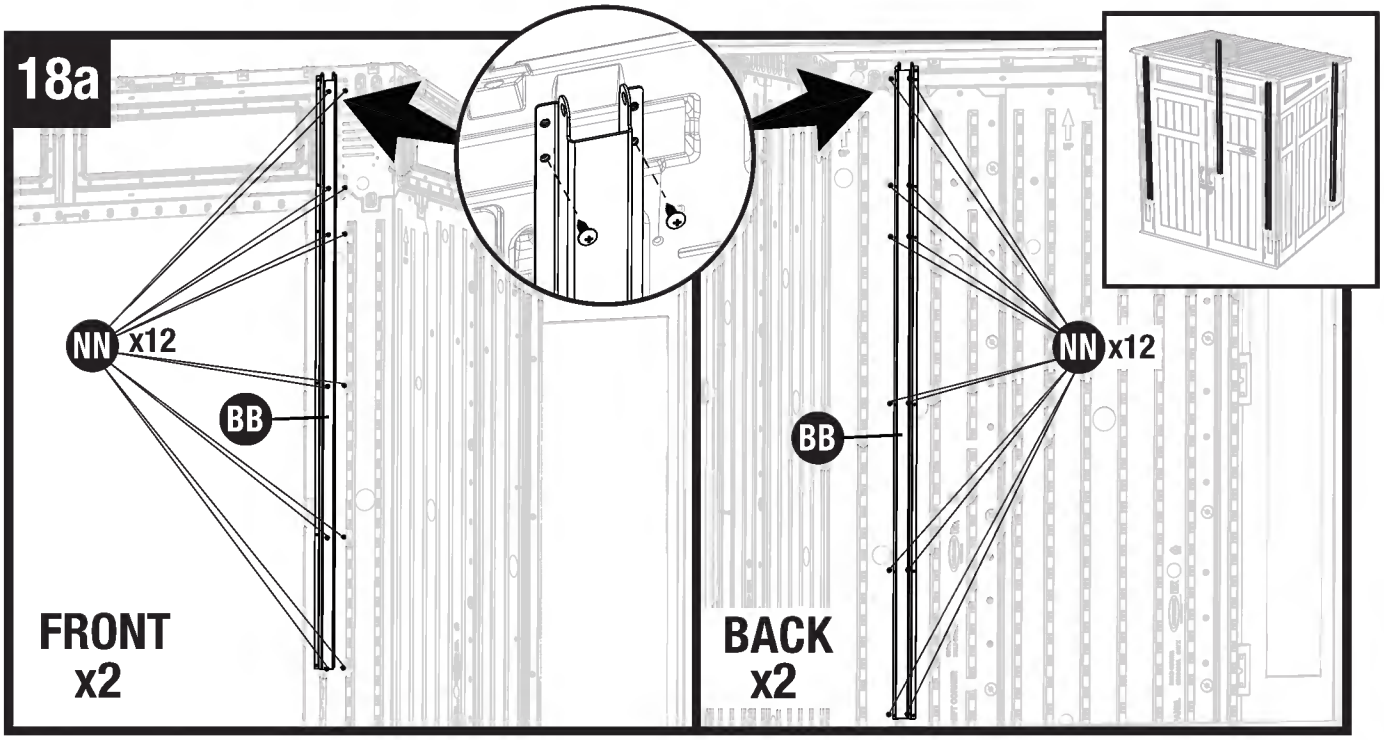


Note: Have a second person hold wall from inside

Place left side header (Q) over left side walls.

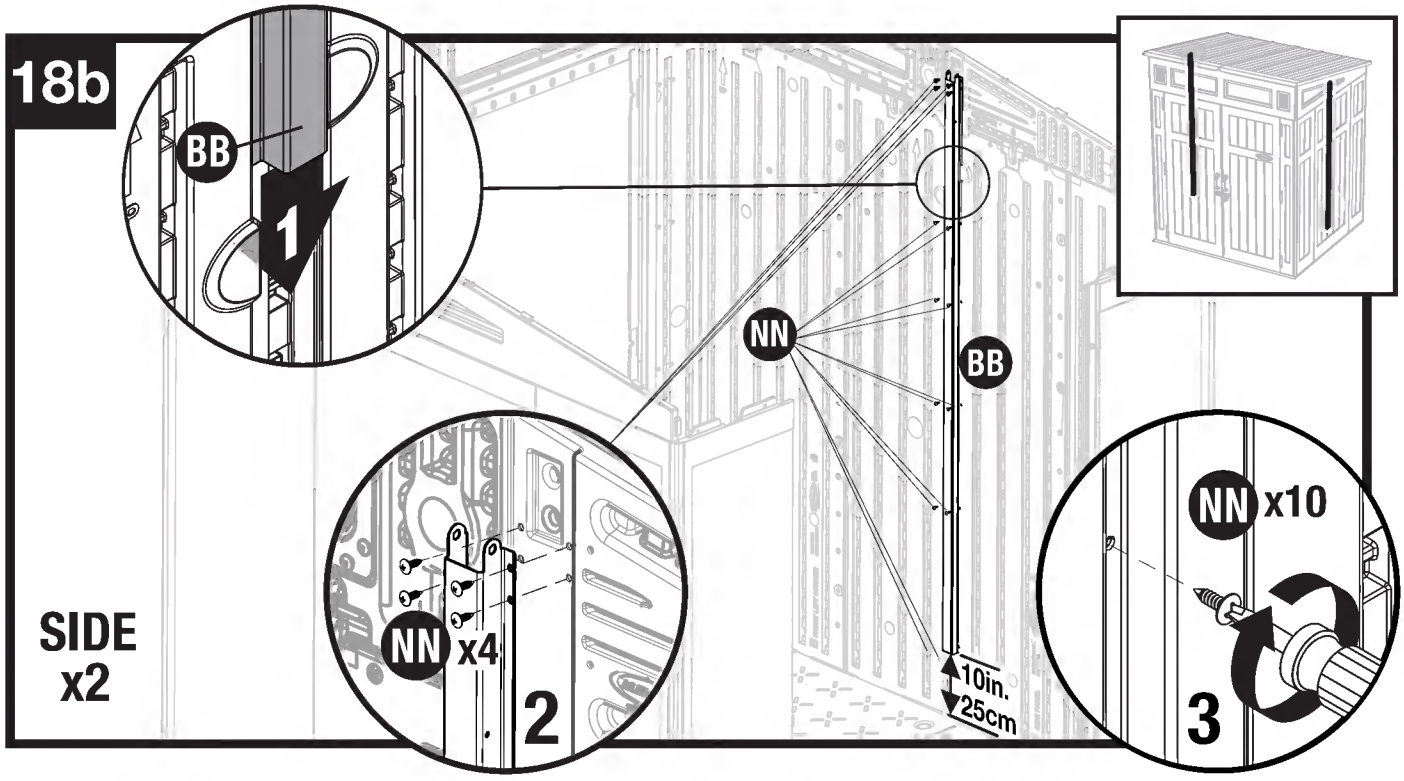
Insert the tab at the rear corner into the slot in the rear header and press down on the side header to secure in position. Insert the two tabs at the front of the side header into the slots provided on the end of the front header and press down into slots. Fasten the side header with eight screws (NN).

Repeat for right side header (O).

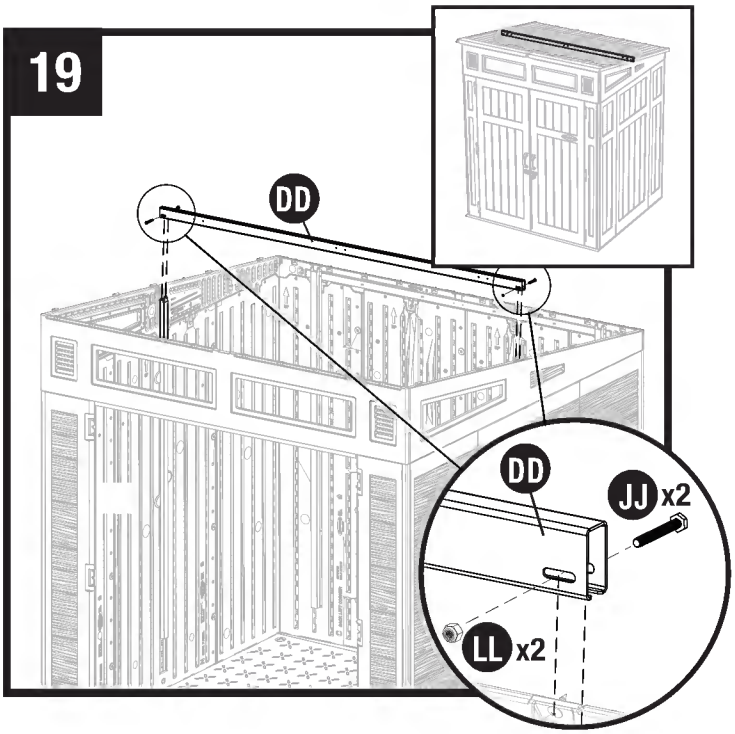


Place one side adapter (BB) in position on right side of interior door opening. Secure with 12 screws (NN). Place one side adapter (BB) in position on back corner. Secure with 12 screws (NN).

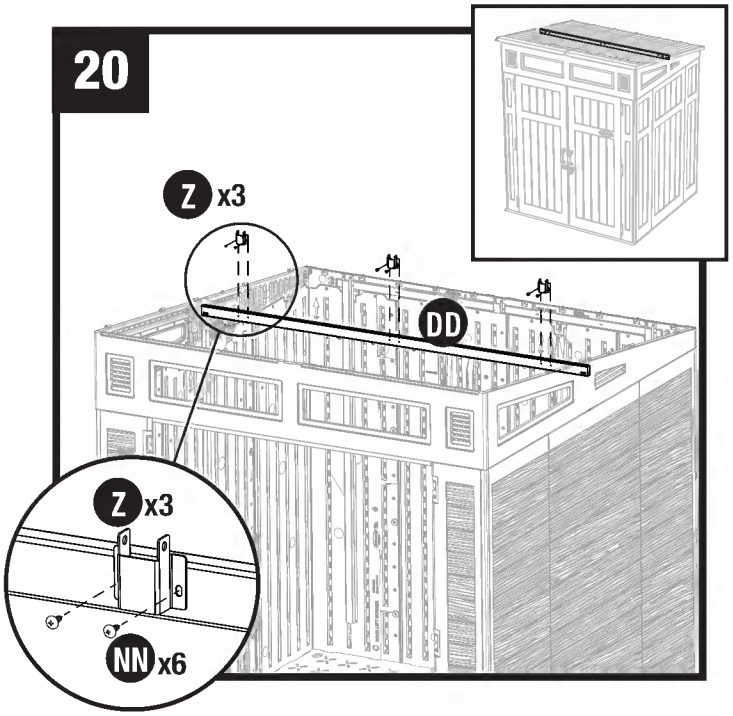
Note: Critical orientation of bracket is shown and used in next steps. Repeat with the remaining two side adapters (BB) on left side of the shed interior.



Attach one wall adapter (BB) to right side wall by sliding it in place from above. Secure with 14 screws (NN). Repeat with the remaining wall adapter (BB) on left side of the shed interior.

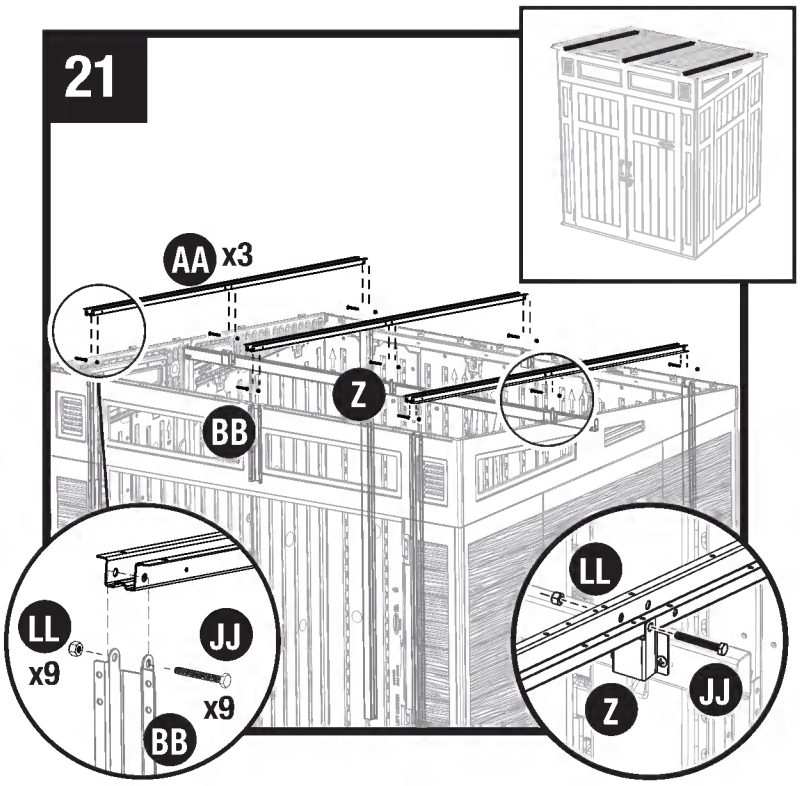


Place ridge beam (DD) on top of the side adapters. Secure with one bolt (JJ) and one nut (LL) at each end of the ridge beam.



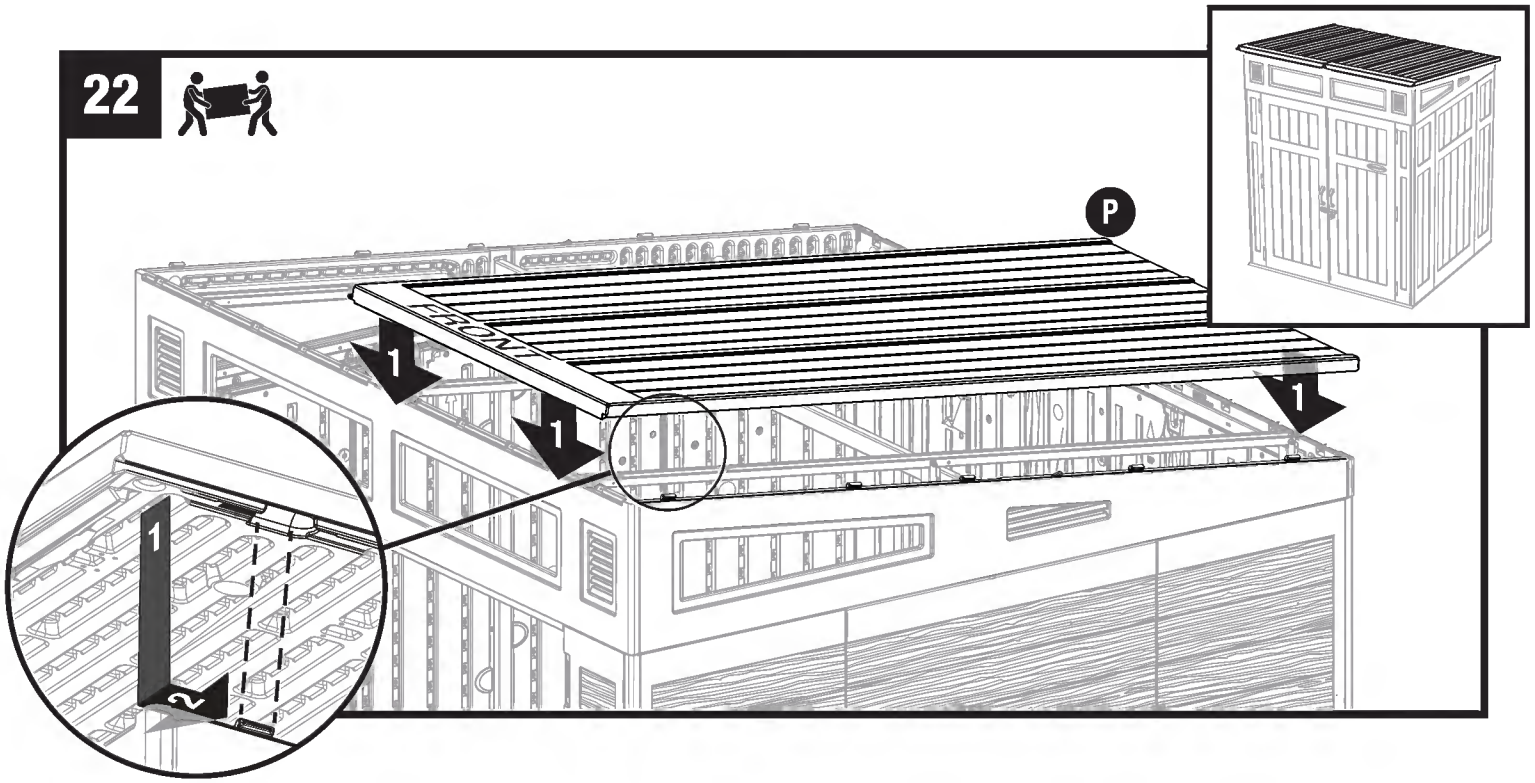
Attach three support brackets (Z) to the front of the ridge beam (DD) using two screws (NN).

Note: Critical connection, screws will be difficult to get started in the steel ridge beam



Place one truss leg (AA) over the side adapters and support bracket on the rear header, ridge beam, and the front header. Secure into the three brackets with bolts (JJ) and nuts (LL).

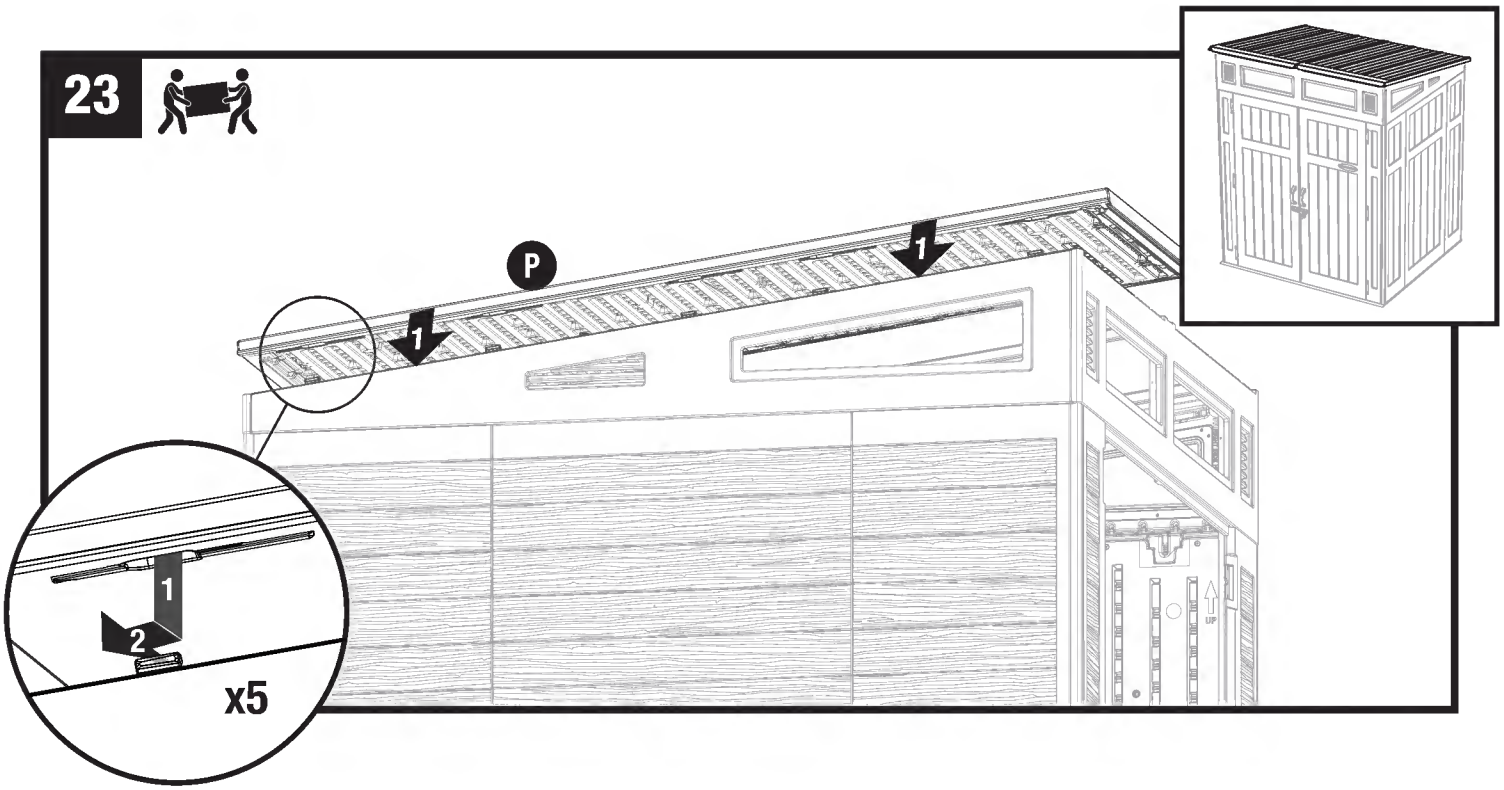
Repeat for the remaining two truss legs (AA).



Line up one roof panel (P) with the right side header so the tabs on the header align with the four slots in the roof panel.

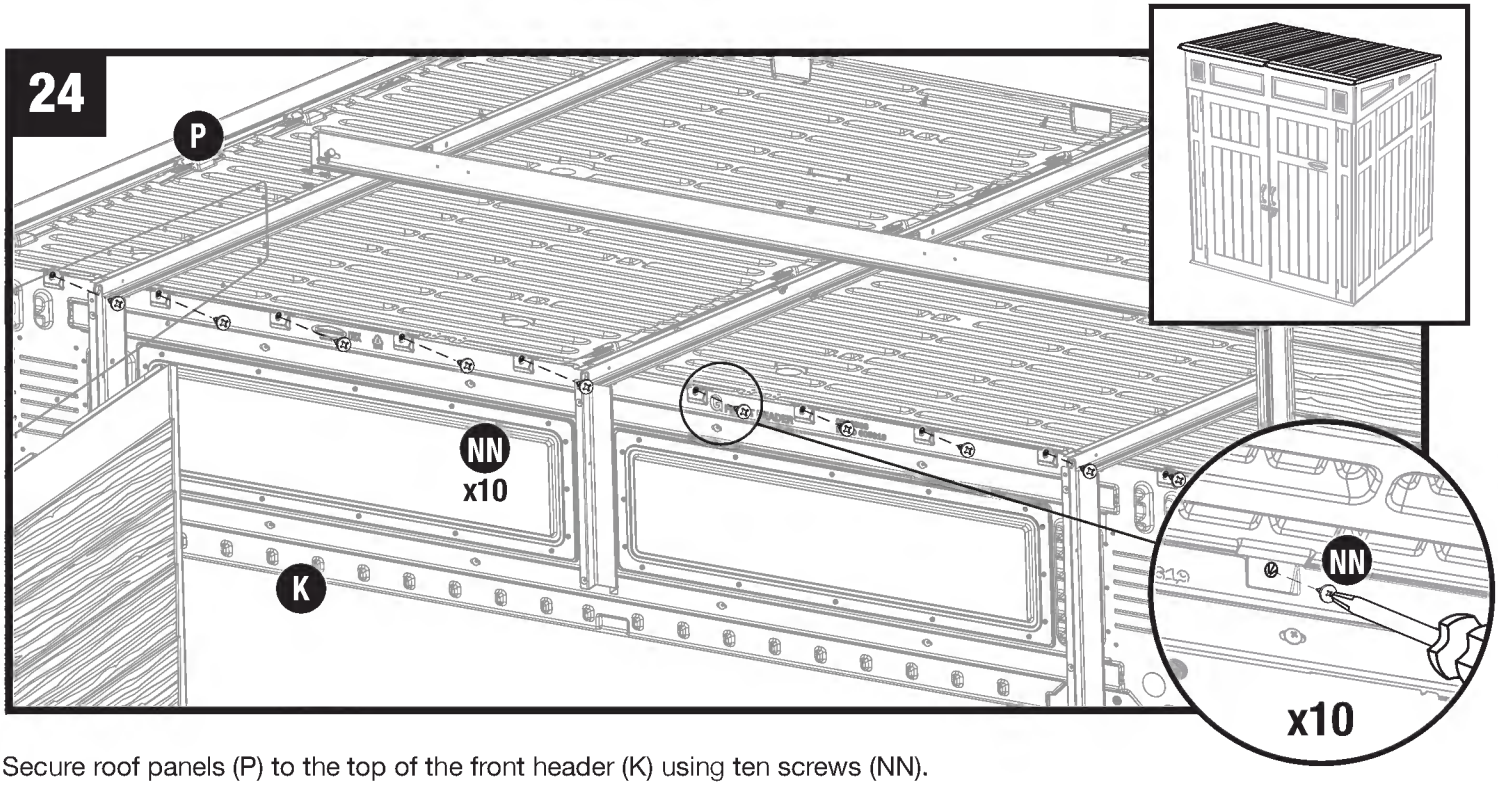
Note: The wide band on the roof panel faces front. Once the panel is engaged, slide the roof toward the back wall to fully engage the attachment features.

Note: Have a second person hold down roof while sliding the roof.

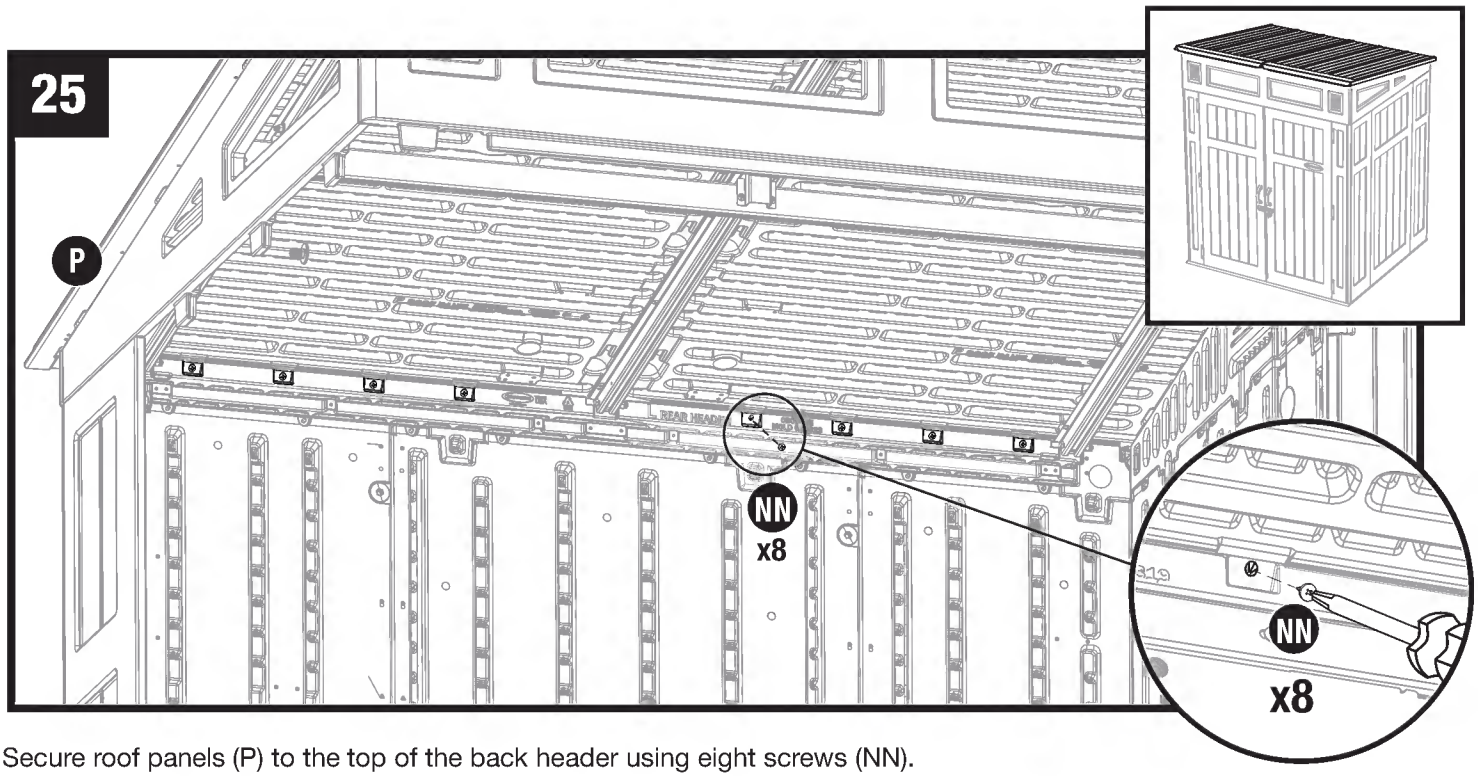


Line up the remaining roof panel (P) on the left side header with header tabs fitting into roof panel slots. Slide the roof panel toward the back wall to fully engage the five attachment features.

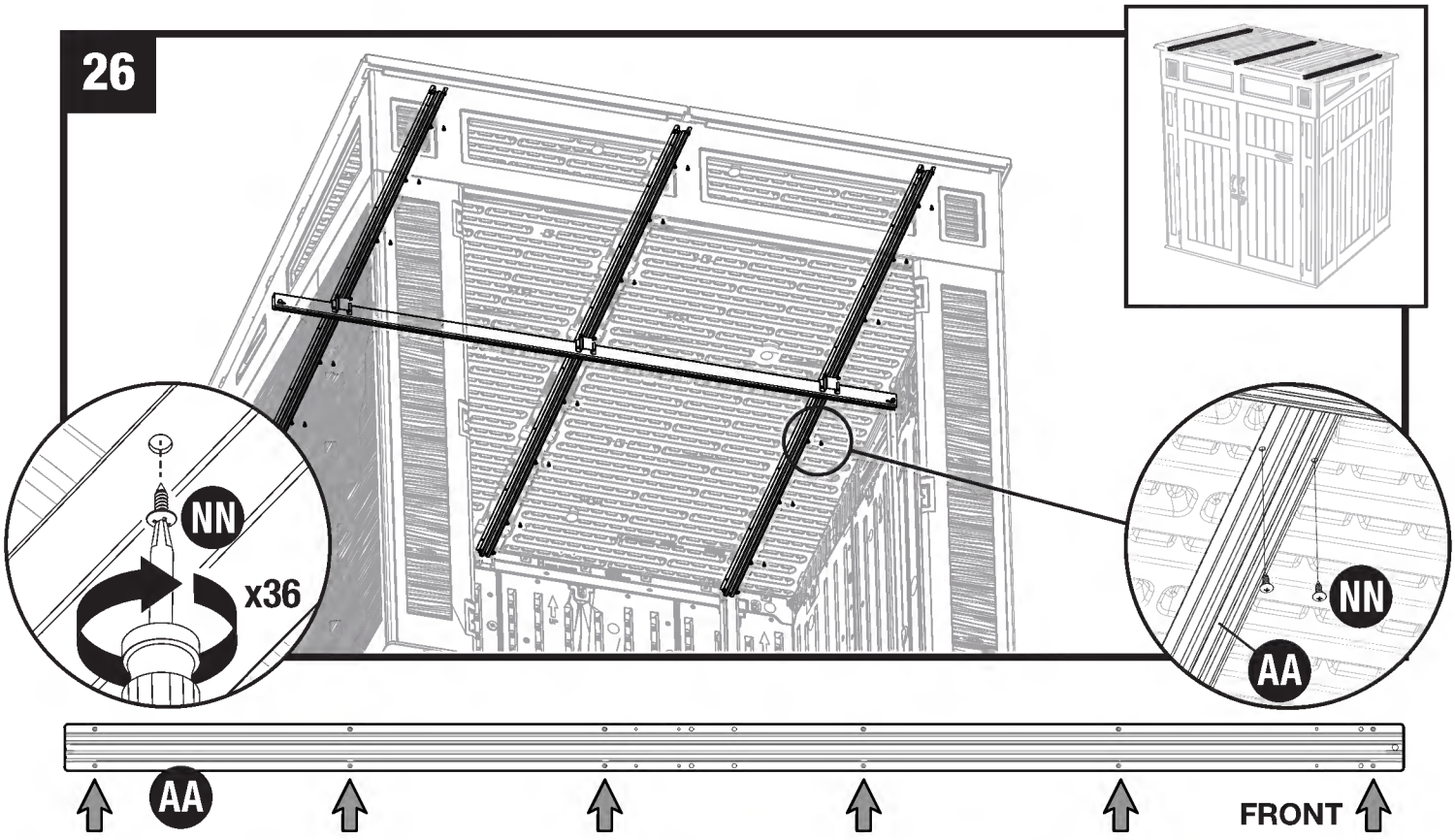
Note: Have a second person hold down roof while sliding the roof.



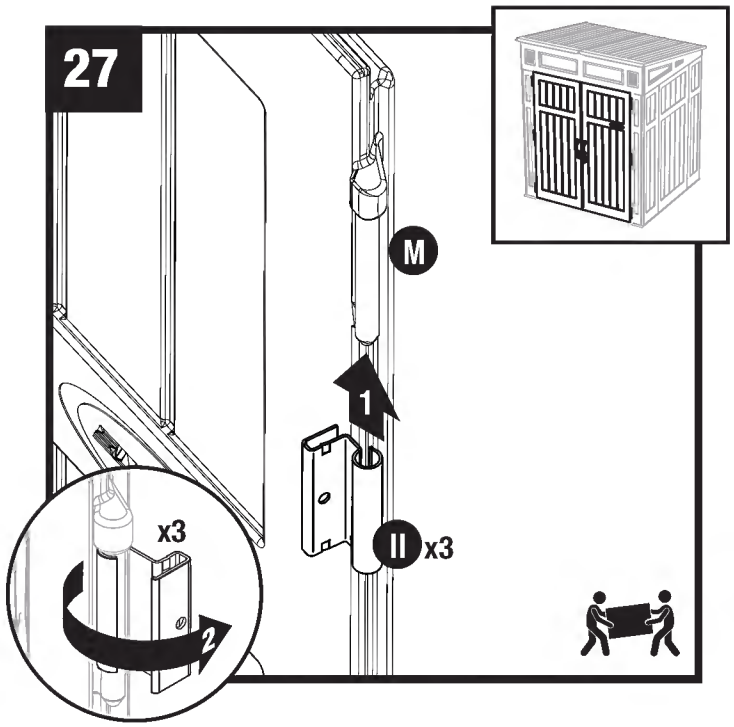
Secure roof panels (P) to the top of the front header (K) using ten screws (NN).



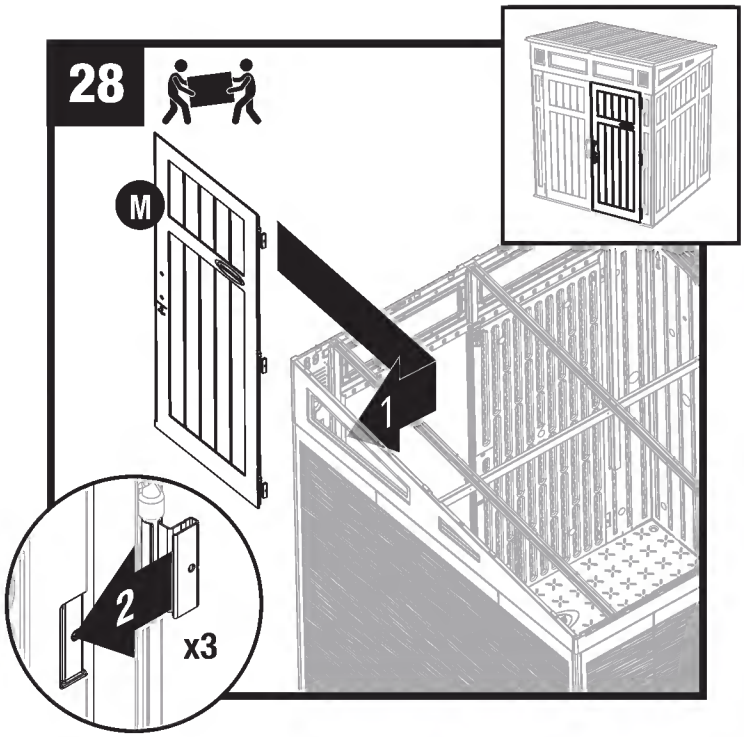
Secure roof panels (P) to the top of the back header using eight screws (NN).



Each truss leg (AA) is secured to the roof panels (P) with 12 screws (NN) in hole locations indicated by arrows.

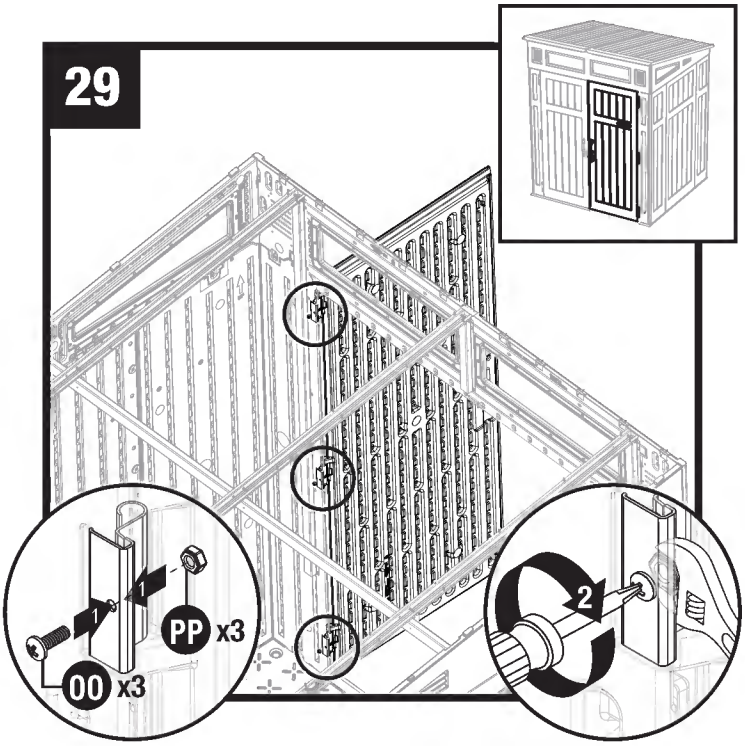


Stand right door (M) upright with three hinge mounts facing right. Slide one metal hinge plate (II) up onto each hinge mount. Rotate hinges to outside of door.



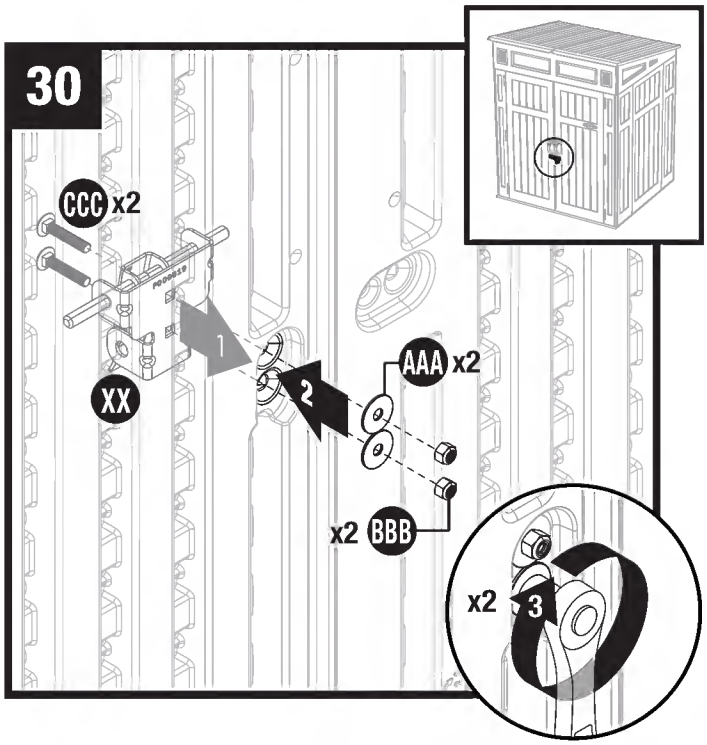
With metal hinge plates in open position, slide one hinge over each hinge receptacle on inside of right front panel.

Note: Use a rubber mallet if necessary.

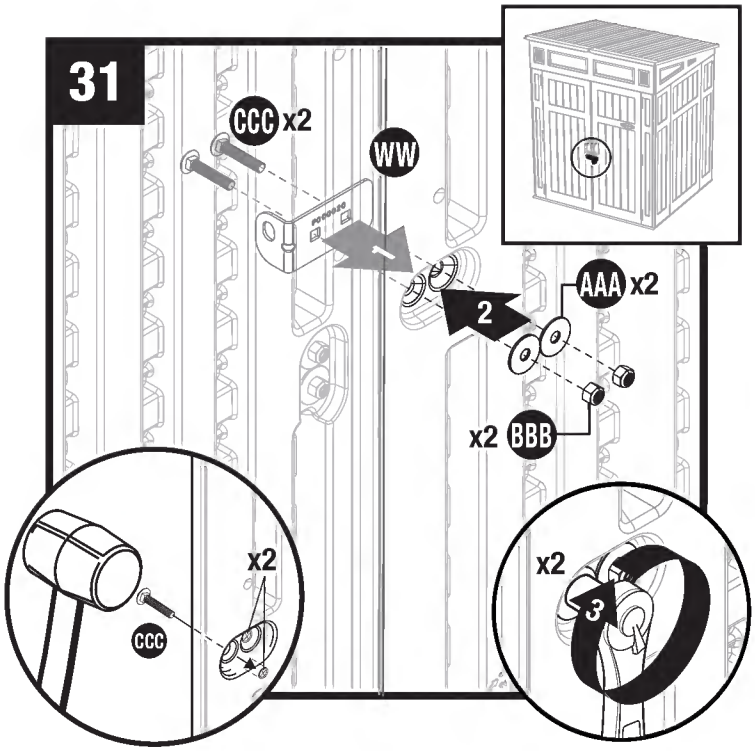


Secure each metal hinge plate with one screw (OO) and one locking nut (PP).

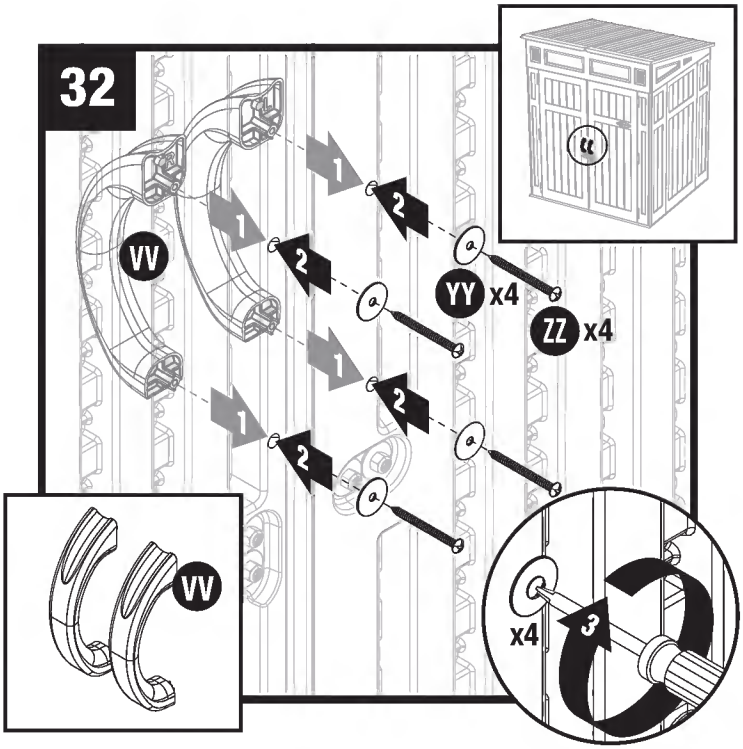
Repeat Steps 27-29 for left door (N).



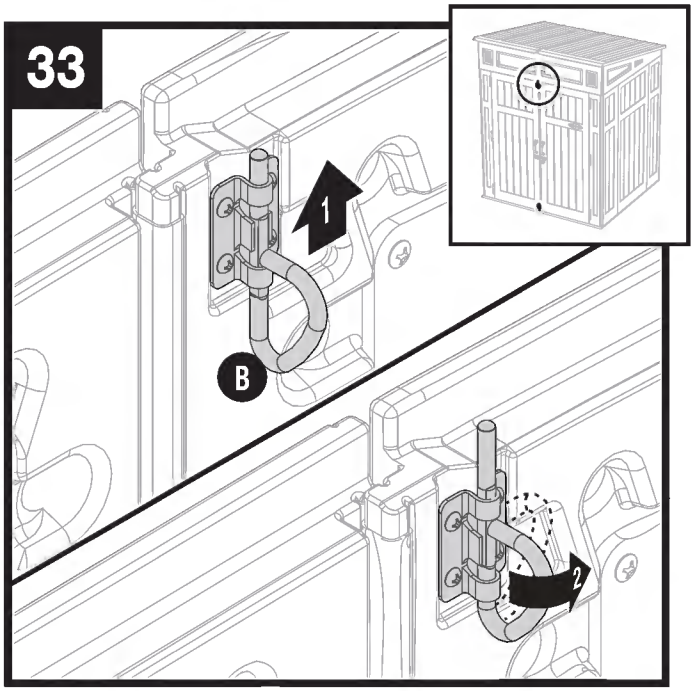
Insert two screws (CCC) into right latch plate (XX) and through right door. While holding plate in place on exterior of door, secure each screw with two washers (AAA) and two locking nuts (BBB). Do not overtighten.



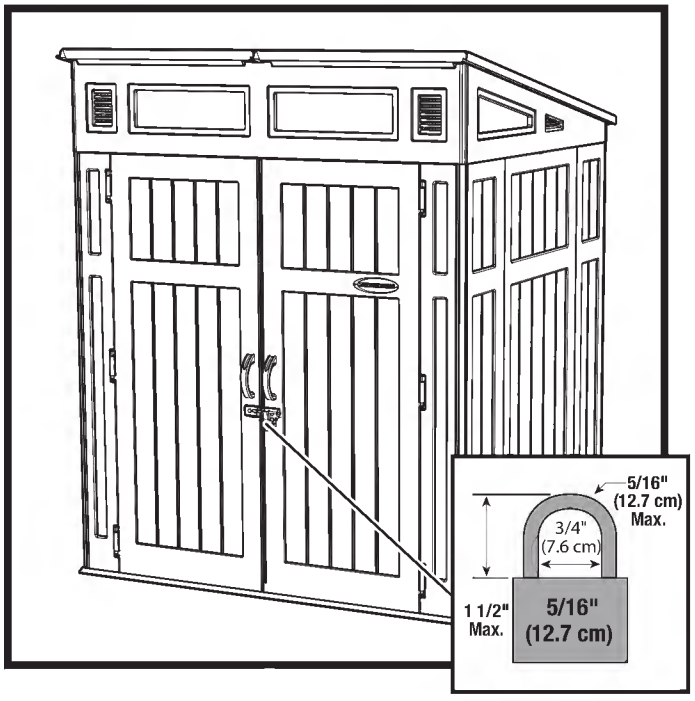
Insert screws (CCC) into left latch plate (WW) and through left door. While holding plate in place on exterior of door, secure each screw with two washers (AAA) and two locking nuts (BBB). Do not overtighten.



From the outside of doors, insert door handle (VV) stems into holes of left and right doors. On inside of doors, place washers (YY) on each door handle stem, and secure each with one screw (ZZ). Do not overtighten.



Lift upper D-ring (T) up to engage in front of header. Turn D-ring to right for locked position. Repeat with lower D-Ring (T).



Attach a 5/16" padlock (not provided) through door latch to properly secure shed.

Note: To maintain warranty coverage, the product should be padlocked at all times when not in use.

Assembly - Tool Hanger

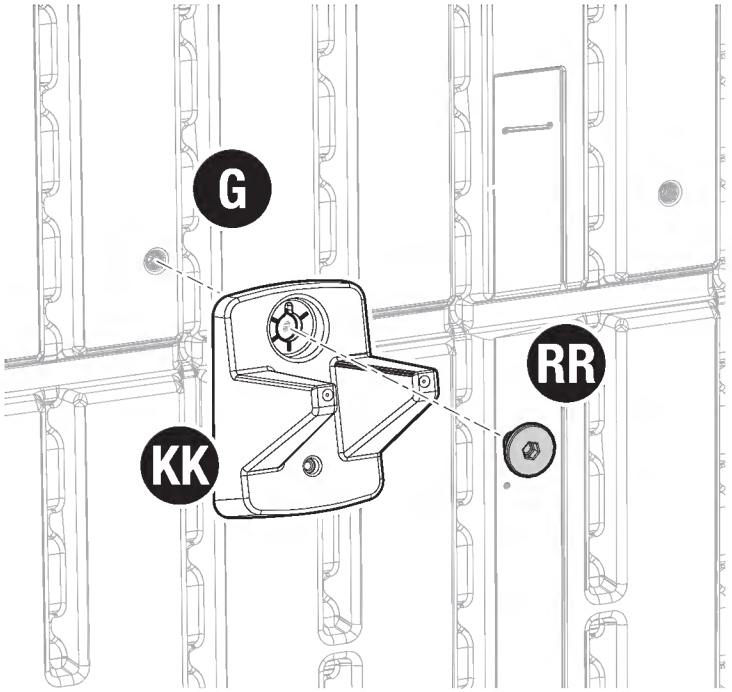
Important: Only use the Easy bolt hole in the hanger (KK) when mounting to shed panels.

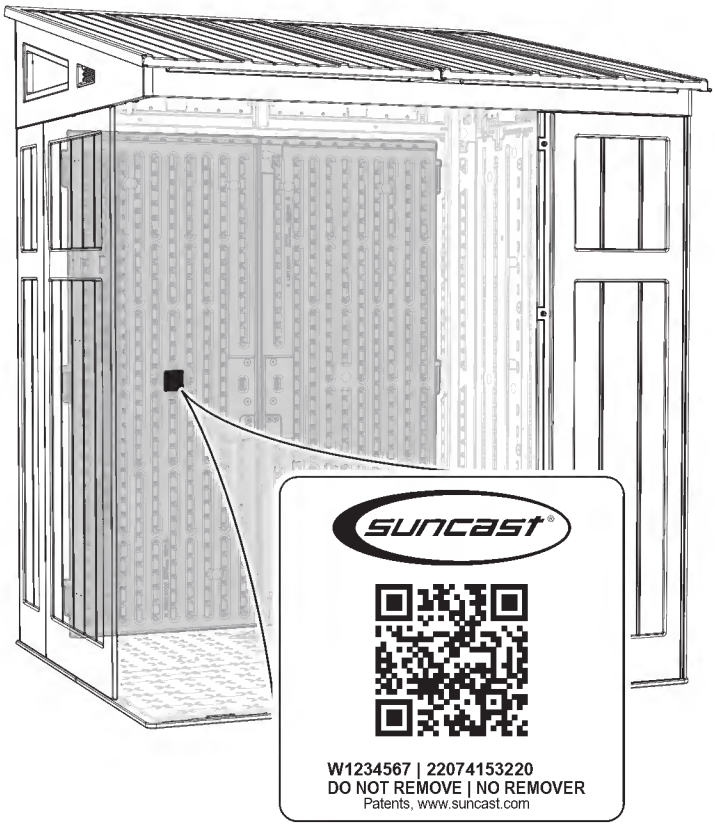
Easy Bolt Installation

Align the hanger (KK) with the desired shed wall hole. Insert one Easy bolt (RR). The Easy bolt should click 2-3 times to be fully installed.

Toggle Bolt Installation

If installing hanger using included toggle bolt and washer, refer to instructions included in hardware bag.





The label located on the inside of the door contains information regarding your product. The QR code is a direct link to the product registration page on the Suncast website. The codes at the bottom of the label are specifically related to your product. Please have these numbers available should you need to contact Suncast.

suncast