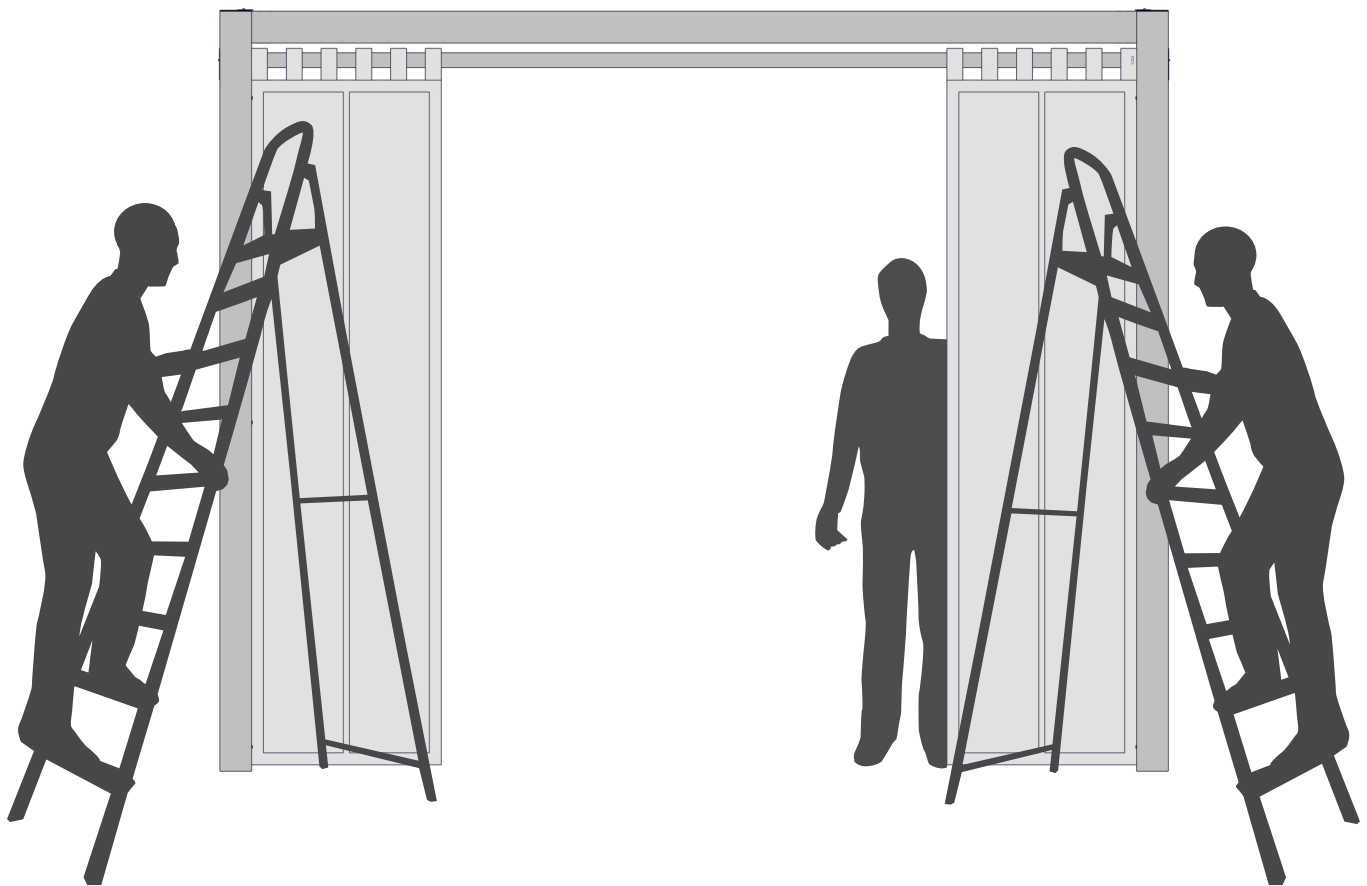


TUUCI | Equinox Manual assembly instructions

2 LADDERS; MINIMUM HEIGHT 14'
ASSEMBLY REQUIRES 3 PEOPLE



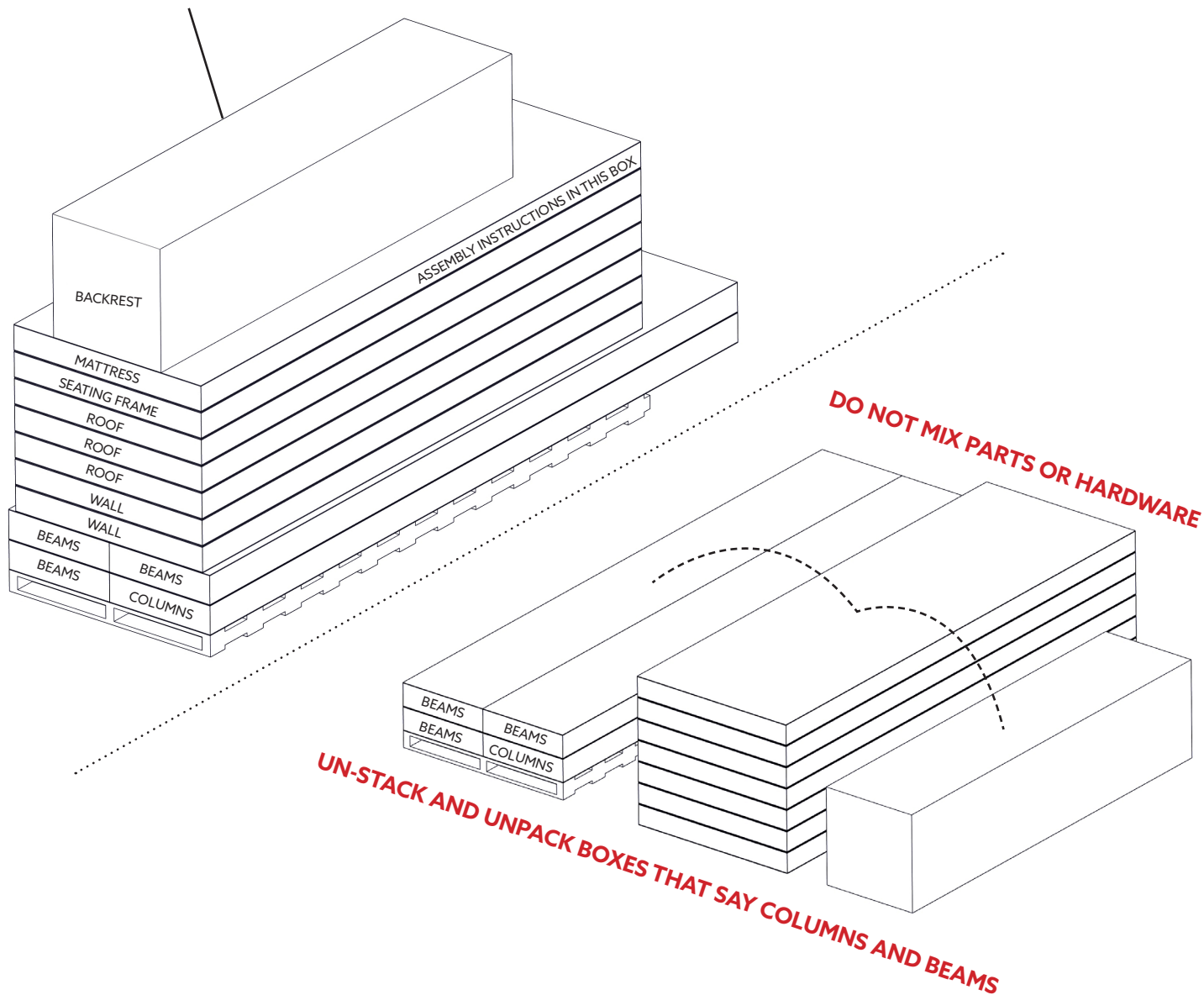
WT# _____

MUST READ INSTRUCTIONS

DO NOT FULLY TIGHTEN HARDWARE UNTIL THE END OF INSTALLATION

READ BOX LABELS TO UNPACK

TYPICAL SHIPMENT STACKING



TOOLS NEEDED

(images are not to scale)

9/16" or 14mm Socket
with a 3/4" wrench

Rubber mallet

7/32" Allen key



Phillips screw driver



5/32" allen key



3/16" allen key



5/16" allen key



locking vice grips pliers



DO NOT FULLY TIGHTEN HARDWARE UNTIL THE END OF INSTALLATION

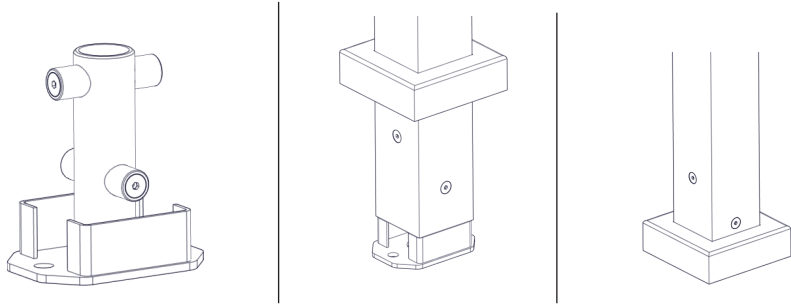
STEPS TO ASSEMBLE CABANA

DO NOT FULLY TIGHTEN HARDWARE UNTIL THE END OF INSTALLATION

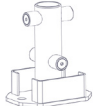

- 1** INSTALL BASE MOUNT
- 2** ASSEMBLE COLUMNS & BEAMS
IF APPLICABLE CONNECT ALL ELECTRICAL
- 3** IF APPLICABLE
ASSEMBLE SEATING
- 4** ASSEMBLE ROOF
- 5** ASSEMBLE SIDE WALL
- 6** FULLY TIGHTEN ALL SCREWS
TIGHTEN AT THE END OF INSTALLATION

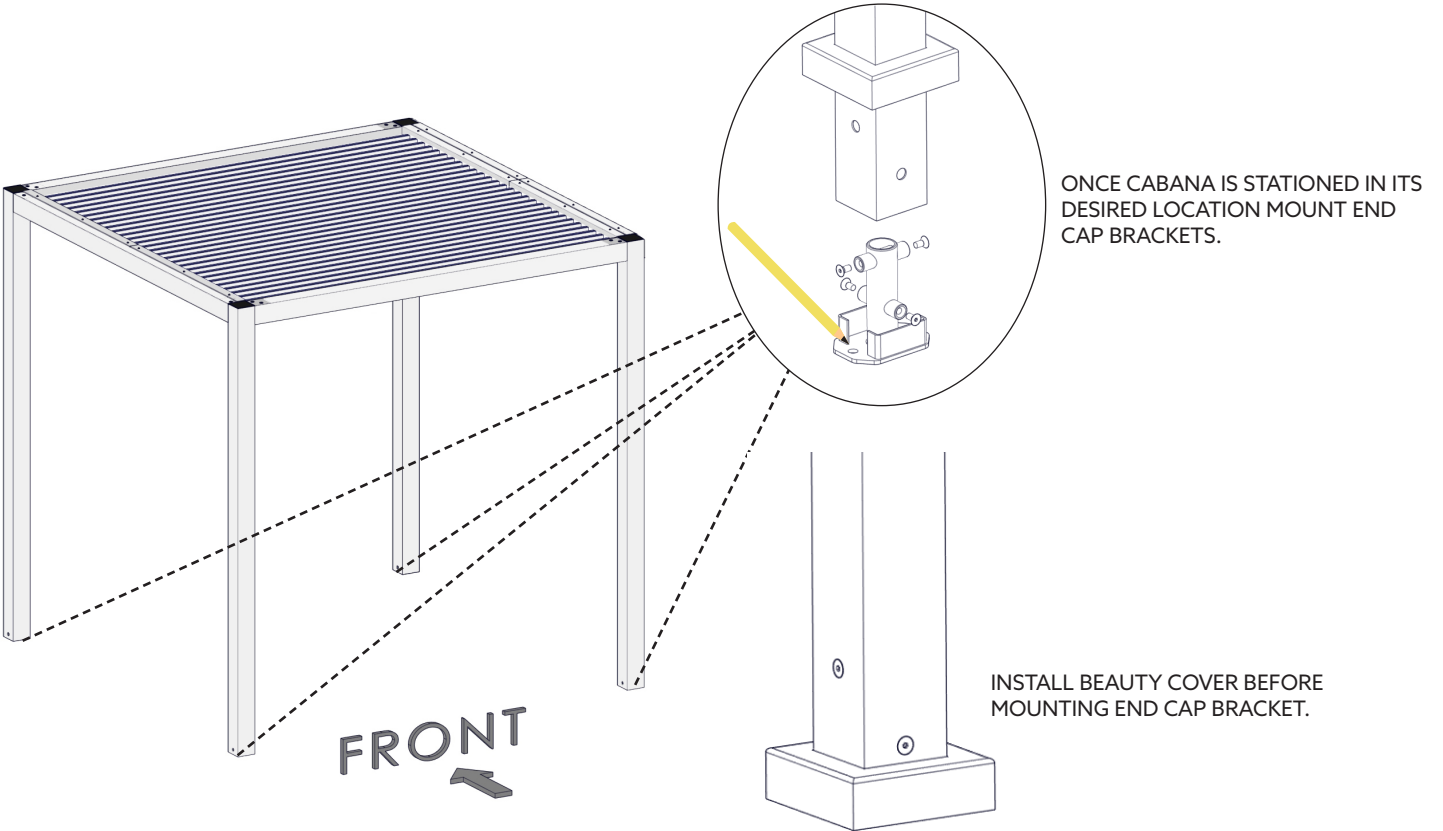
1

COLUMN END CAP BRACKET



HARDWARE AND TOOLS REQUIRED







DESCRIPTION	QTY	
COLUMN END CAP BRACKET	4	
1/2-13" X 3/4" FLAT SOCKET	4 (PER COLUMN)	
MOVING BLANKETS	2 (SUGGESTED)	NOT INCLUDED









1

9" X 9" STAINLESS STEEL BOTTOM PLATE BASE MUST BE INSTALLED PRIOR TO ASSEMBLING THE CABANA.

HARDWARE AND TOOLS REQUIRED

DESCRIPTION	QTY	PART
9"X9" STAINLESS STEEL BASE PLATE	4	
LEVELING BASE	4	
1/2-13" X 3/4" FLAT SOCKET	4 (PER COLUMN)	
1/2"-13 X 2" HEX TAP BOLT WASHER / LOCK WASHER	4 (PER BASE)	
COUNTER-SUNK BOLT 1/2" X 1-1/4"	8 (PER PLATE)	
ANCHOR PUNCH 1/4"	1	

DESCRIPTION	QTY	PART
EXPANSION ANCHOR	8 (PER BASE)	
DRILL GUN NOT INCLUDED	1	
DRILL BITS 1" NOT INCLUDED	1	
DRILL BITS 5/8" NOT INCLUDED	1	
CHALK LINE REEL NOT INCLUDED	1	
HAMMER NOT INCLUDED	1	

CONCRETE SPECIFICATIONS: 4000PSI, 4" THICK AND A MINIMUM OF 6" FROM THE CONCRETE EDGE

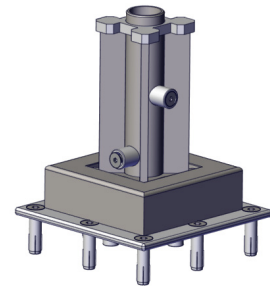
Step 1

Select your cabana dimension from the table below.

Note: For custom sizes see supplemental engineering layout for correct custom dimensions.

EQUINOX CABANA SIZE	DIM A	DIM B	DIM C
8' SQUARE	92" / 233.7 cm	92" / 233.7 cm	130" / 330 cm
10' SQUARE	116" / 294.6 cm	116" / 294.6 cm	164" / 416 cm
12' SQUARE	140" / 355.6 cm	140" / 355.6 cm	198" / 503 cm
8' X 10' RECTANGLE	92" / 233.7 cm	116" / 294.6 cm	148" / 376 cm
8' X 12' RECTANGLE	92" / 233.7 cm	140" / 355.6 cm	167.5" / 425 cm
10' X 12' RECTANGLE	116" / 294.6 cm	140" / 355.6 cm	181" / 460 cm

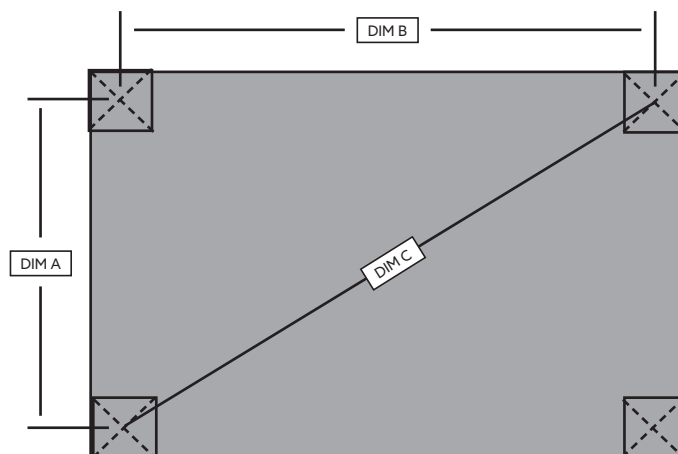
*maximum tolerance .25"



Step 2

Mark the center locations for each column and their diagonal dimensions. Using the chalk line (not included), trace the line from center of each mark.

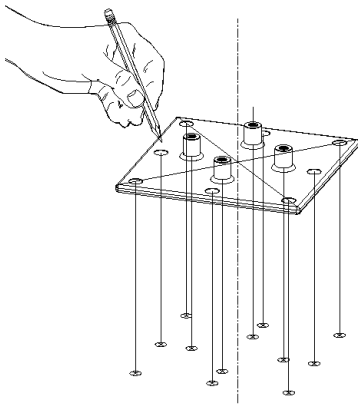
Attention: Accuracy in diagonal dimensions are crucial to ensure the proper alignment of cabana.



1

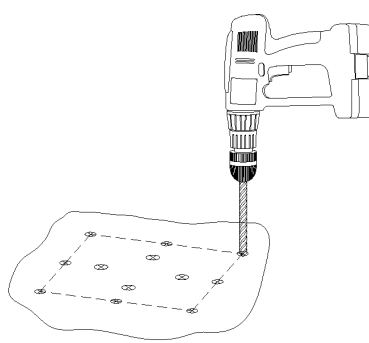
9" X 9" STAINLESS STEEL BOTTOM PLATE

BASE MUST BE INSTALLED PRIOR TO ASSEMBLING THE CABANA.



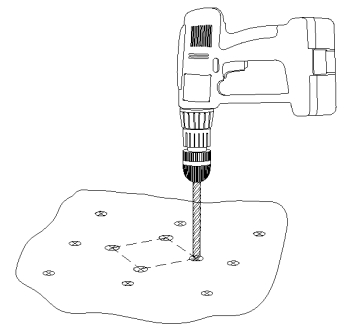
Step 3

Turn 9"x9" plate over and place on the floor aligning the holes perpendicular to the chalk lines, as shown in step 2. Use the 9"x9" plate as a template mark each hole.



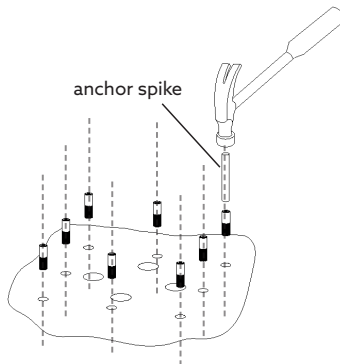
Step 4

Use a 5/8" diameter drill bit and drill 2-1/4" deep to create the 8 parameter holes.



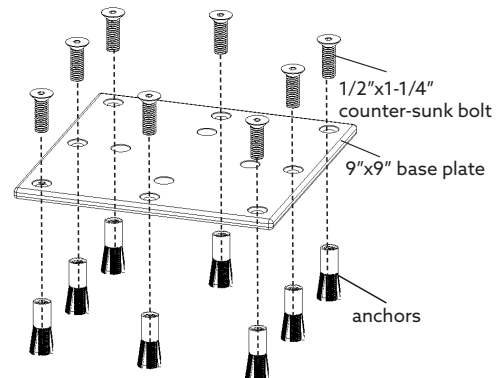
Step 5

Use a 1" diameter drill bit and drill 1-1/2" deep to create the 4 inner holes.



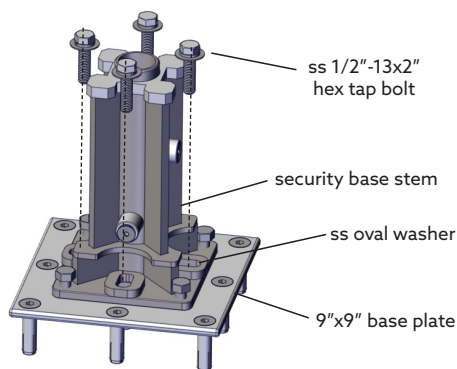
Step 6

Clean holes from debris and place anchors in each hole making sure the anchor is below the surface. Use the anchor spike to set the anchors in place.



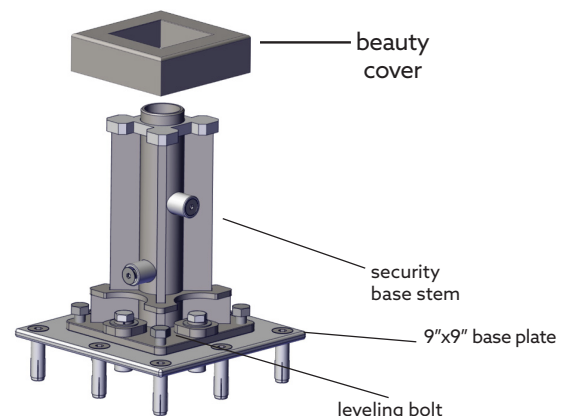
Step 7

Install 9"x9" base plate by using 1/2" x 1-1/4" counter sunk bolt and tighten securely.



Step 8

Place the security base stem on the 9"x9" base plate and insert the 4 hex bolts 1/2" into the 9"x9" base plate through the oval washers.



Step 9





Using a level tool (not included), adjust security base stem with the leveling bolts and add beauty cover.






1

IN GROUND SECURITY MOUNT (IGSM)

BASE MUST BE INSTALLED PRIOR TO ASSEMBLING THE CABANA.

HARDWARE AND TOOLS REQUIRED

DESCRIPTION	QTY	PART
IN GROUND SECURITY MOUNT (IGSM)	4	
LEVELING BASE	4	
1/2-13" X 3/4" FLAT SOCKET	4 (PER COLUMN)	
1/2"-13 X 2" HEX TAP BOLT WASHER / LOCK WASHER	4 (PER BASE)	

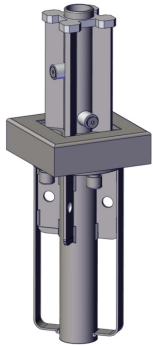
DESCRIPTION	QTY	PART
DRILL GUN NOT INCLUDED	1	
DRILL BITS 1" NOT INCLUDED	1	
DRILL BITS 5/8" NOT INCLUDED	1	
CHALK LINE REEL NOT INCLUDED	1	
HAMMER NOT INCLUDED	1	

Step 1

Select your cabana dimension from the table below.
 Note: **For custom sizes see supplemental engineering layout for correct custom dimensions.**

EQUINOX CABANA SIZE	*DIM A	*DIM B	*DIM C
8' SQUARE	92" / 233.7 cm	92" / 233.7 cm	130" / 330 cm
10' SQUARE	116" / 294.6 cm	116" / 294.6 cm	164" / 416 cm
12' SQUARE	140" / 355.6 cm	140" / 355.6 cm	198" / 503 cm
8' X 10' RECTANGLE	92" / 233.7 cm	116" / 294.6 cm	148" / 376 cm
8' X 12' RECTANGLE	92" / 233.7 cm	140" / 355.6 cm	167.5" / 425 cm
10' X 12' RECTANGLE	116" / 294.6 cm	140" / 355.6 cm	182" / 462 cm

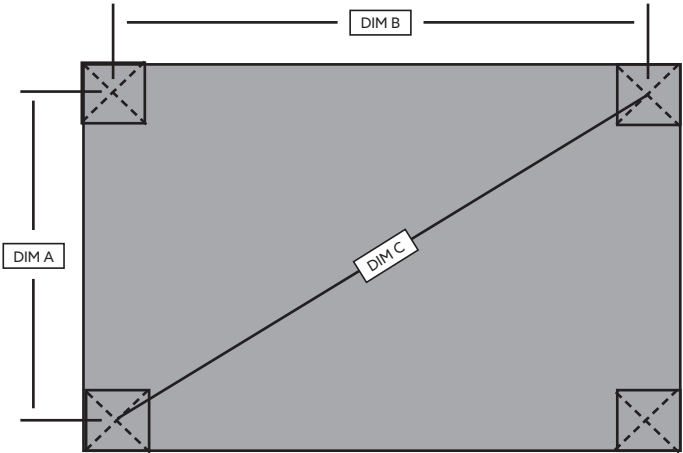
*maximum tolerance .25"



Step 2

Mark the center locations for each column and their diagonal dimensions. Using the chalk line (not included), trace the line from center of each mark.

Attention: Accuracy in diagonal dimensions are crucial to ensure the proper alignment of cabana.



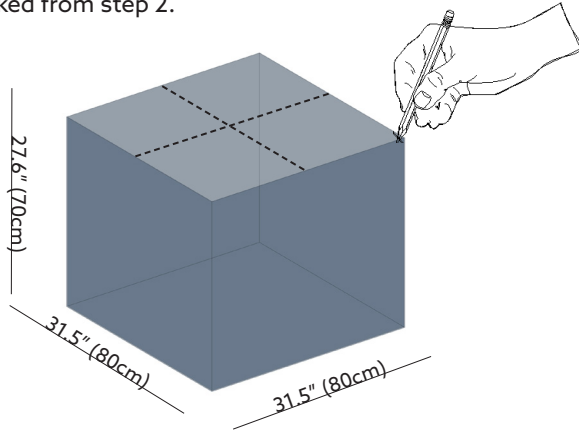
1

IN GROUND SECURITY MOUNT (IGSM)

BASE MUST BE INSTALLED PRIOR TO ASSEMBLING THE CABANA.

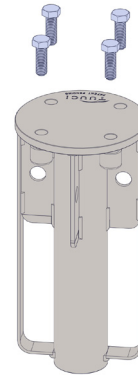
Step 3

Draw IGSM concrete foundation guide with chalk using dimensions of 31.5" (80cm) x 31.5" (80cm) for each center marked from step 2.



Step 4

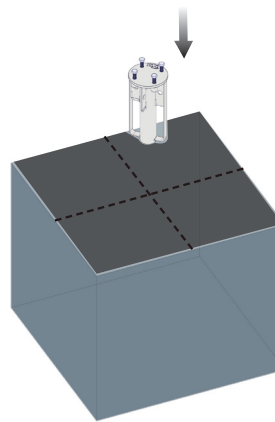
Insert 1/2" mounting bolts to in-ground base mount (4-places).



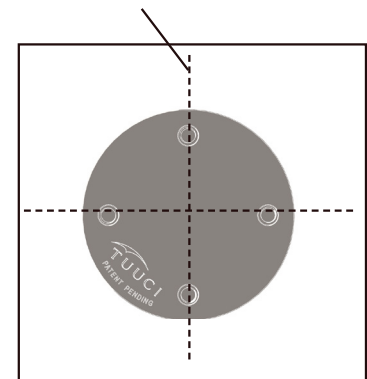
Step 5

Pour concrete and insert in-ground base mount (IGSM) thru center of the concrete slab.

Note: when inserting the IGSM, make sure the holes are lined up with the axis orientation as shown in step 2.



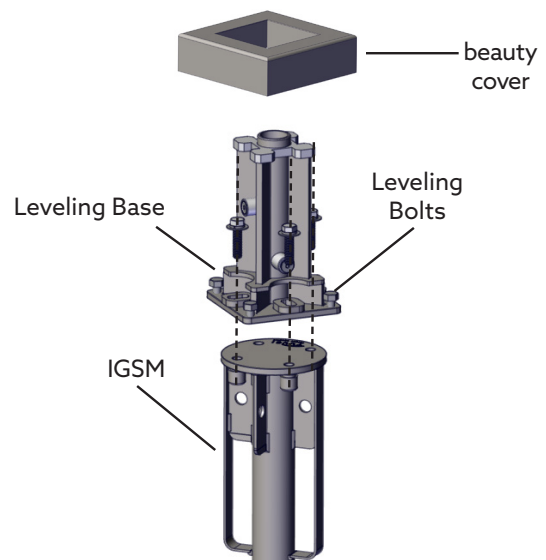
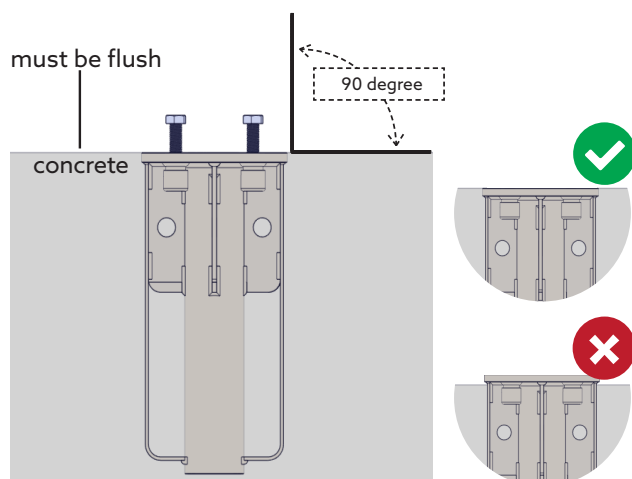
align hole axis perpendicular to equinox cabana's front and side edges



IGSM top view

Step 6

Make sure the top of the in-ground base is flush and level with the top of the concrete.



Step 7

Place the leveling base on the IGSM and mount with 1/2 inch bolts. Adjust leveling base with the leveling bolts and add beauty cover.

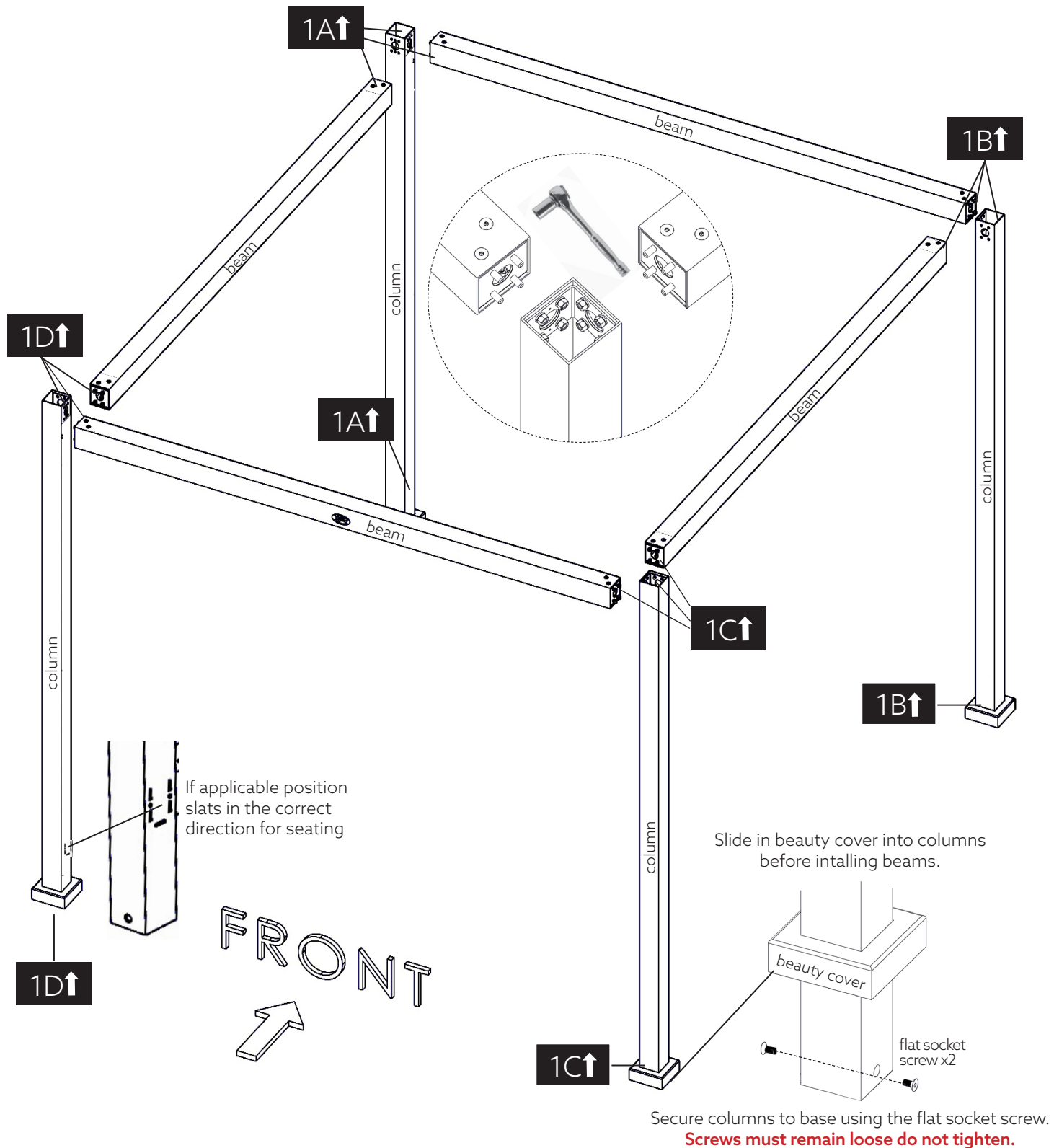
2

ASSEMBLE COLUMNS & BEAMS

LAY FLAT ON THE FLOOR. **MATCH/CONNECT ALL LABELS.**

UNSCREW PRE-ASSEMBLED NUTS TO CONNECT COLUMNS WITH BEAMS.

To prevent damage to the structure lay a soft cloth or cardboard on the floor when assembling.



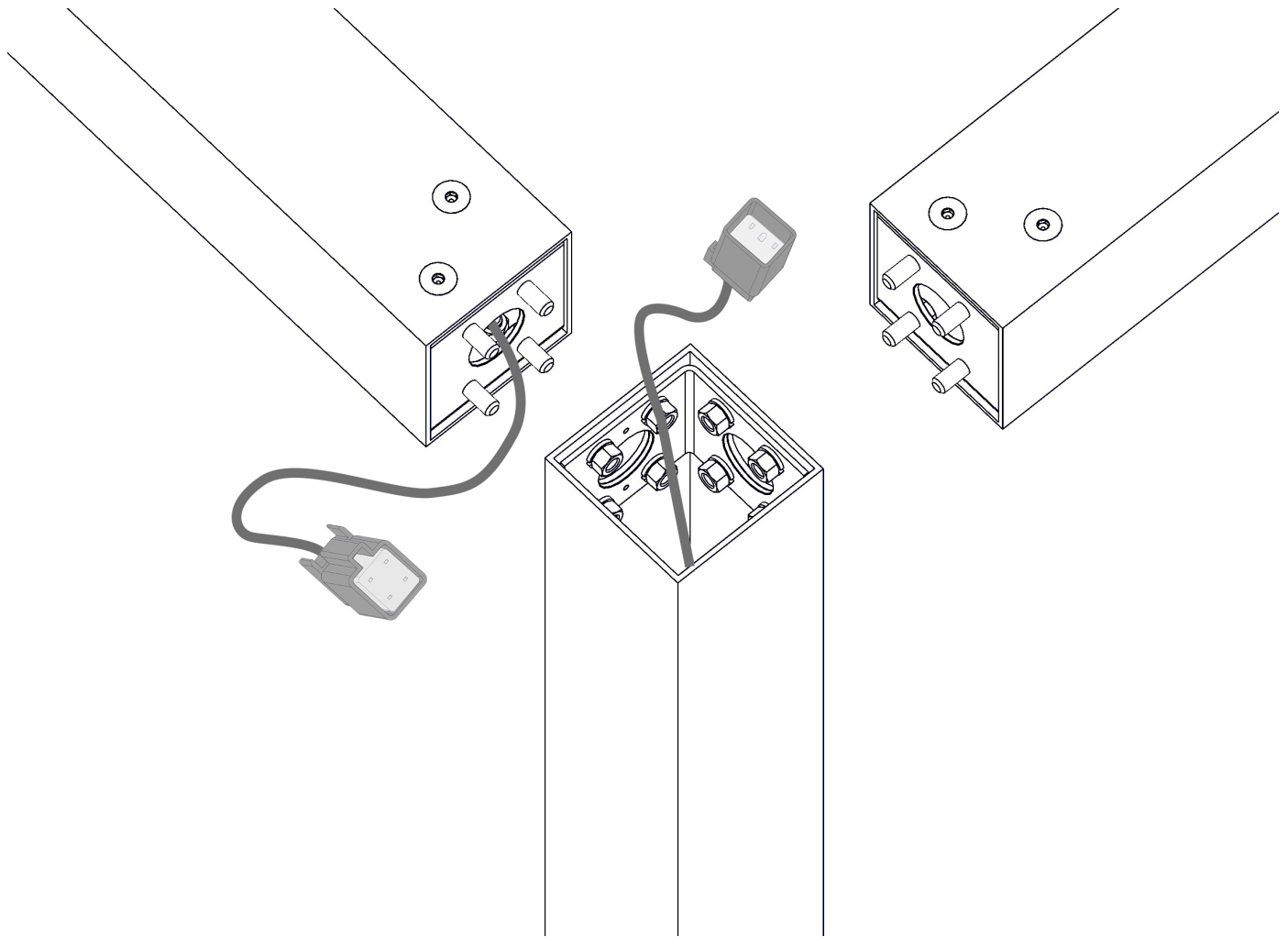
SEE PAGE 6 TO 8 FOR Step BY Step

DO NOT FULLY TIGHTEN HARDWARE UNTIL THE END OF INSTALLATION

2 IF APPLICABLE **CONNECT ALL ELECTRICAL**

PULL OUT WIRES COMING OUT OF THE COLUMNS AND BEAMS.
CONNECT ALL ELECTRICAL PLUGS WITH MATCHING LABELS.

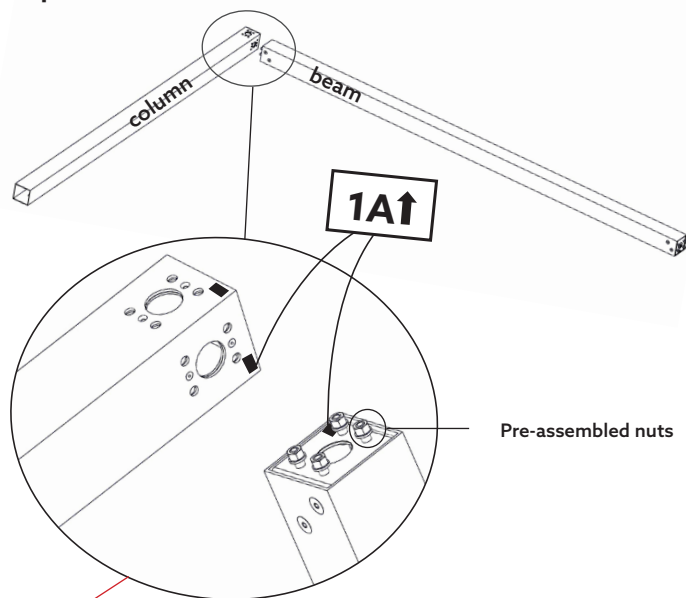
TEST ELECTRICAL IN TO OUTLET BEFORE ADDING ROOF.



DO NOT FULLY TIGHTEN HARDWARE UNTIL THE END OF INSTALLATION

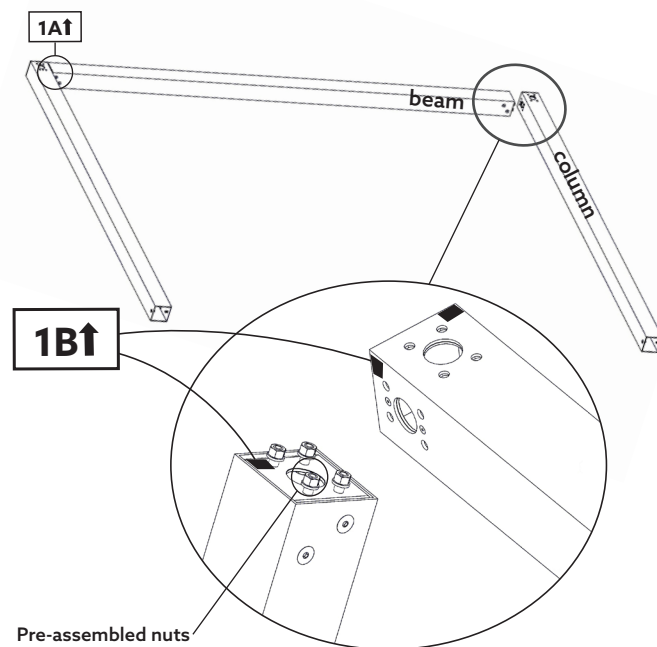
2 MATCH/CONNECT ALL LABELS.

Step 1

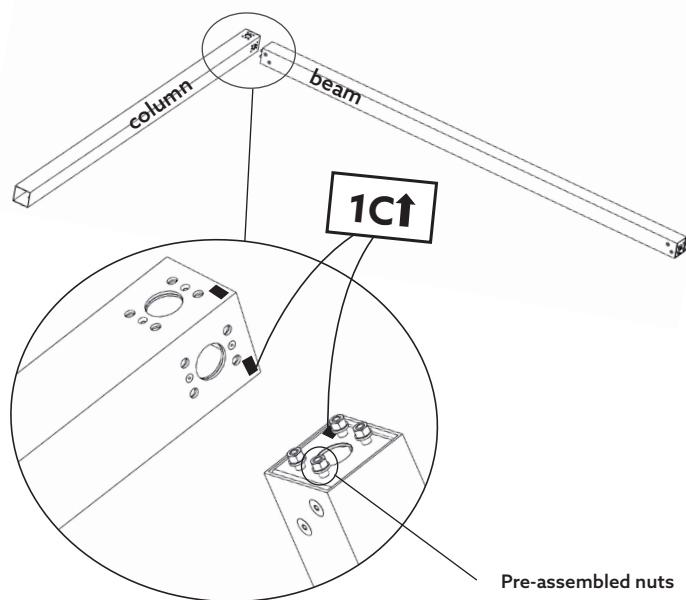


IF CABANA COMES WITH ELECTRICAL FEATURES PULL OUT THE WIRES COMING OUT OF THE COLUMNS AND BEAMS.

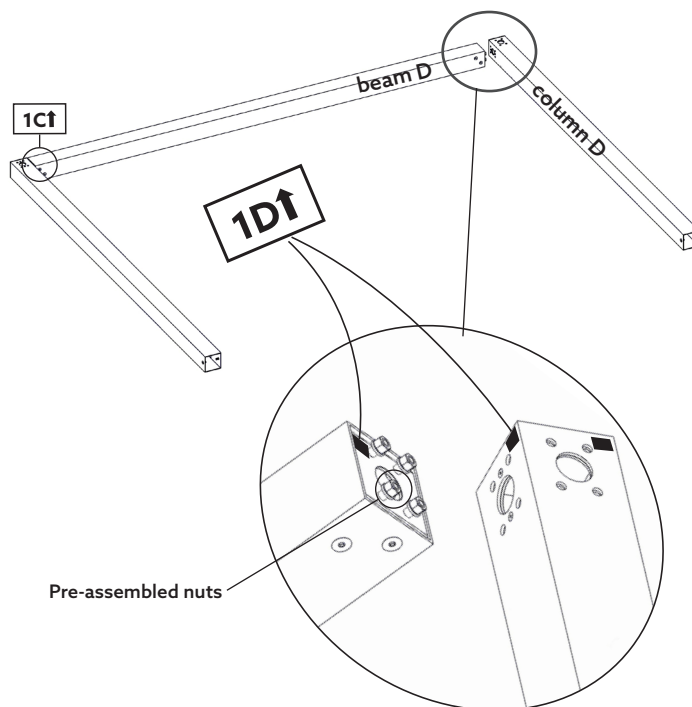
Step 2



Step 3



Step 4



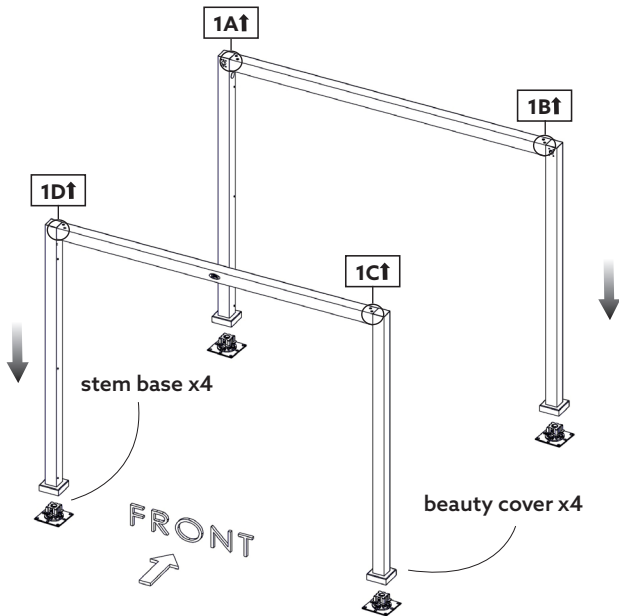
DO NOT FULLY TIGHTEN HARDWARE UNTIL THE END OF INSTALLATION

2

MATCH/CONNECT ALL LABELS.

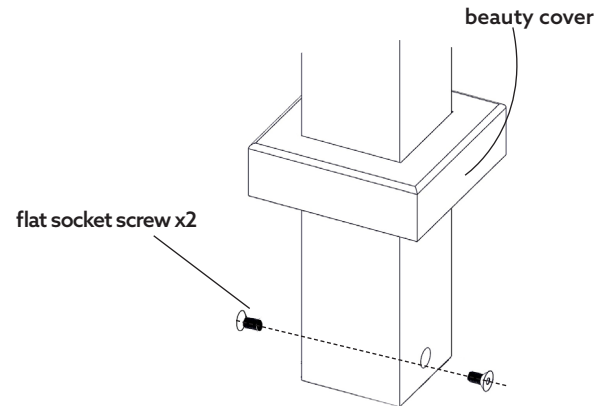
Step 5

Lift connected columns/beams upright and fasten to stem bases. Add beauty covers before mounting.

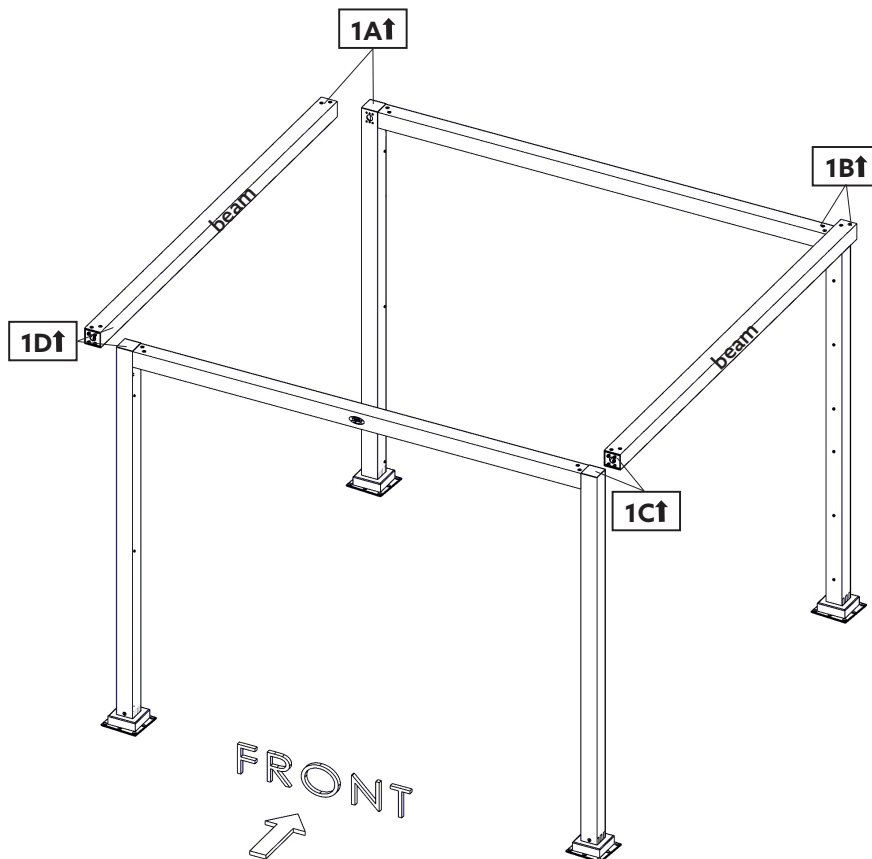


Step 6

Secure columns to base using the flat socket screw. Screws must remain loose do not tighten.



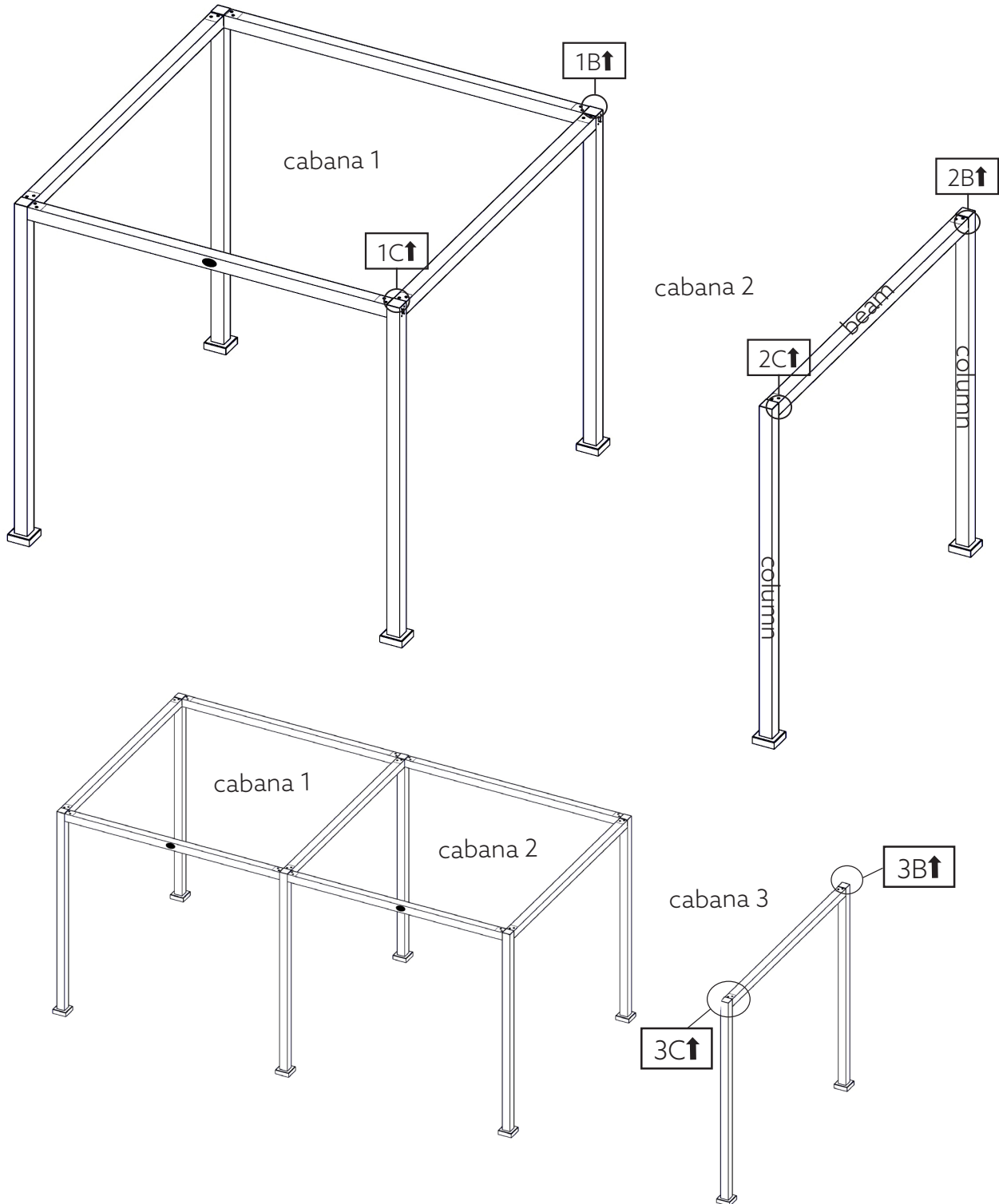
Step 7



DO NOT FULLY TIGHTEN HARDWARE UNTIL THE END OF INSTALLATION

2

IF APPLICABLE **CONNECTED CABANAS**



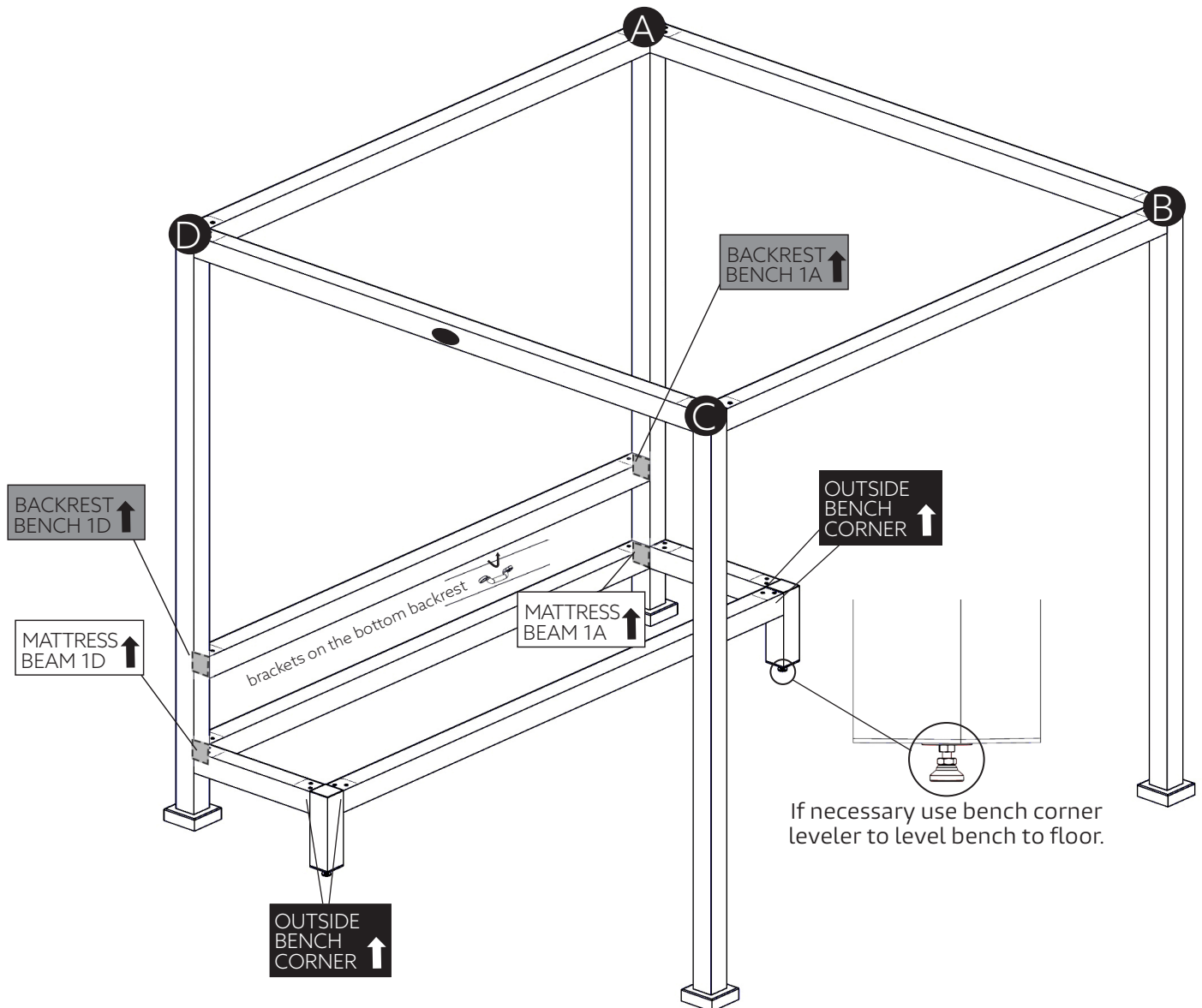
DO NOT FULLY TIGHTEN HARDWARE UNTIL THE END OF INSTALLATION

3

ASSEMBLE SEATING: LEFT BENCH

MATCH/CONNECT ALL LABELS

left bench is labeled as follows

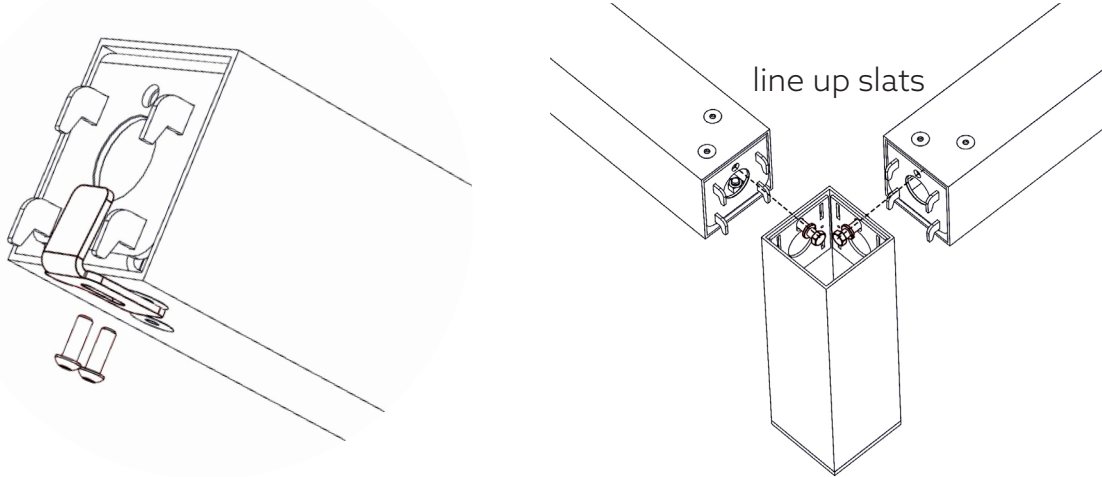


DO NOT FULLY TIGHTEN HARDWARE UNTIL THE END OF INSTALLATION

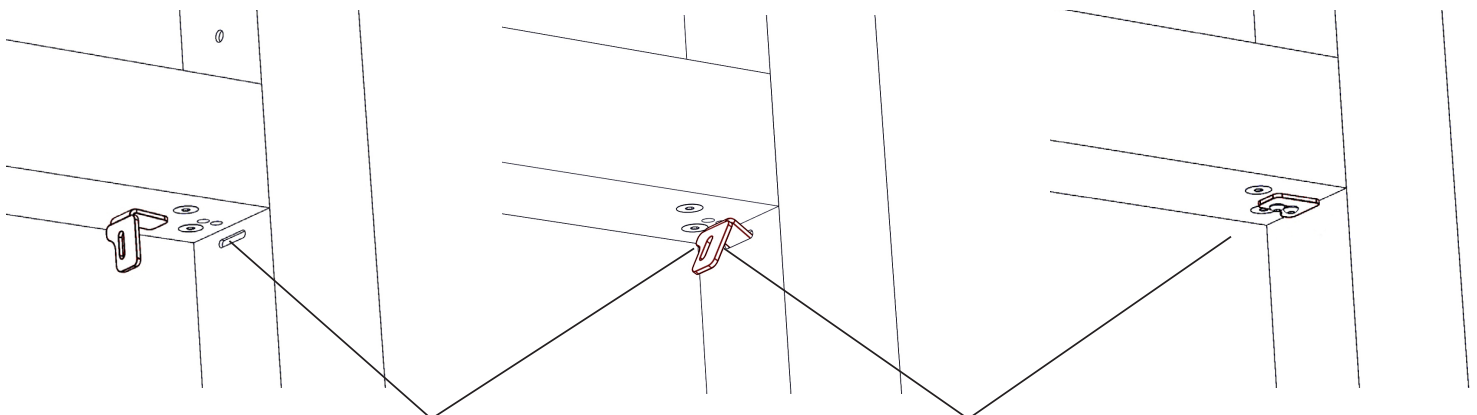
3

ASSEMBLE SEATING: LEFT BENCH

REMOVE METAL CLIP BEFORE INSTALLING BACKREST BENCH AND MATTRESS BEAM.

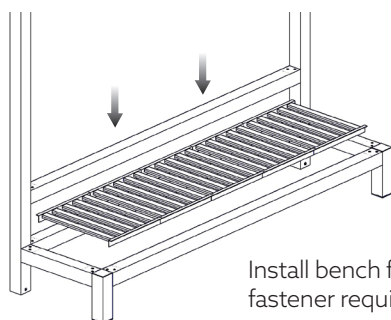


RE-INSTALL METAL CLIPS AND FASTEN TO BEAMS ONCE BACKREST BENCH AND MATTRESS BEAM ARE INSTALLED.

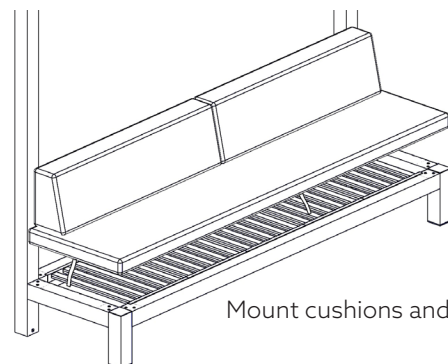


insert metal clip through open-slot

secure with screws



Install bench frames support panels (no fastener required).



Mount cushions and tie with straps.

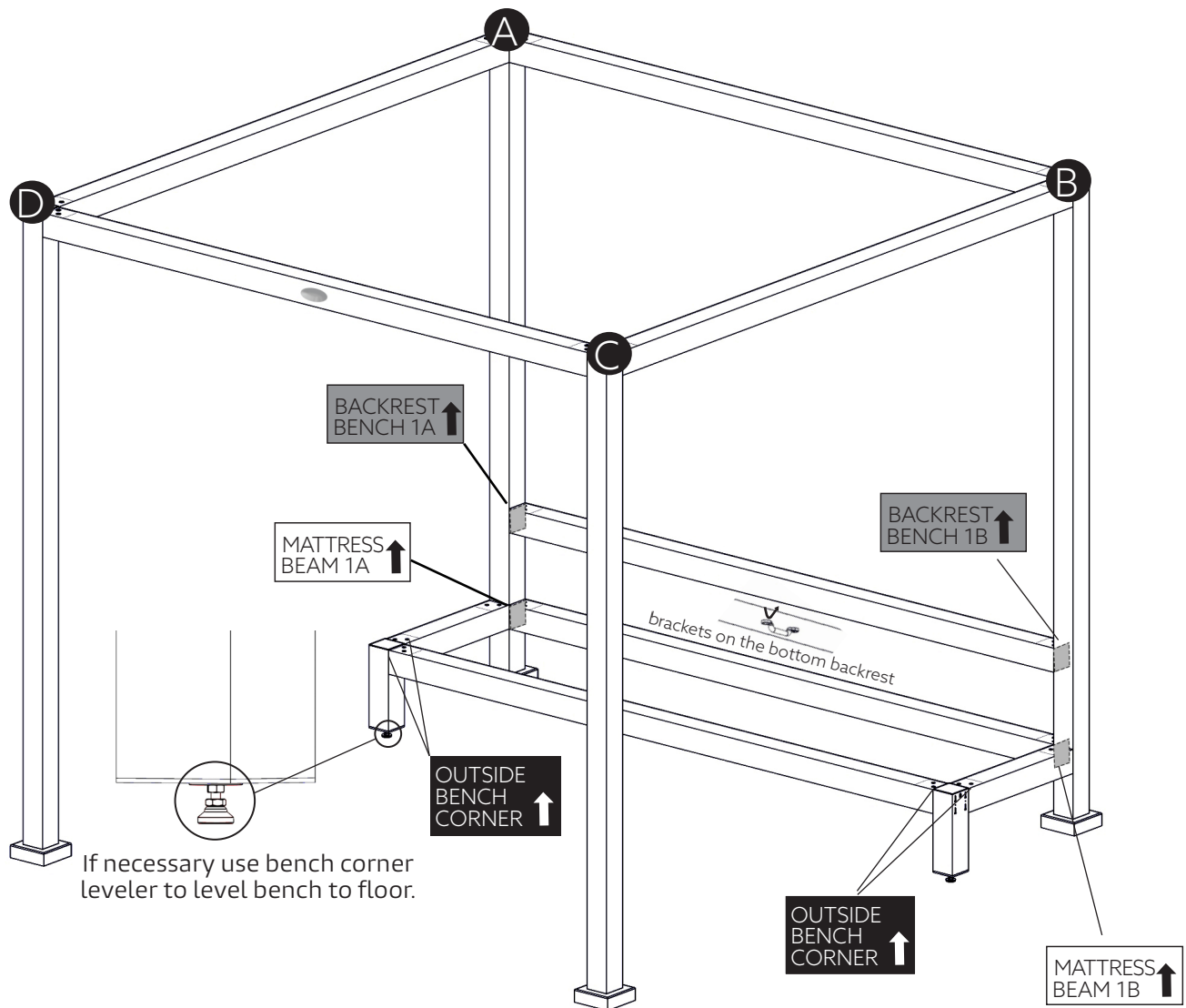
DO NOT FULLY TIGHTEN HARDWARE UNTIL THE END OF INSTALLATION

3

ASSEMBLE SEATING: REAR BENCH

MATCH/CONNECT ALL LABELS

rear bench is labeled as follows

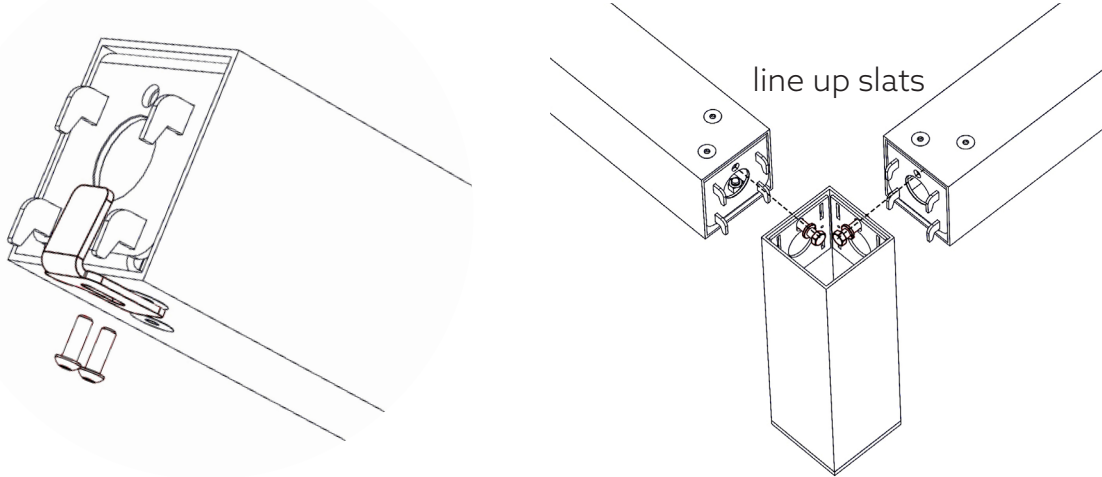


DO NOT FULLY TIGHTEN HARDWARE UNTIL THE END OF INSTALLATION

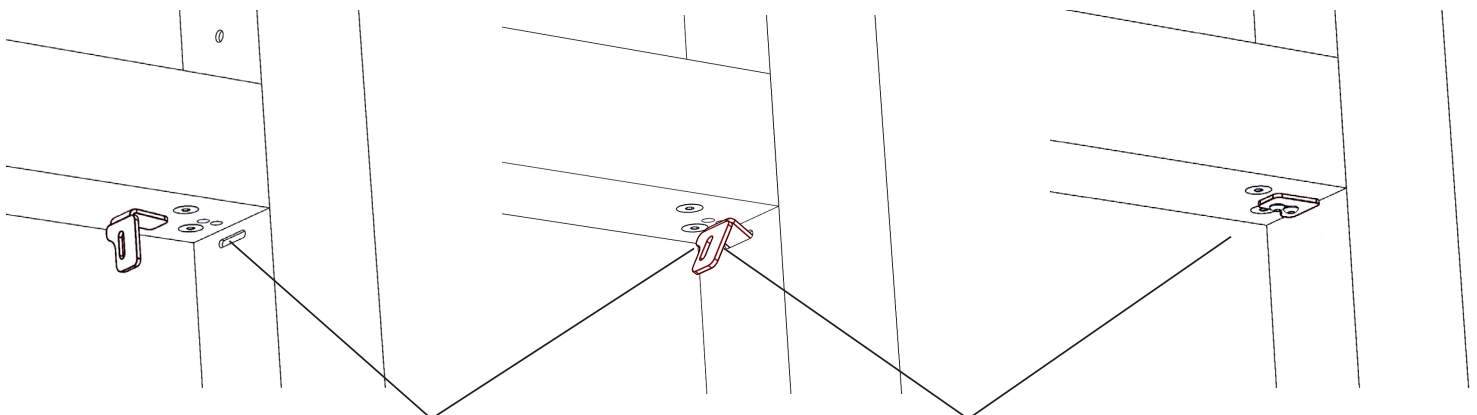
3

ASSEMBLE SEATING: REAR BENCH

REMOVE METAL CLIP BEFORE INSTALLING BACKREST BENCH AND MATTRESS BEAM.

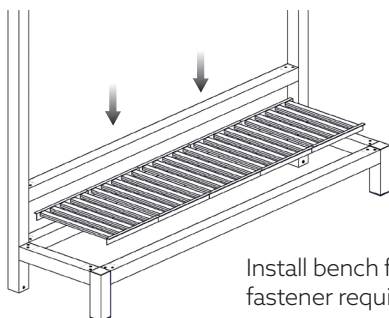


RE-INSTALL METAL CLIPS AND FASTEN TO BEAMS ONCE BACKREST BENCH AND MATTRESS BEAM ARE INSTALLED.

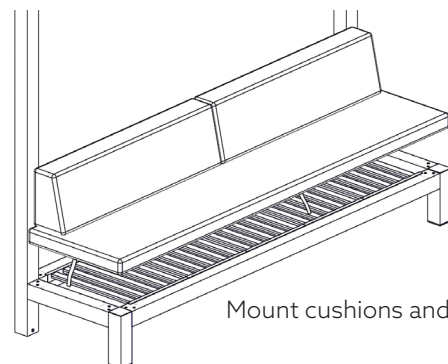


insert metal clip through open-slot

secure with screws



Install bench frames support panels (no fastener required).



Mount cushions and tie with straps.

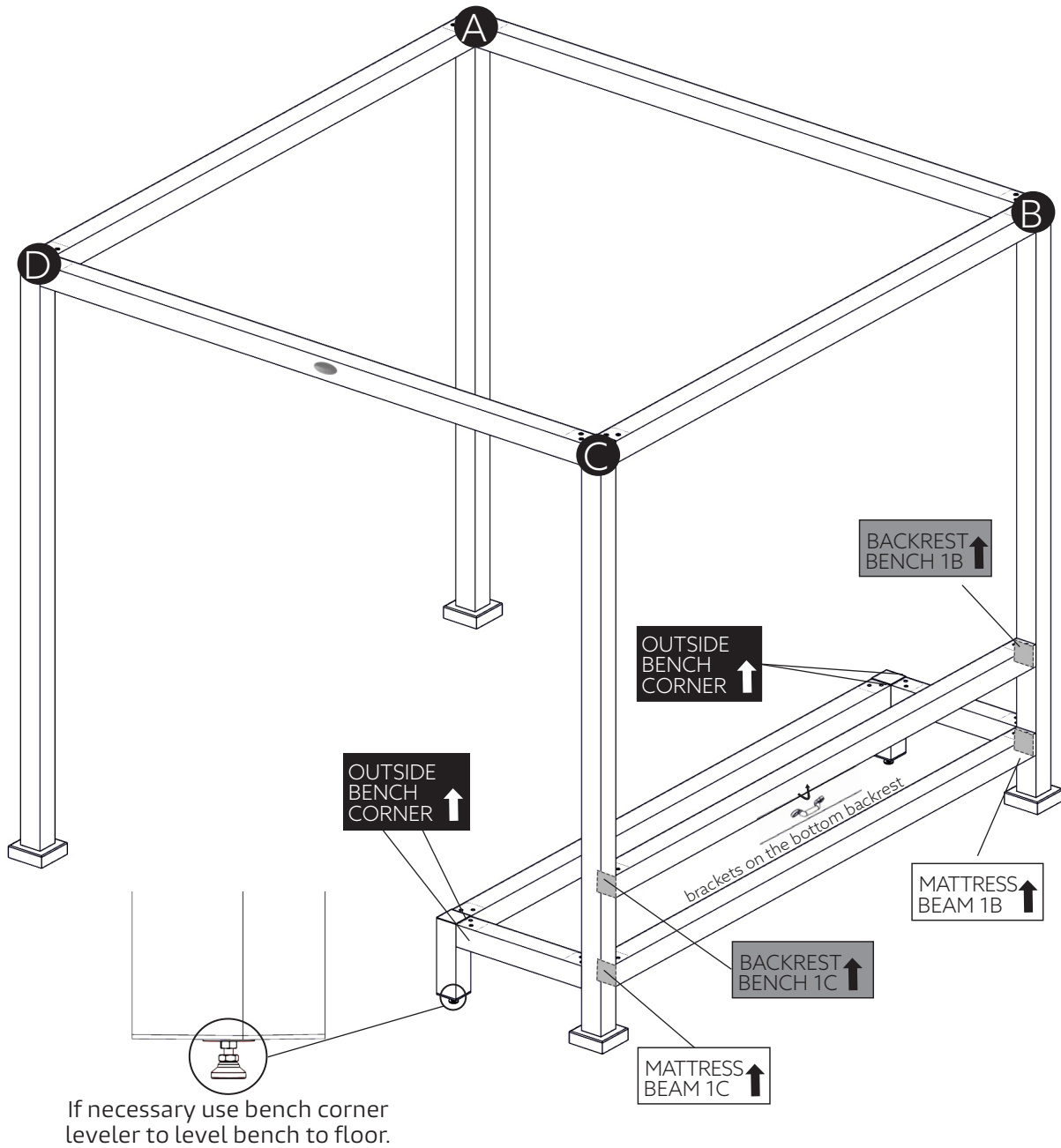
DO NOT FULLY TIGHTEN HARDWARE UNTIL THE END OF INSTALLATION

3

ASSEMBLE SEATING: RIGHT BENCH

MATCH/CONNECT ALL LABELS

right bench is labeled as follows

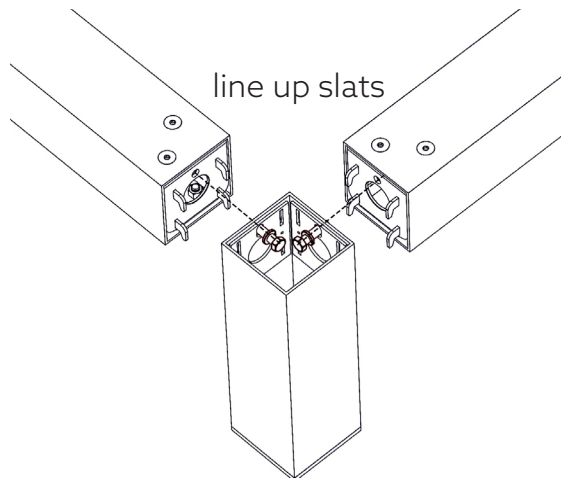
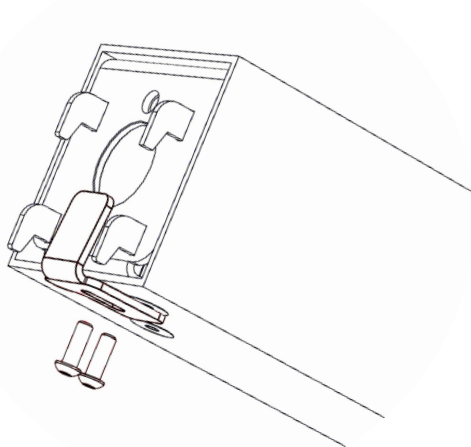


DO NOT FULLY TIGHTEN HARDWARE UNTIL THE END OF INSTALLATION

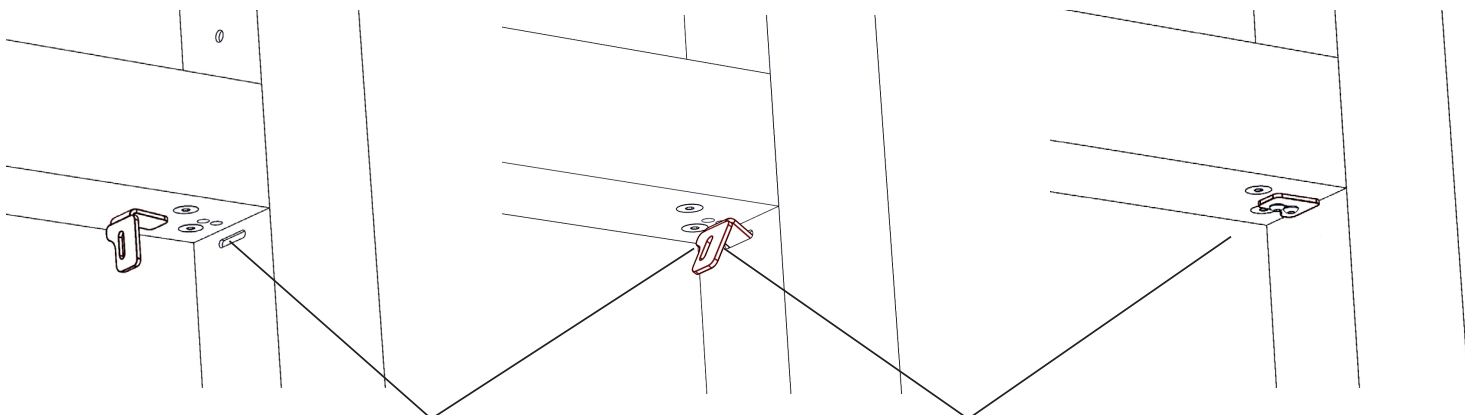
3

ASSEMBLE SEATING: RIGHT BENCH

REMOVE METAL CLIP BEFORE INSTALLING BACKREST BENCH AND MATTRESS BEAM.

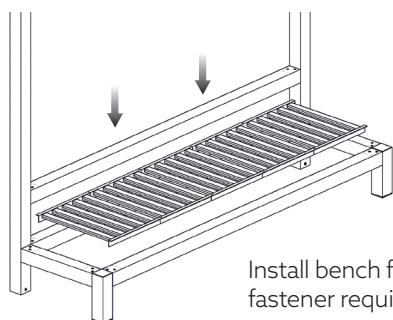


RE-INSTALL METAL CLIPS AND FASTEN TO BEAMS ONCE BACKREST BENCH AND MATTRESS BEAM ARE INSTALLED.

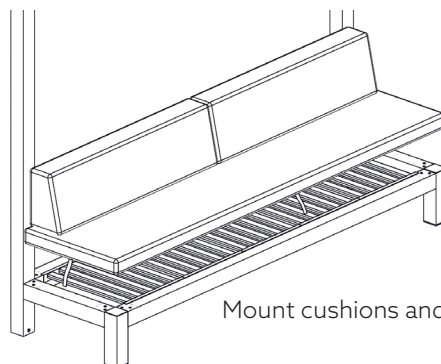


insert metal clip through open-slot

secure with screws



Install bench frames support panels (no fastener required).



Mount cushions and tie with straps.

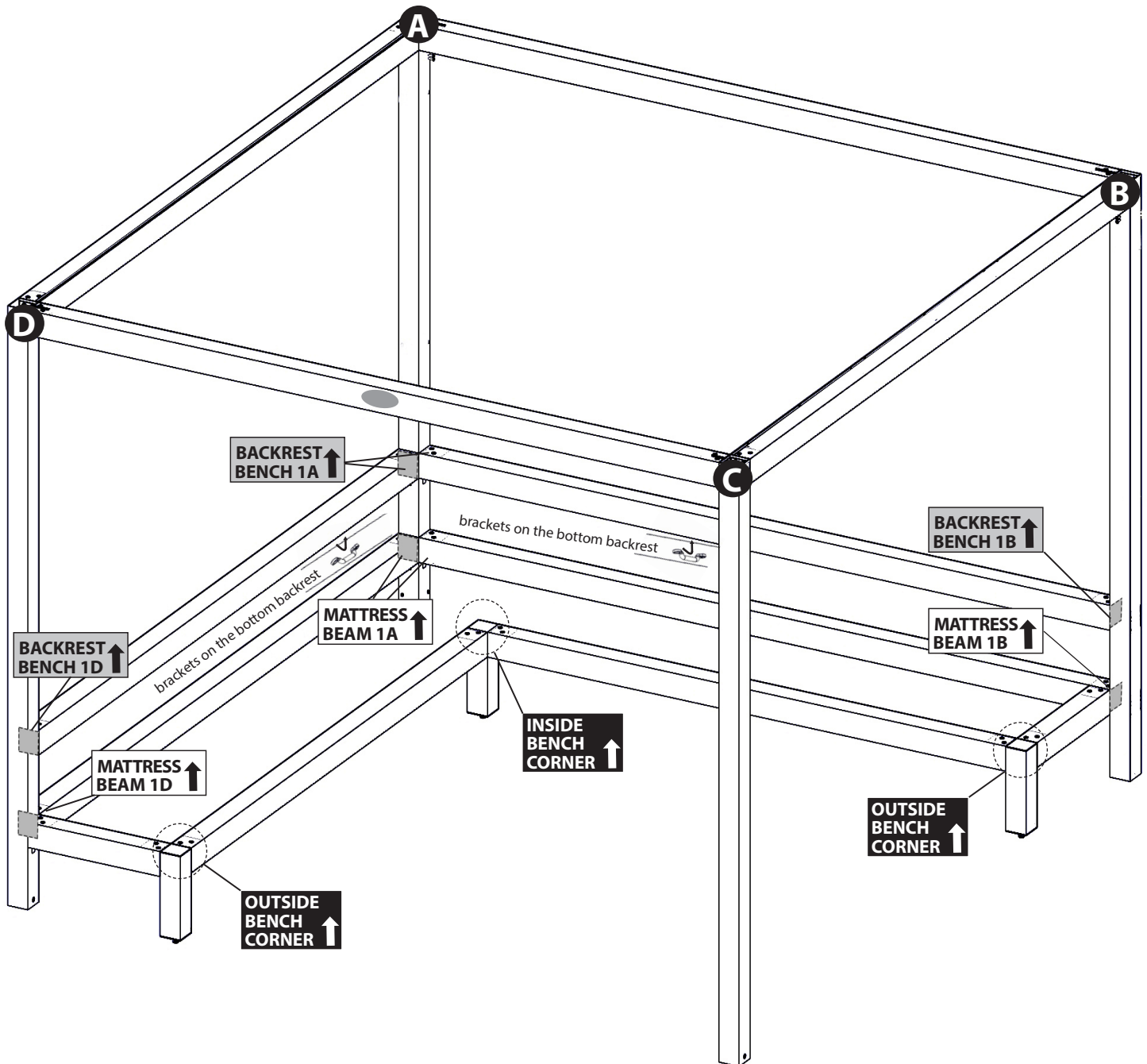
DO NOT FULLY TIGHTEN HARDWARE UNTIL THE END OF INSTALLATION

3

ASSEMBLE SEATING: LEFT L BENCH

MATCH/CONNECT ALL LABELS

Left L-Bench is labeled as follows

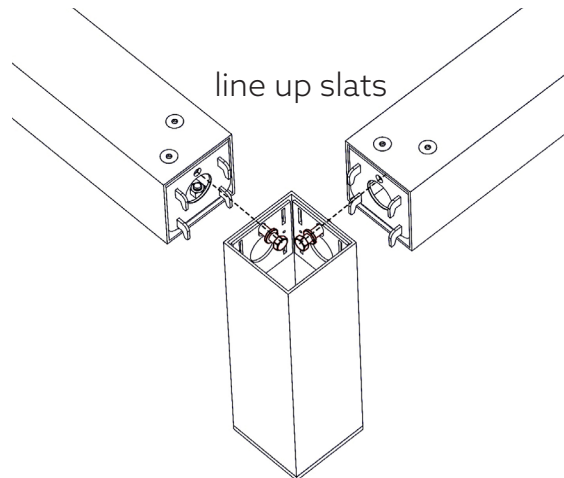
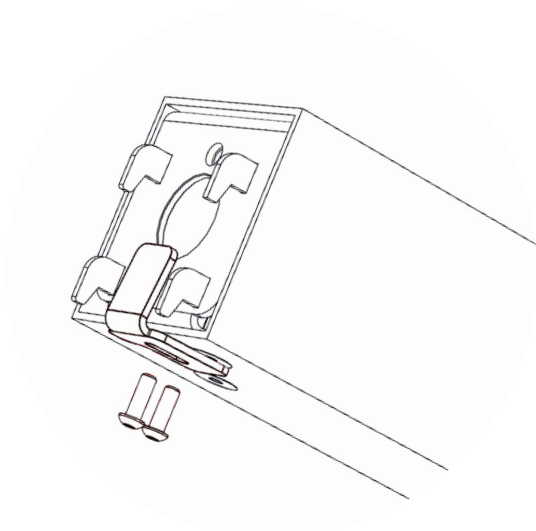


DO NOT FULLY TIGHTEN HARDWARE UNTIL THE END OF INSTALLATION

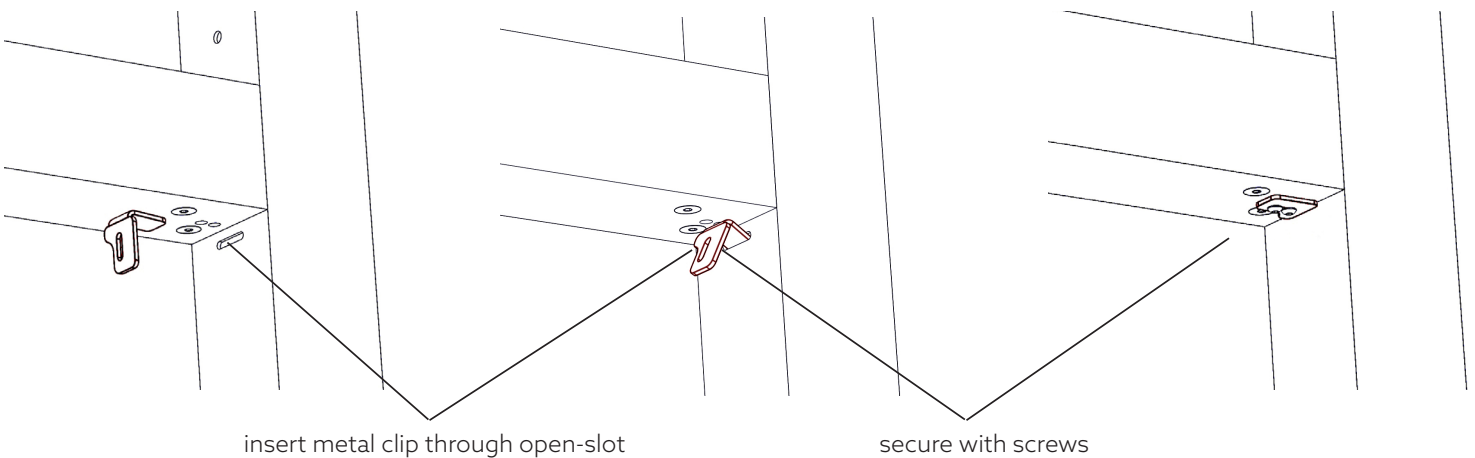
3

ASSEMBLE SEATING: LEFT L BENCH

REMOVE METAL CLIP BEFORE INSTALLING BACKREST BENCH AND MATTRESS BEAM.



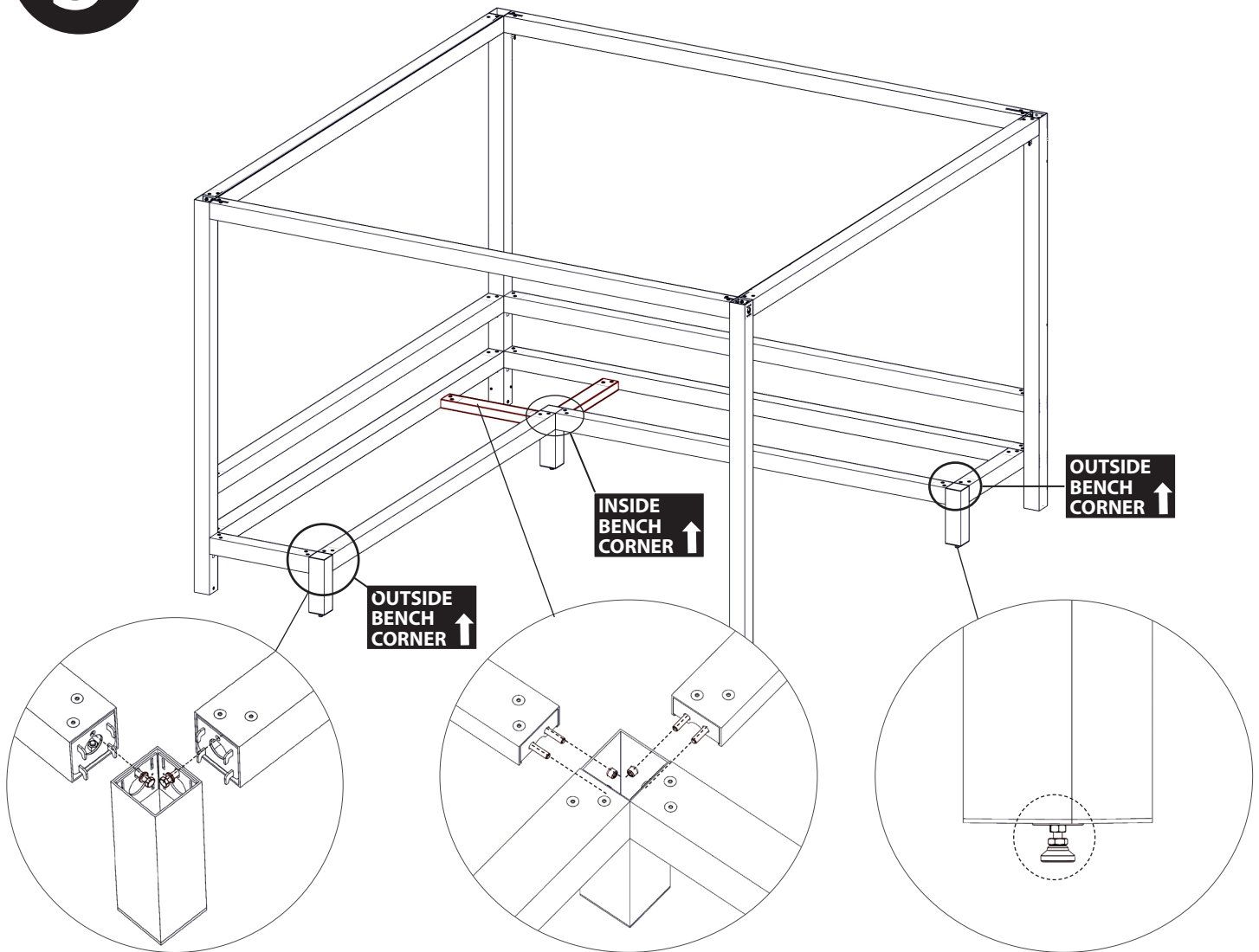
RE-INSTALL METAL CLIPS AND FASTEN TO BEAMS ONCE BACKREST BENCH AND MATTRESS BEAM ARE INSTALLED.



DO NOT FULLY TIGHTEN HARDWARE UNTIL THE END OF INSTALLATION

3

ASSEMBLE SEATING: LEFT L BENCH



Step 1

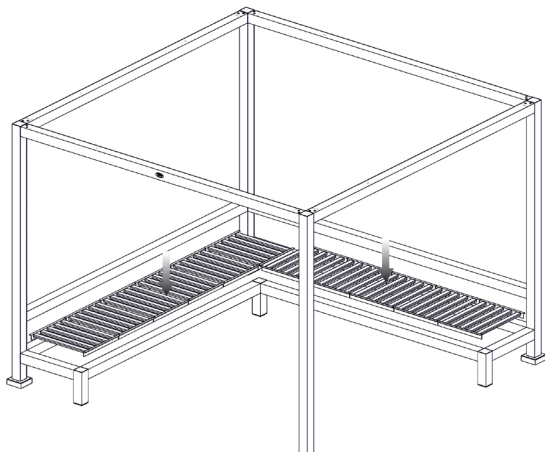
Install outside bench corner and legs with hex cap screws by matching the labels.

Step 2

Install support beams using bolts through bottom slot.

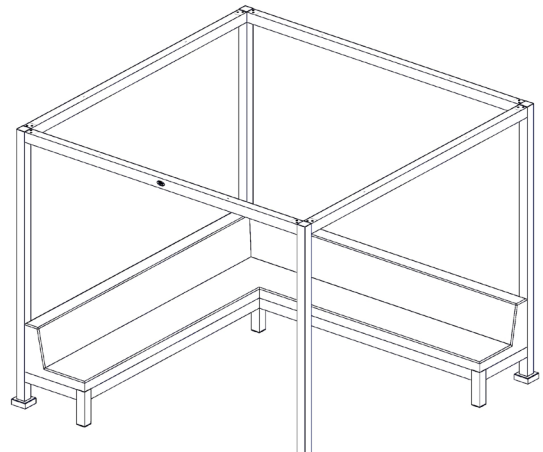
Step 3

If necessary use bed post leveler to level bench to floor.



Step 4

Install bench frames support panels (no fastener required).



Step 5

Mount cushions and tie with straps.

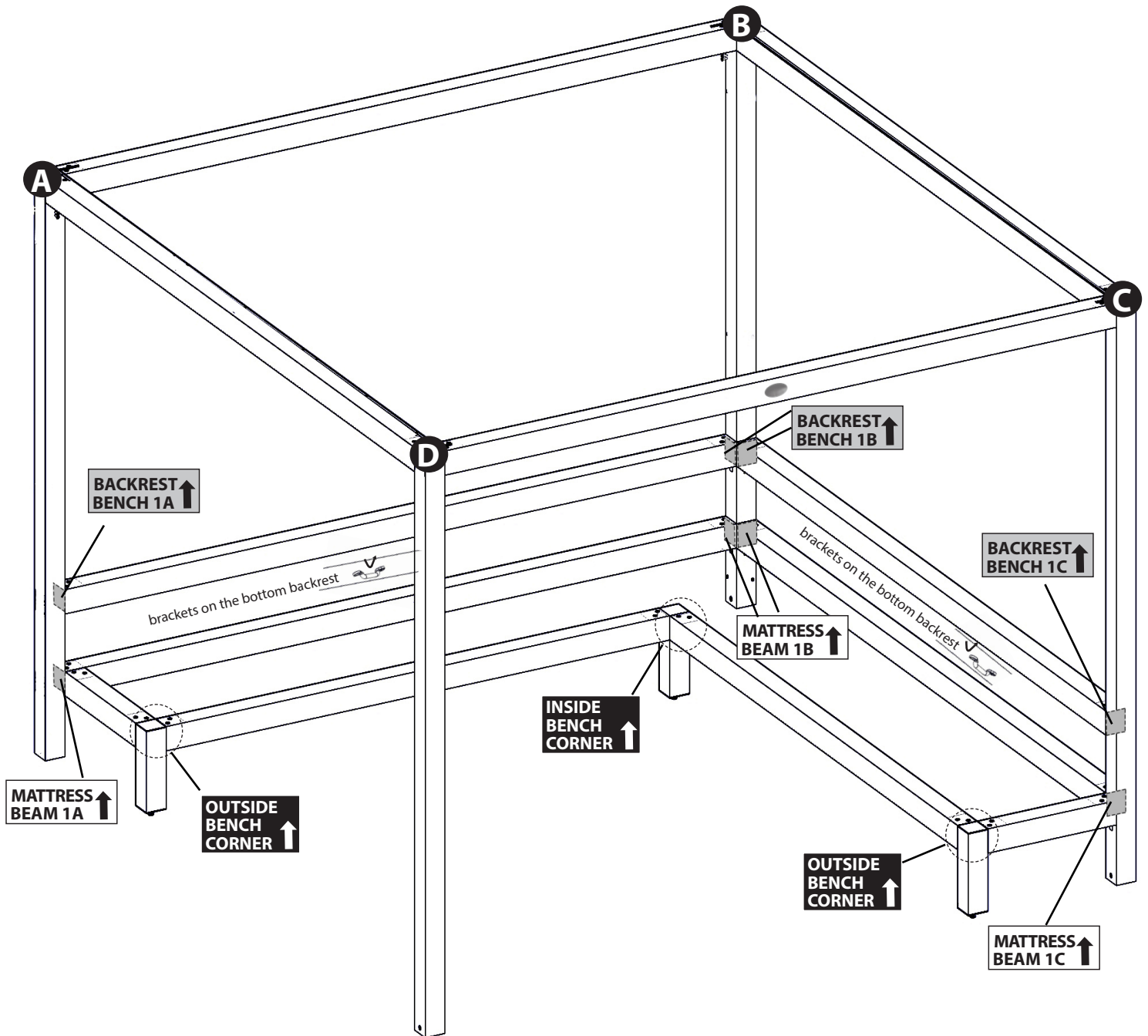
DO NOT FULLY TIGHTEN HARDWARE UNTIL THE END OF INSTALLATION

3

ASSEMBLE SEATING: RIGHT L BENCH

MATCH/CONNECT ALL LABELS

Right L-Bench is labeled as follows

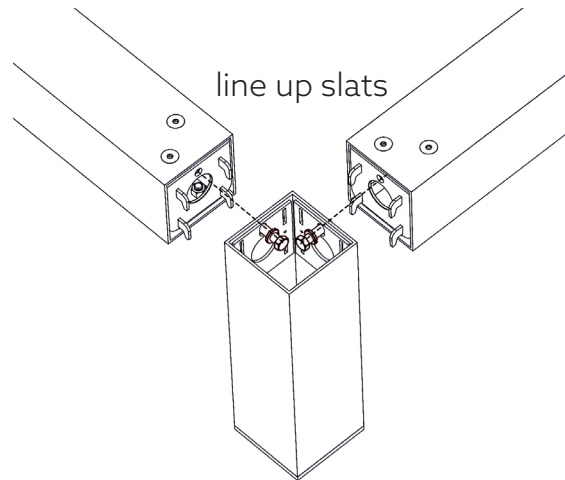
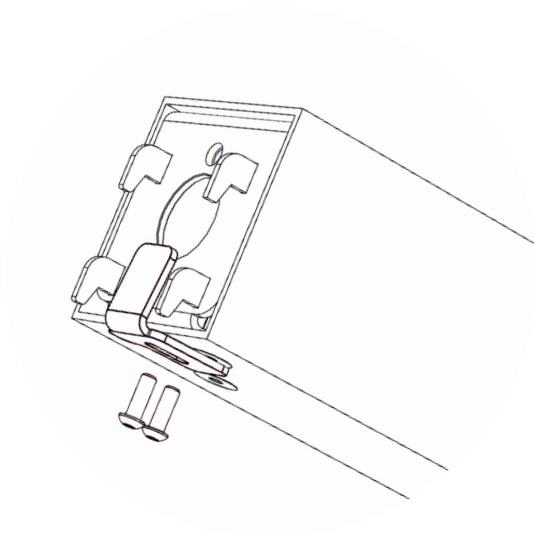


DO NOT FULLY TIGHTEN HARDWARE UNTIL THE END OF INSTALLATION

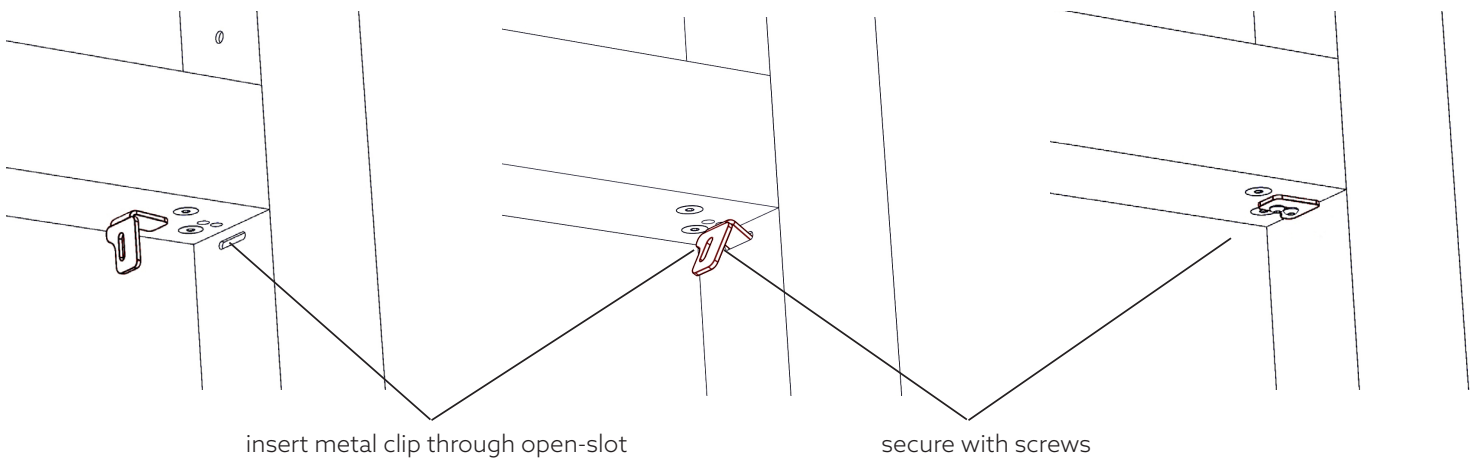
3

ASSEMBLE SEATING: RIGHT L BENCH

REMOVE METAL CLIP BEFORE INSTALLING
BACKREST BENCH AND MATTRESS BEAM.



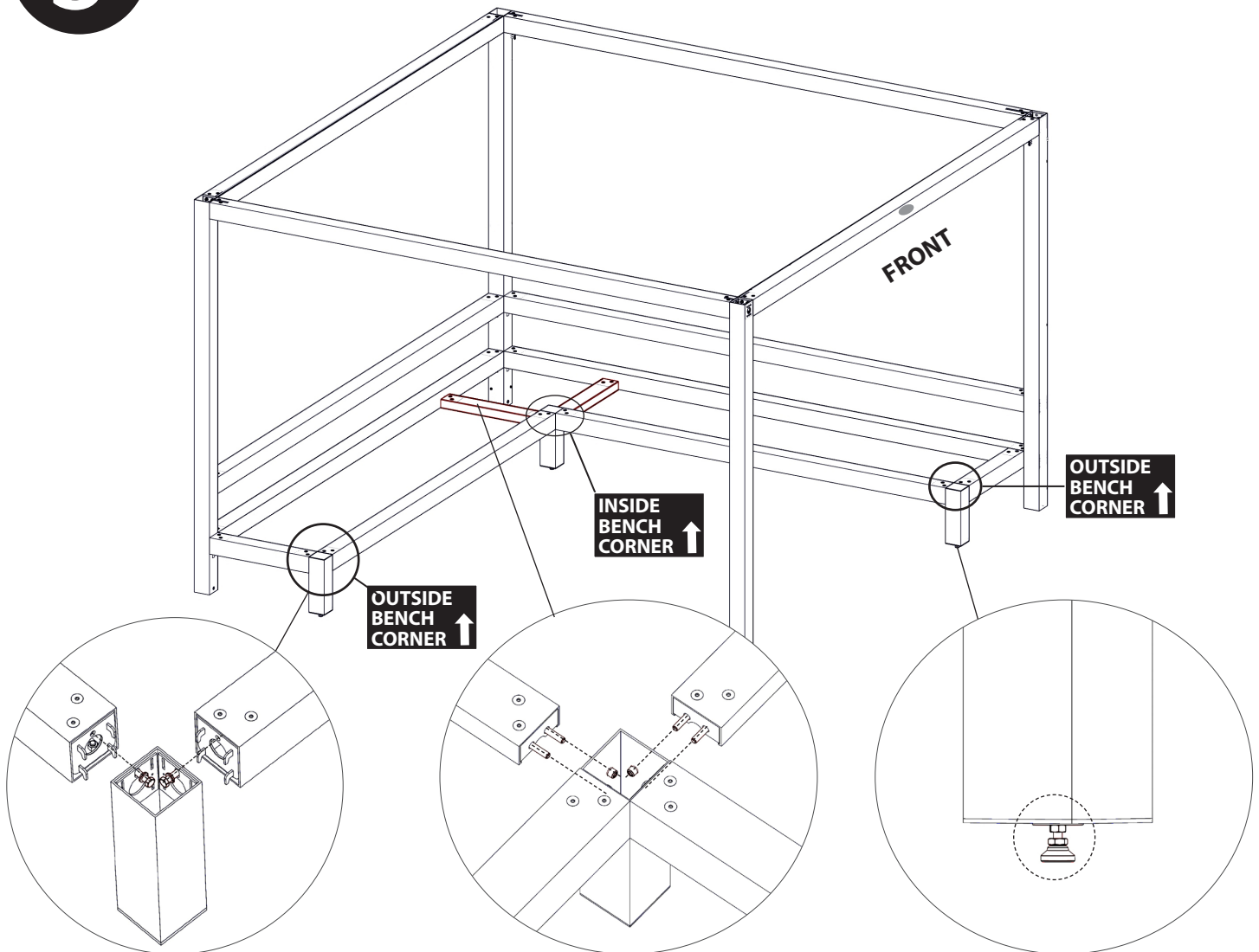
RE-INSTALL METAL CLIPS AND FASTEN TO BEAMS
ONCE BACKREST BENCH AND MATTRESS BEAM ARE INSTALLED.



DO NOT FULLY TIGHTEN HARDWARE UNTIL THE END OF INSTALLATION

3

ASSEMBLE SEATING: RIGHT L BENCH



Step 1

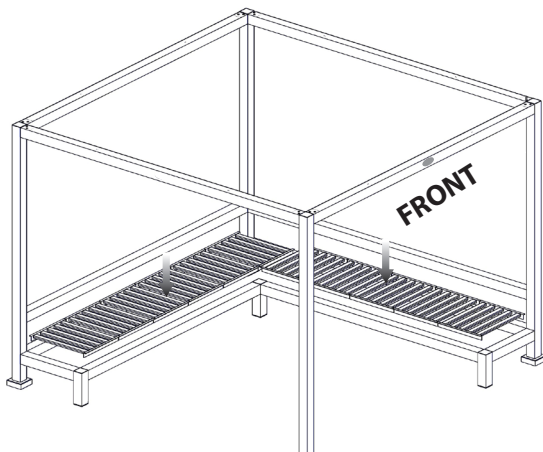
Install outside bench corner and legs with hex cap screws by matching the labels.

Step 2

Install support beams using bolts through bottom slot.

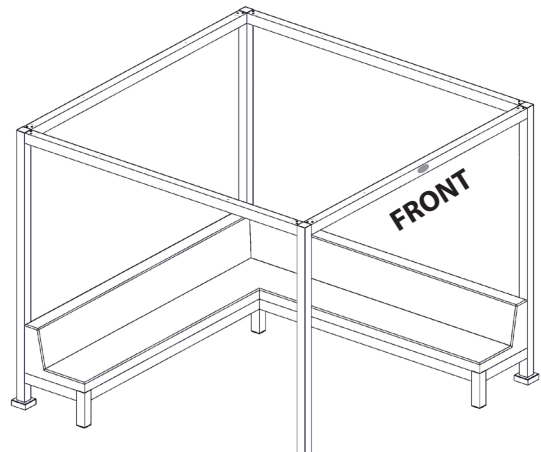
Step 3

If necessary use bed post leveler to level bench to floor.



Step 4

Install bench frames support panels (no fastener required).



Step 5

Mount cushions and tie with straps.

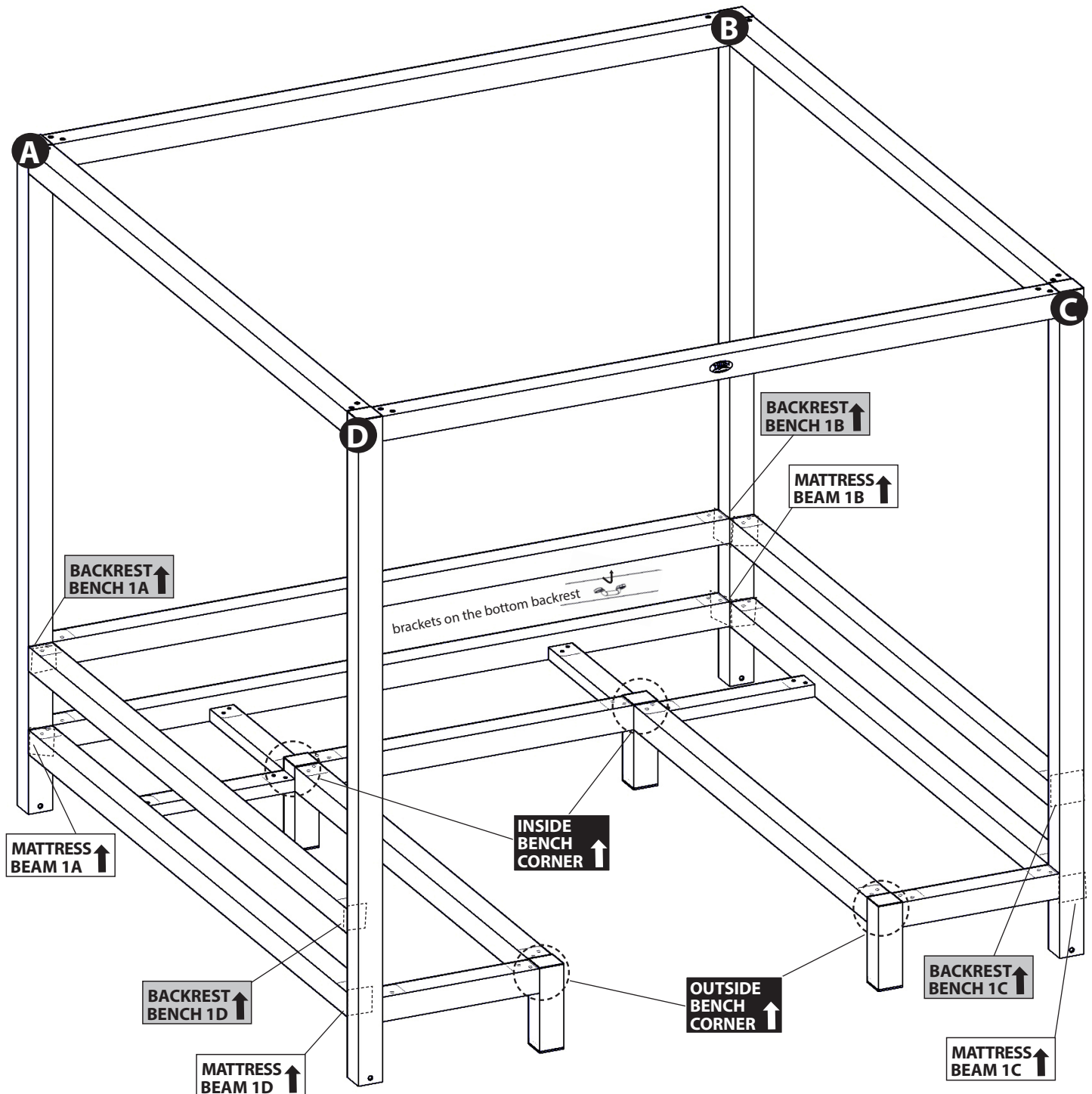
DO NOT FULLY TIGHTEN HARDWARE UNTIL THE END OF INSTALLATION

3

ASSEMBLE SEATING: U-BENCH

MATCH/CONNECT ALL LABELS

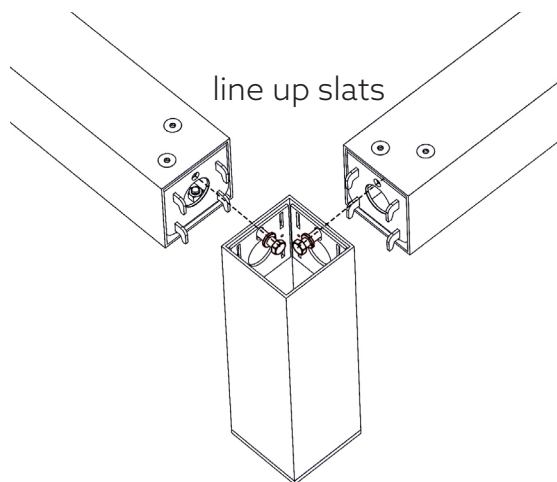
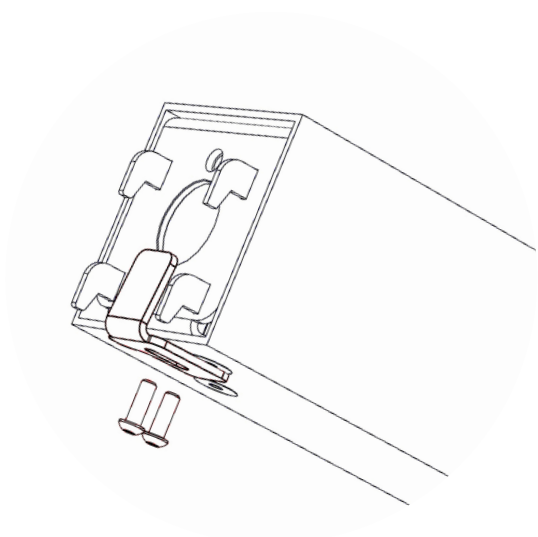
U-Bench is labeled as follows



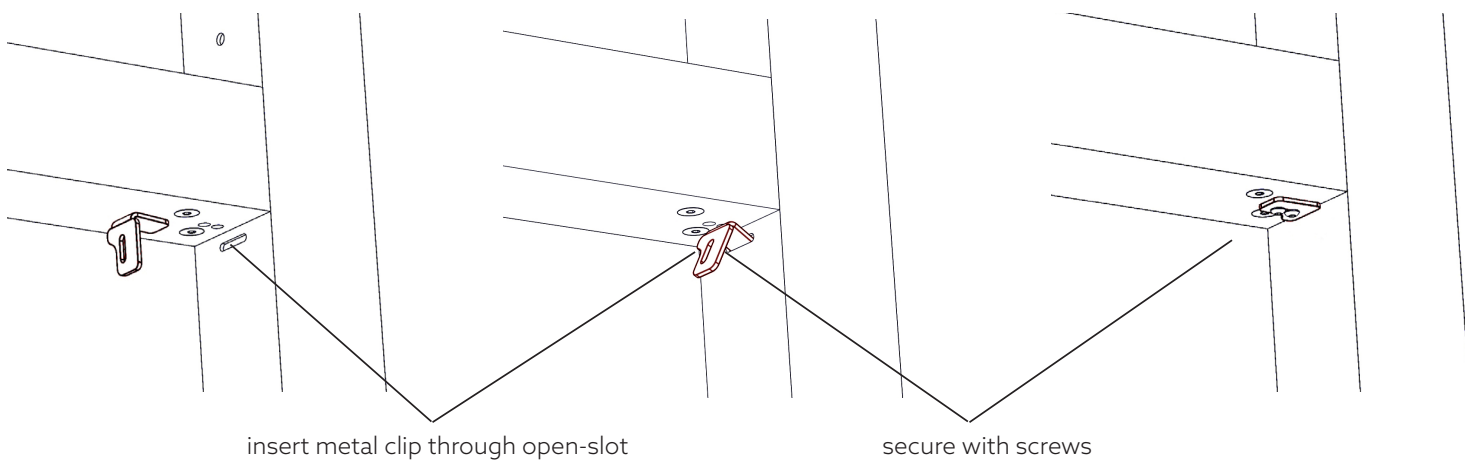
DO NOT FULLY TIGHTEN HARDWARE UNTIL THE END OF INSTALLATION

3 ASSEMBLE SEATING: U-BENCH

REMOVE METAL CLIP BEFORE INSTALLING BACKREST BENCH AND MATTRESS BEAM.



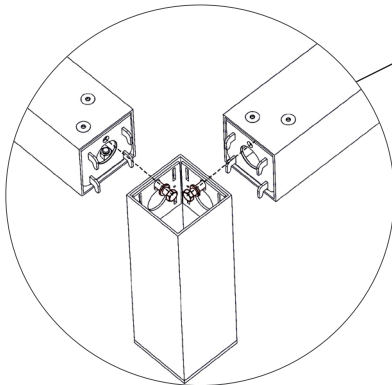
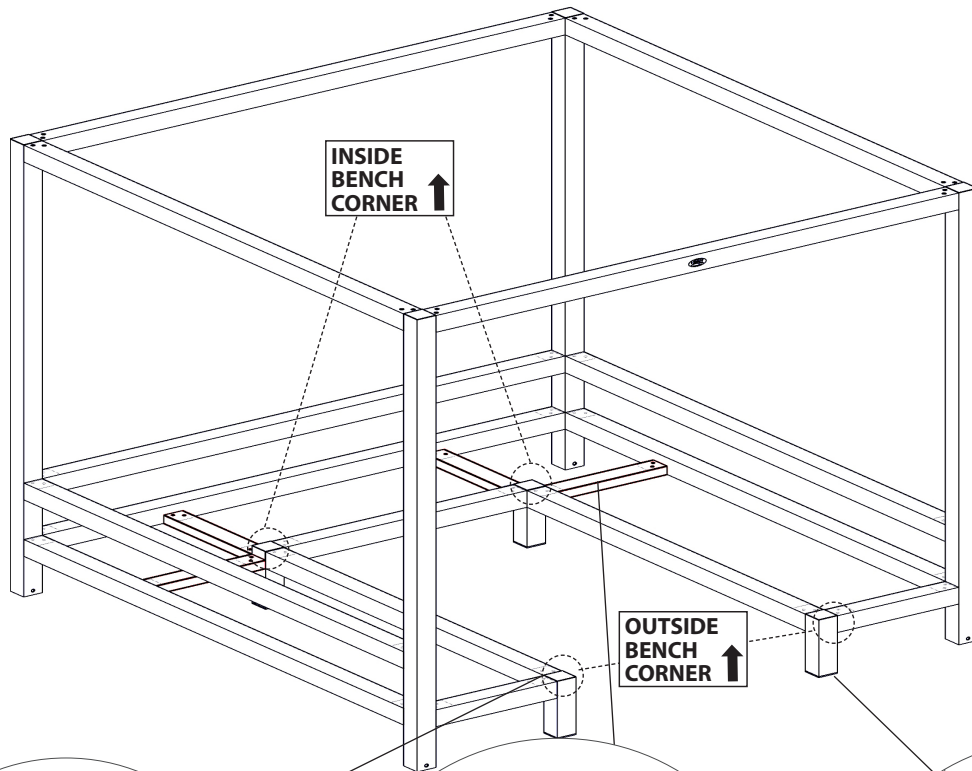
RE-INSTALL METAL CLIPS AND FASTEN TO BEAMS ONCE BACKREST BENCH AND MATTRESS BEAM ARE INSTALLED.



DO NOT FULLY TIGHTEN HARDWARE UNTIL THE END OF INSTALLATION

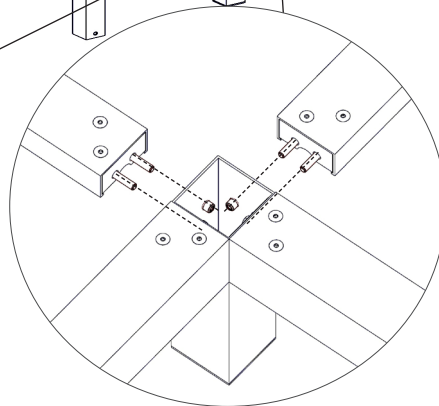
3

ASSEMBLE SEATING: U-BENCH



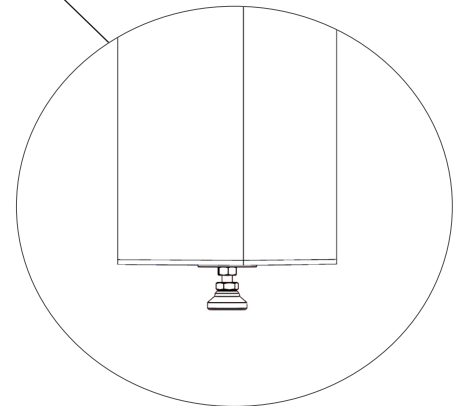
Step 1

Install outside bench corner and legs with hex cap screws by matching the labels.



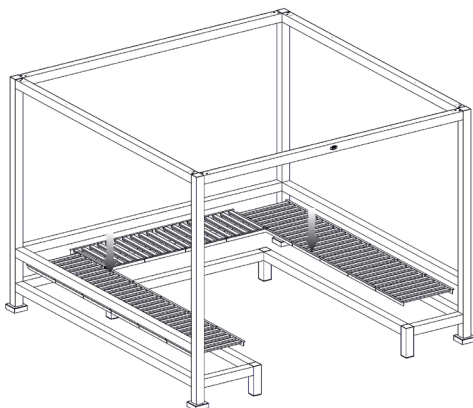
Step 2

Install support beams using bolts through bottom slot.



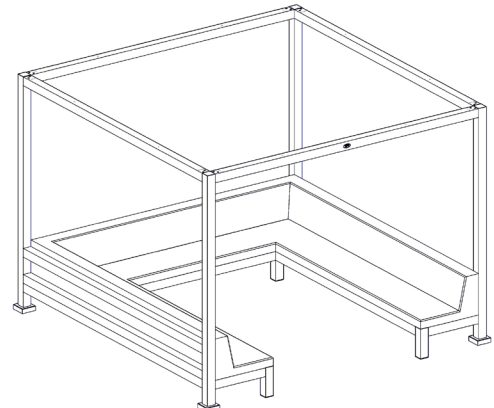
Step 3

If necessary use bed post leveler to level bench to floor.



Step 4

Install bench frames support panels (no fastener required).



Step 5

Mount cushions and tie with straps.

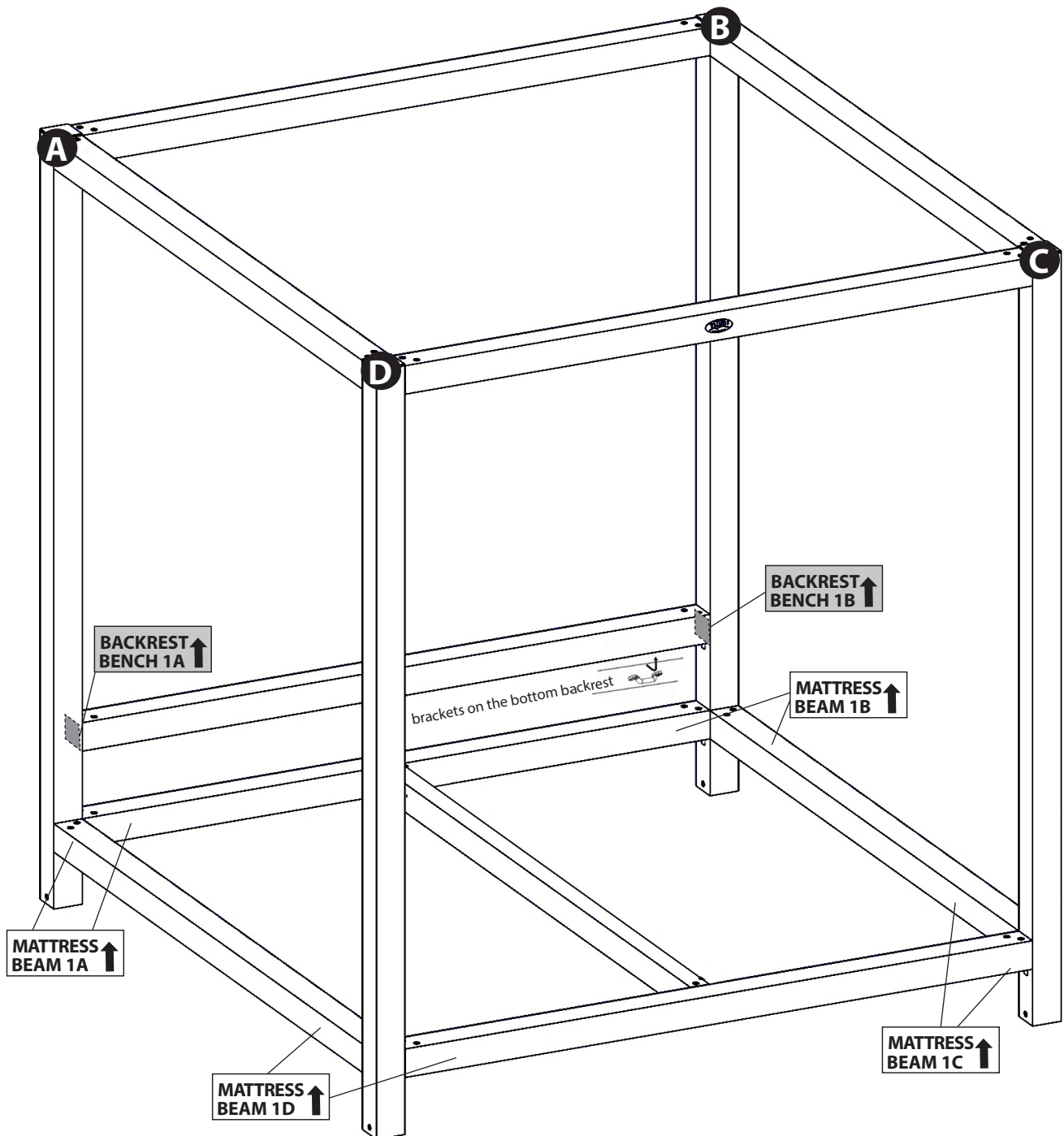
DO NOT FULLY TIGHTEN HARDWARE UNTIL THE END OF INSTALLATION

3

ASSEMBLE SEATING: FULL BED

MATCH/CONNECT ALL LABELS

Full-bed is labeled as follows

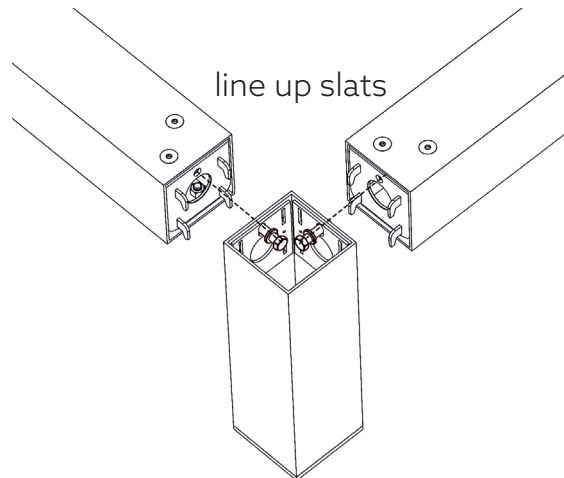
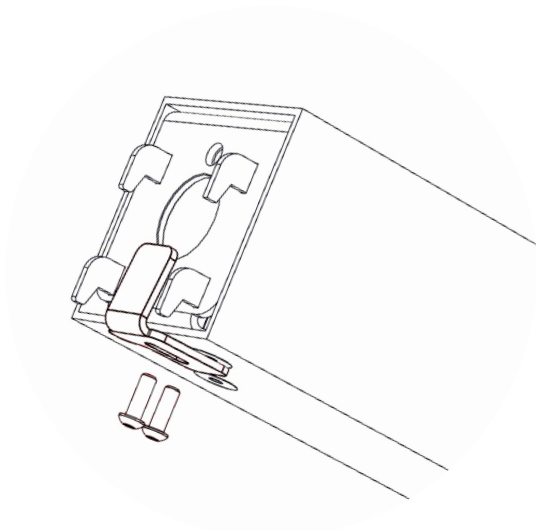


DO NOT FULLY TIGHTEN HARDWARE UNTIL THE END OF INSTALLATION

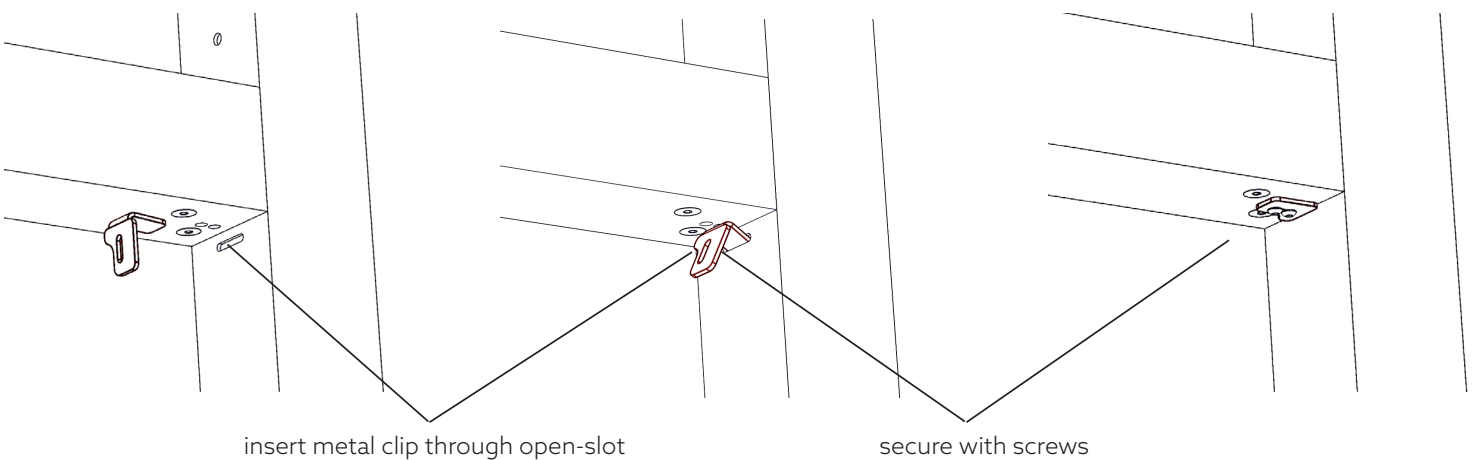
3

ASSEMBLE SEATING: FULL BED

REMOVE METAL CLIP BEFORE INSTALLING
BACKREST BENCH AND MATTRESS BEAM.



RE-INSTALL METAL CLIPS AND FASTEN TO BEAMS
ONCE BACKREST BENCH AND MATTRESS BEAM ARE INSTALLED.

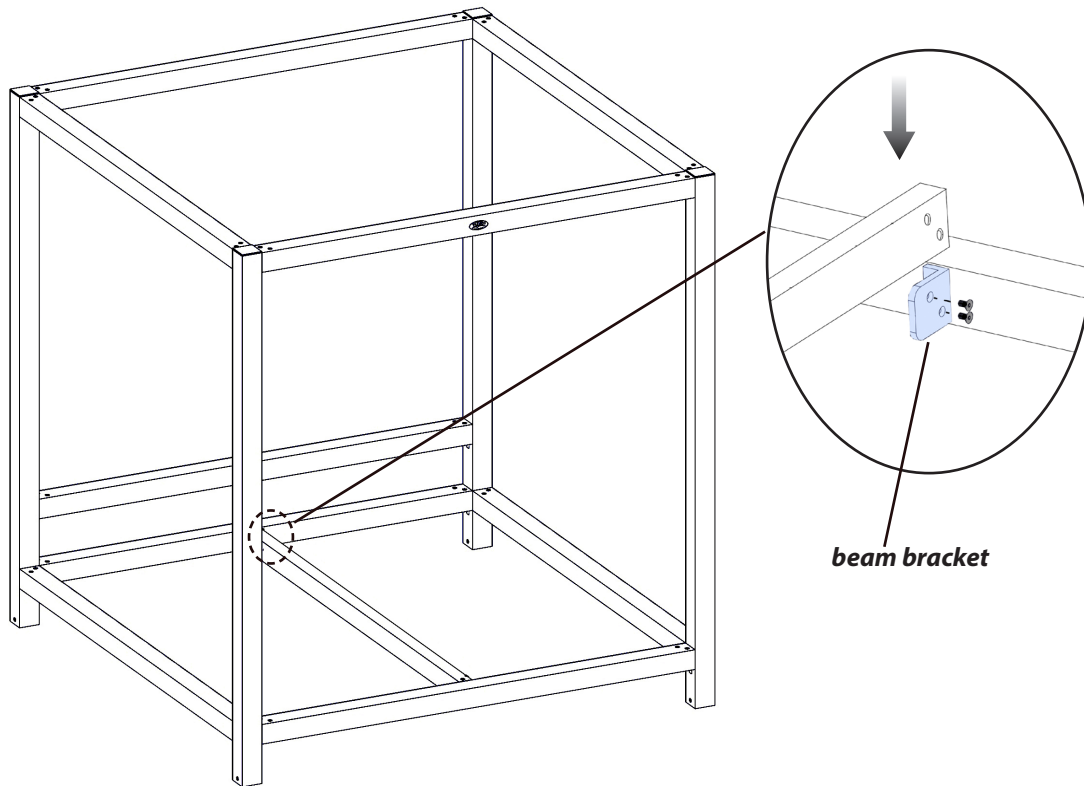


DO NOT FULLY TIGHTEN HARDWARE UNTIL THE END OF INSTALLATION

3 ASSEMBLE SEATING: FULL BED

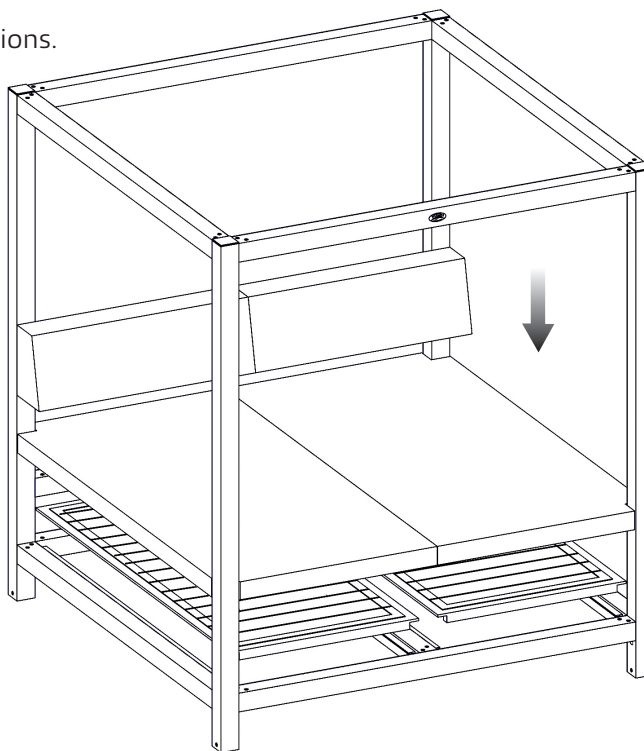
Step 1

Install center bed beam on bracket and secure with bolts.



Step 2

Install bench frames support panels (no fastener required) & mount cushions.



DO NOT FULLY TIGHTEN HARDWARE UNTIL THE END OF INSTALLATION

4

TRELLIS ROOF INSTALLATION

Trellis Roof is labeled as follows: FRONT, CENTER, BACK

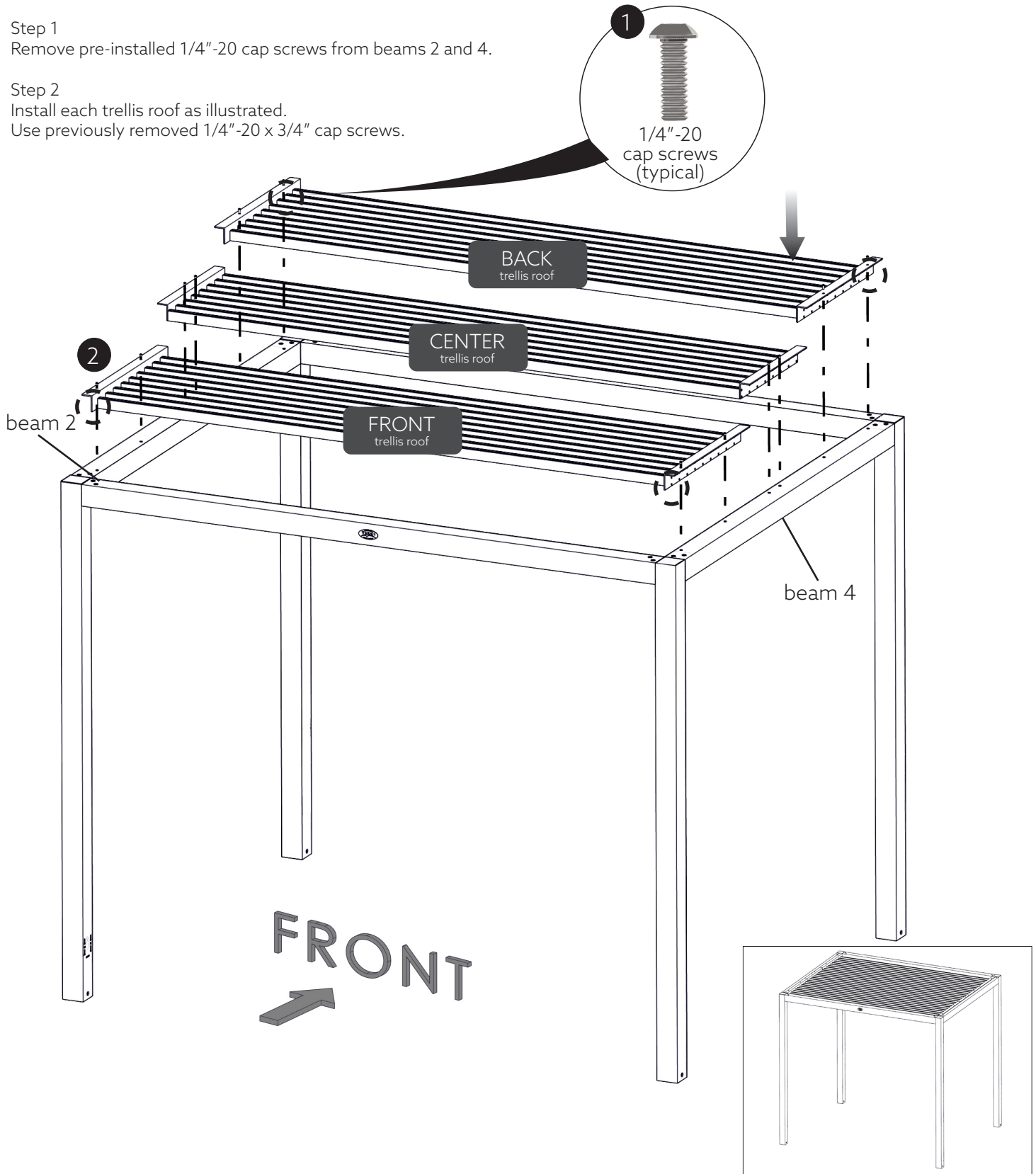
Step 1

Remove pre-installed 1/4"-20 cap screws from beams 2 and 4.

Step 2

Install each trellis roof as illustrated.

Use previously removed 1/4"-20 x 3/4" cap screws.



DO NOT FULLY TIGHTEN HARDWARE UNTIL THE END OF INSTALLATION

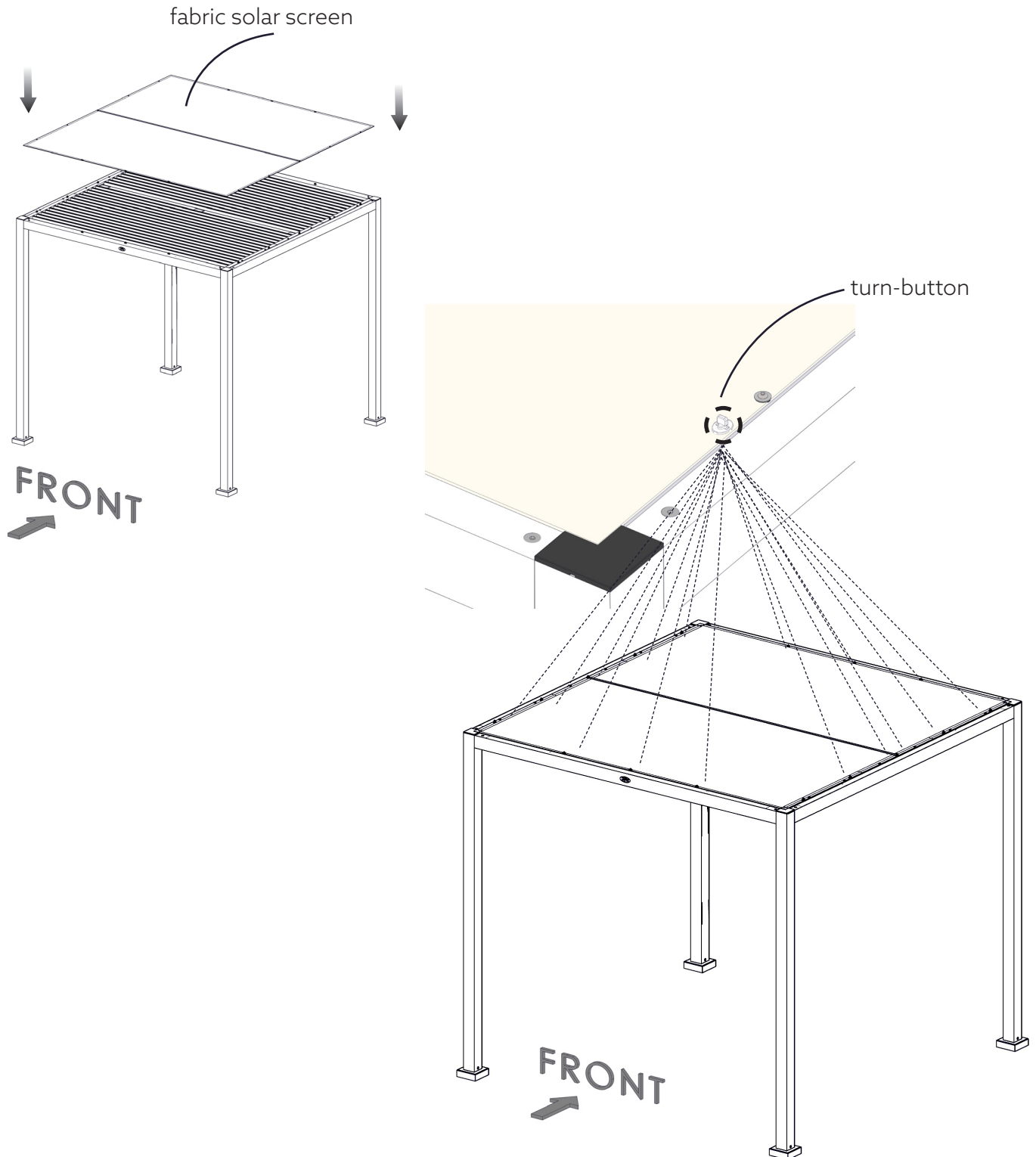
4

FABRIC SOLAR SCREEN

Note: Prior to attaching the Fabric Solar Screen, a Trellis Roof must be installed.

Step 1

Mount fabric solar screen and lock by turning each turn-button



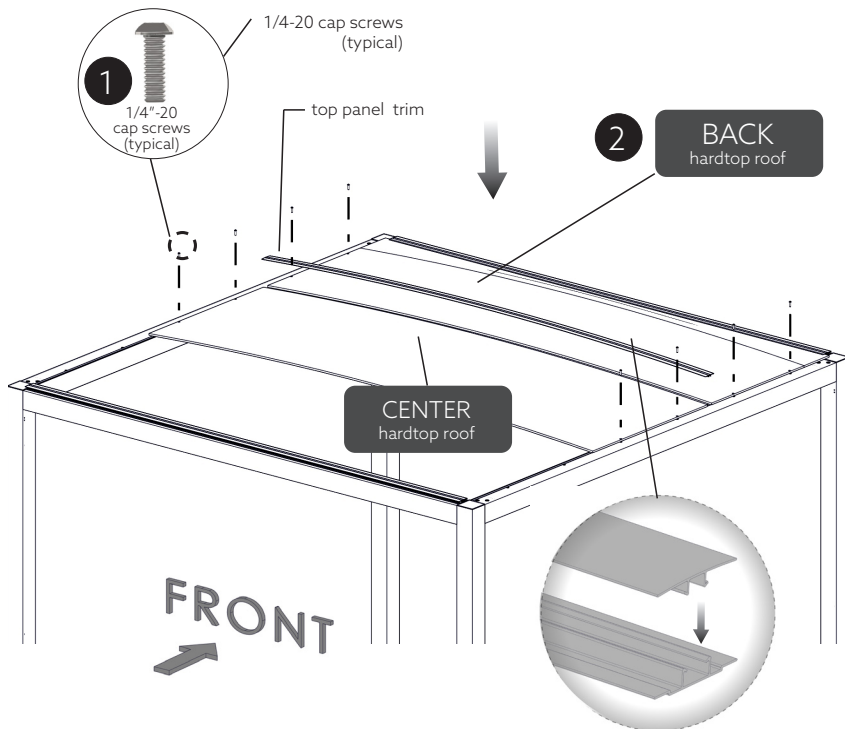
DO NOT FULLY TIGHTEN HARDWARE UNTIL THE END OF INSTALLATION

4 HARDTOP ROOF

3 TOTAL PANELS TO INSTALL

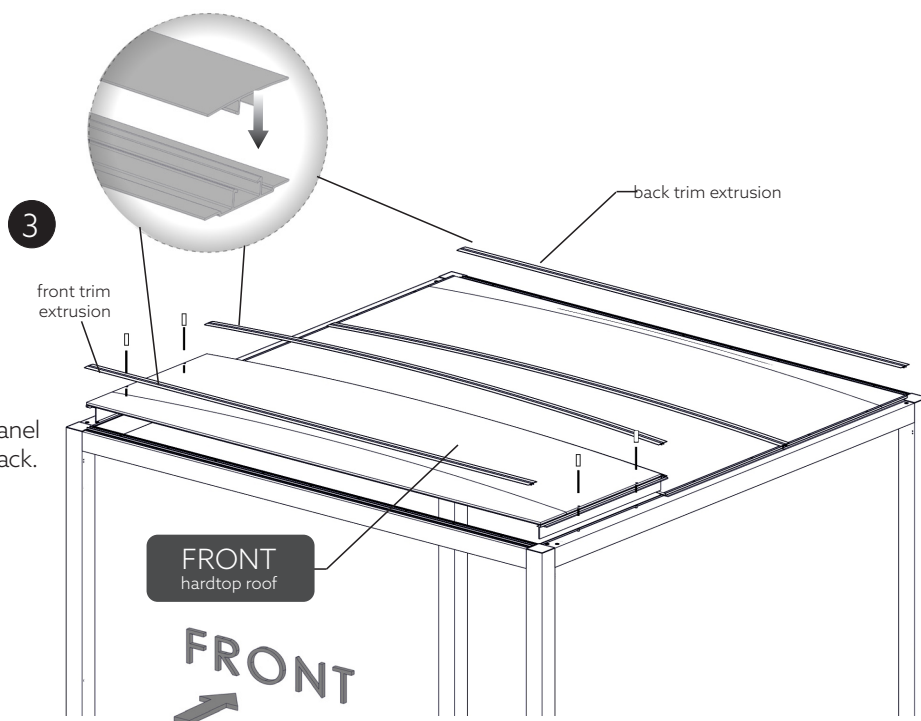
Step 1

Remove pre-installed 1/4"-20 cap screws from beams 2 and 4.



Step 2

Place back and center hardtop panel on cabana. Secure previously removed 1/4"-20 cap screws. Snap in place top panel trim extrusion.



Step 3

Place front hardtop panel on cabana. Fasten 1/4"-20 cap screws. Snap in place the panel trim extrusion (top part) including front and back.

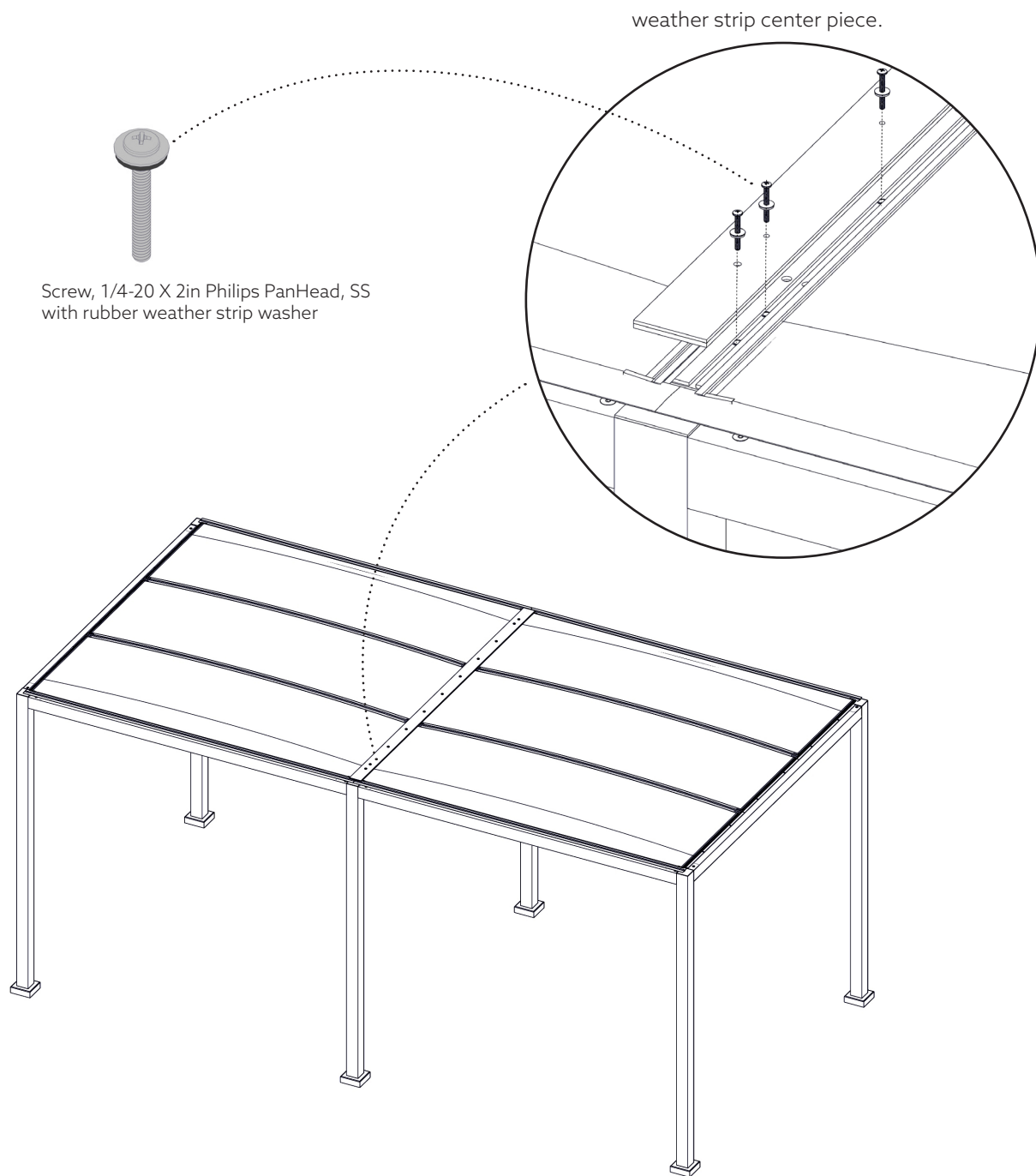
DO NOT FULLY TIGHTEN HARDWARE UNTIL THE END OF INSTALLATION

4

HARDTOP ROOF

WEATHER STRIP CENTER PIECE ROOF INSTALLATIONS FOR MULTI UNITS

For multiple units install weather strip center piece.



DO NOT FULLY TIGHTEN HARDWARE UNTIL THE END OF INSTALLATION

4 HARDTOP ROOF

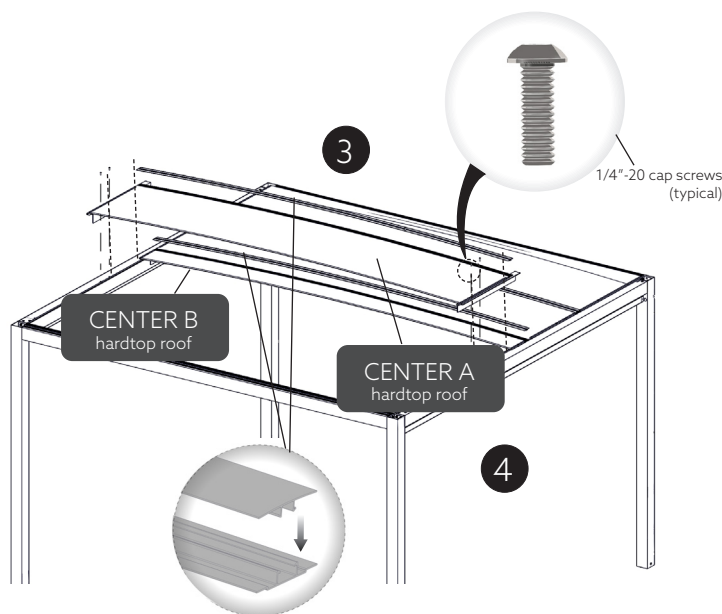
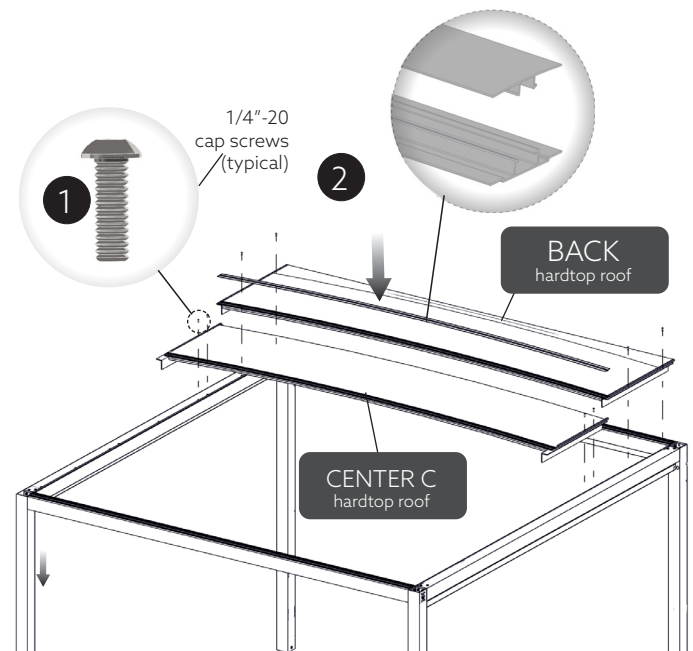
12' SQUARE 5 PANEL INSTALL

Step 1

Remove pre-installed 1/4"-20 cap screws from beams 2 and 4.

Step 2

Place back and center (c) hardtop panels on cabana. Fasten previously removed 1/4"-20 x 1-1/2" cap screws. Snap in place panel trim extrusion (top part).



Step 3

Place center (b) panel and snap in place trim extrusion.

Step 4

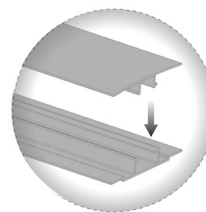
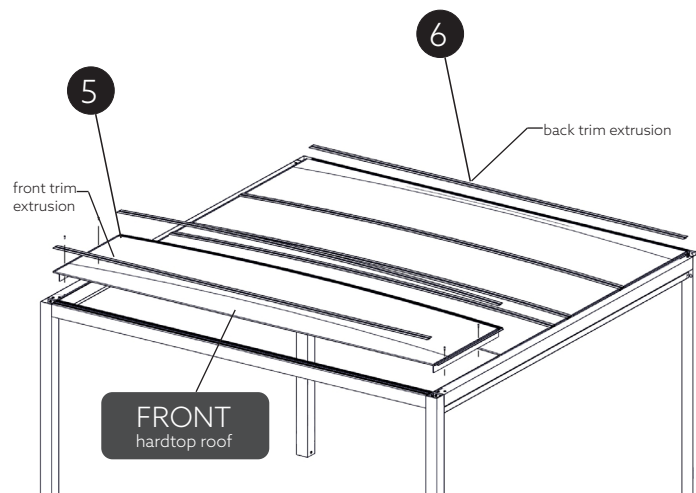
Place center (a) hardtop panel and fasten previously removed 1/4"-20 x 1-1/2" cap screws. Snap in place the panel trim extrusion (top part).

Step 5

Place front hardtop panel and fasten previously removed 1/4"-20 x 1-1/2" cap screws.

Step 6

Snap in place the trim extrusions in 3 locations.



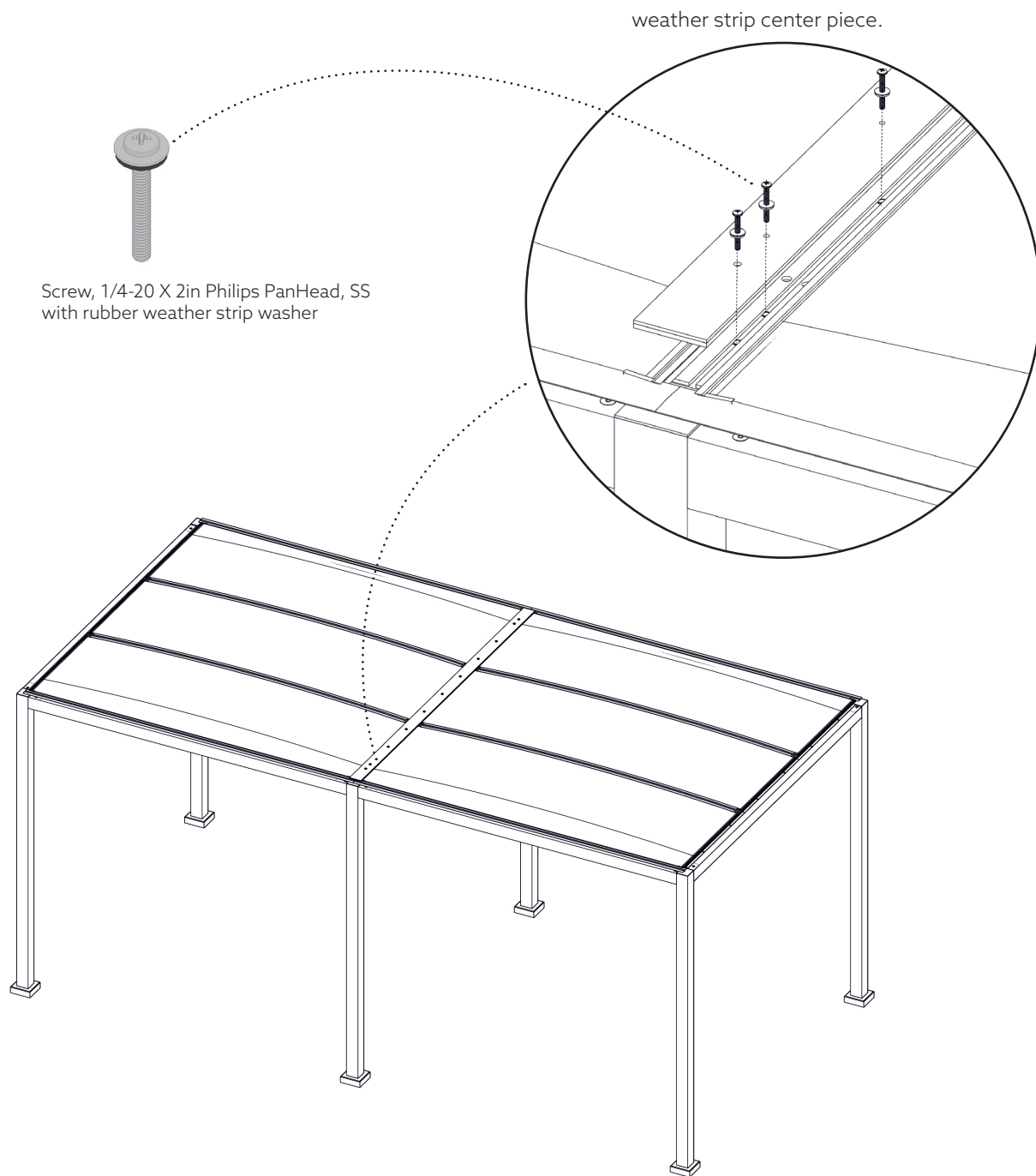
DO NOT FULLY TIGHTEN HARDWARE UNTIL THE END OF INSTALLATION

4

HARDTOP ROOF

WEATHER STRIP CENTER PIECE ROOF INSTALLATIONS FOR MULTI UNITS

For multiple units install weather strip center piece.



DO NOT FULLY TIGHTEN HARDWARE UNTIL THE END OF INSTALLATION

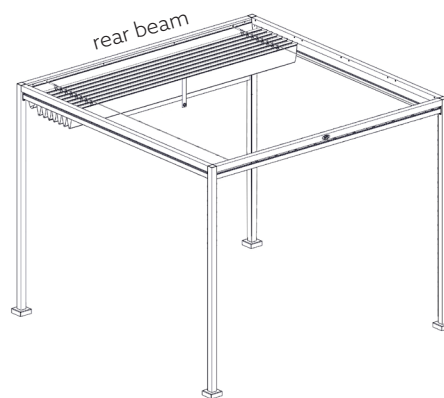
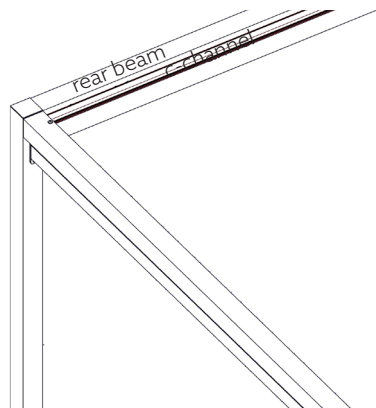
4

ROMAN SHADE ROOF INSTALLATION

Note: Install roman shade before trellis walls

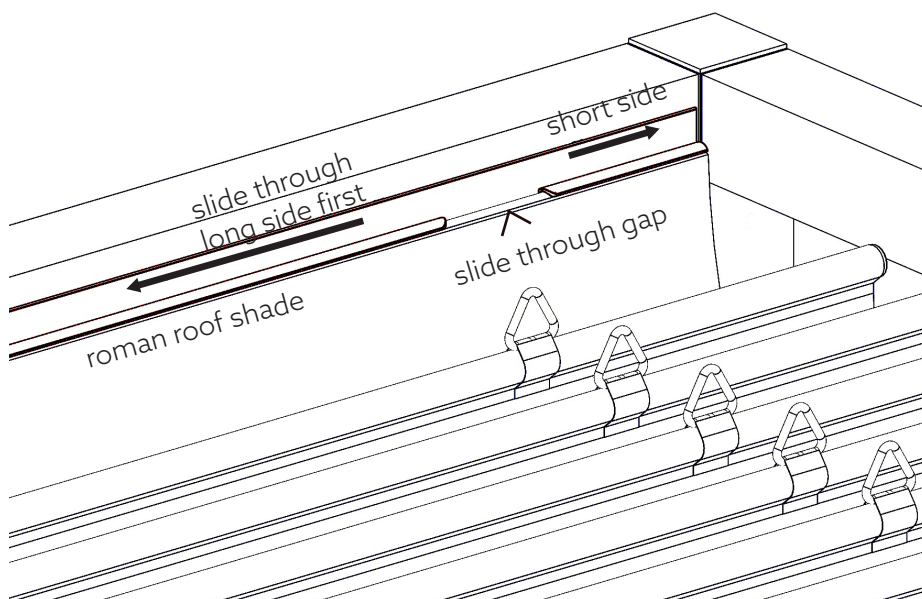
Step 1

Make sure the beam with the C-channel (beam 1) is installed at the rear of the cabana with the C-channel facing to the inside.

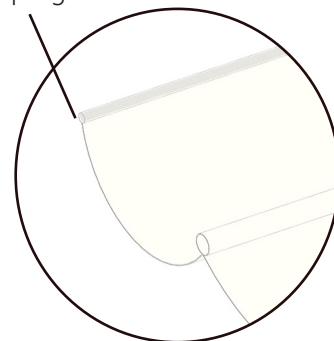


Step 2

Slide the end of the Roman Shade Roof (hooks side up) with piping into the gap on the C-channel. First, slide the roof all the way across the long side of the C-channel, then slide the roof across the short side in the opposite direction.



piping end

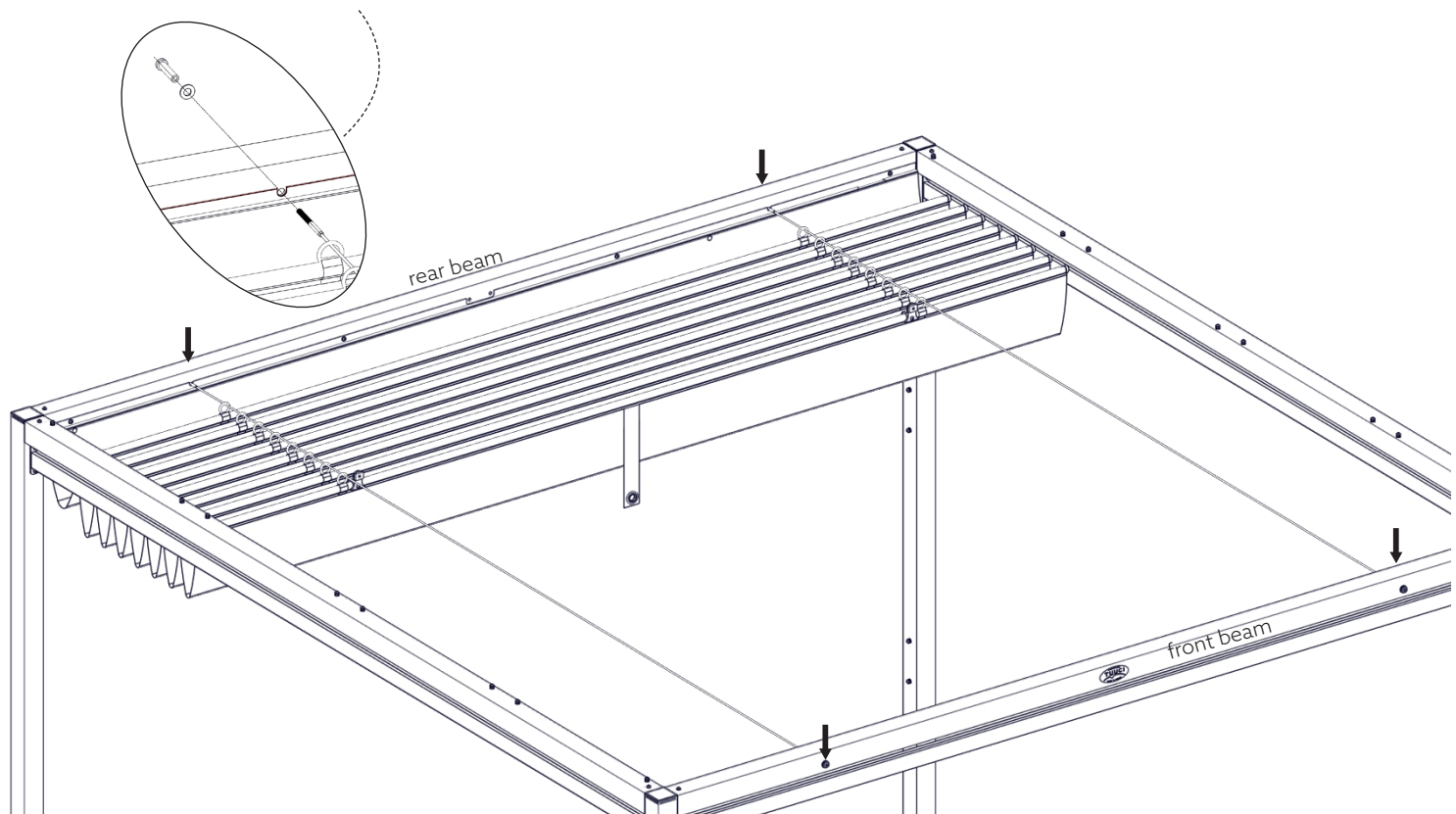


DO NOT FULLY TIGHTEN HARDWARE UNTIL THE END OF INSTALLATION

4 ROMAN SHADE ROOF INSTALLATION

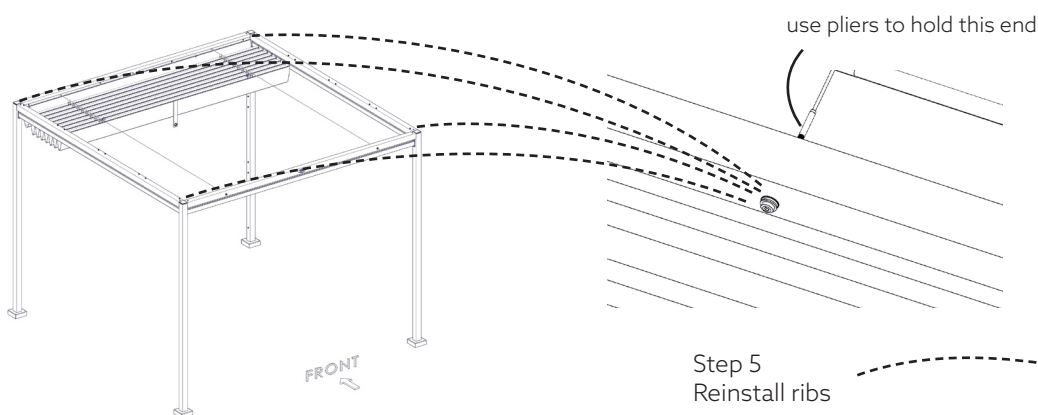
Step 3

Run cables through shade hooks then connect the two stainless-steel cables on both sides of the rear beam to the front beam by installing the screws through the beams.

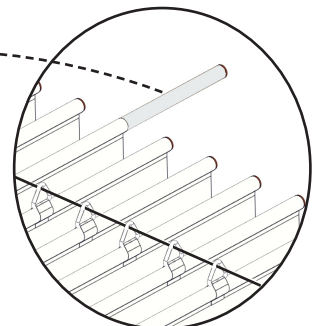


Step 4

Use allen wrench and a pair of pliers to tension cables on both sides.



Step 5 Reinstall ribs



DO NOT FULLY TIGHTEN HARDWARE UNTIL THE END OF INSTALLATION

4

ROMAN SHADE ROOF INSTALLATION

Step 6

To install the pulley rope system start by tying the rope to the omega hook at the Roman Shade Roof front bar, and follow the next steps:

Step 7

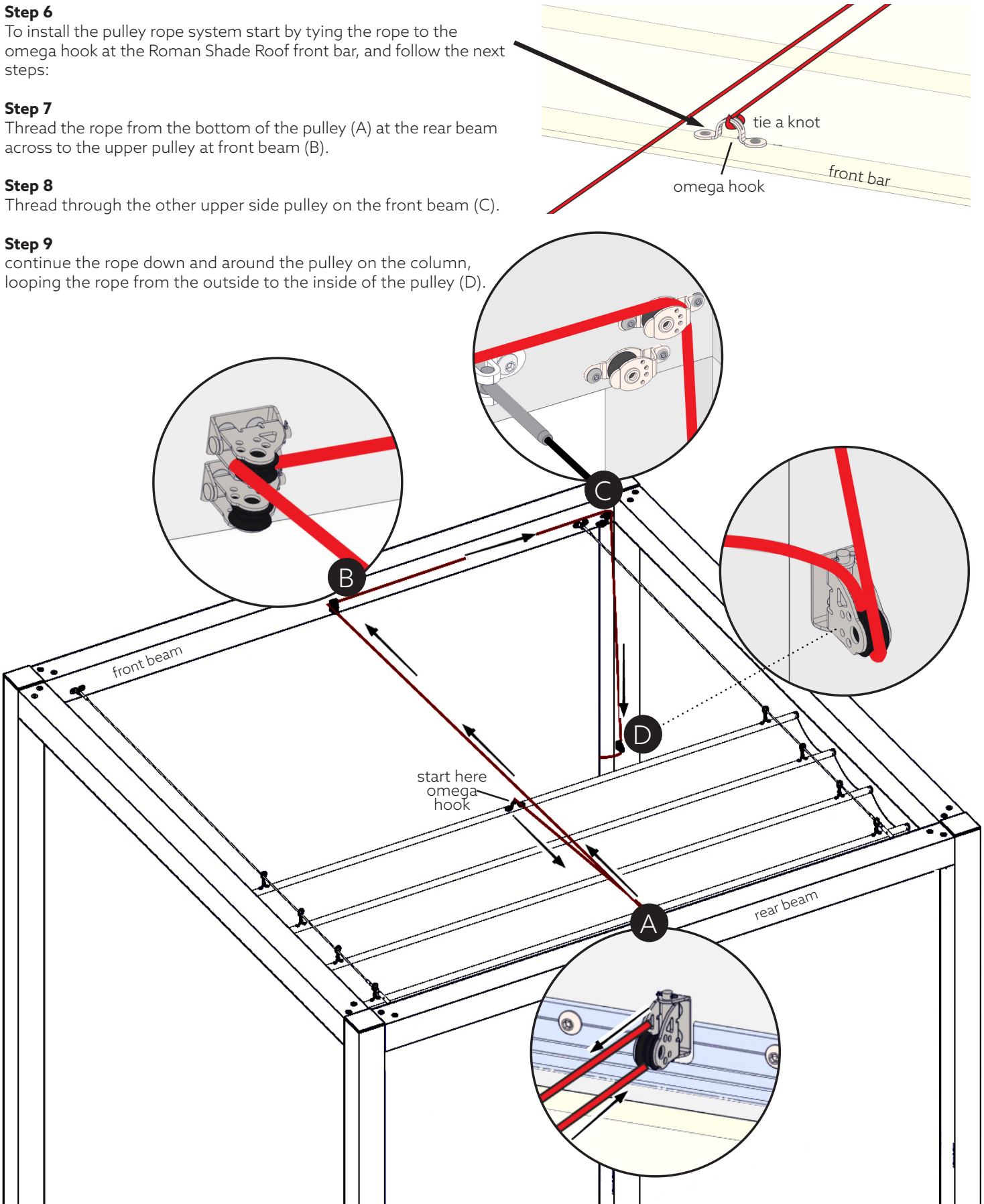
Thread the rope from the bottom of the pulley (A) at the rear beam across to the upper pulley at front beam (B).

Step 8

Thread through the other upper side pulley on the front beam (C).

Step 9

continue the rope down and around the pulley on the column, looping the rope from the outside to the inside of the pulley (D).



DO NOT FULLY TIGHTEN HARDWARE UNTIL THE END OF INSTALLATION

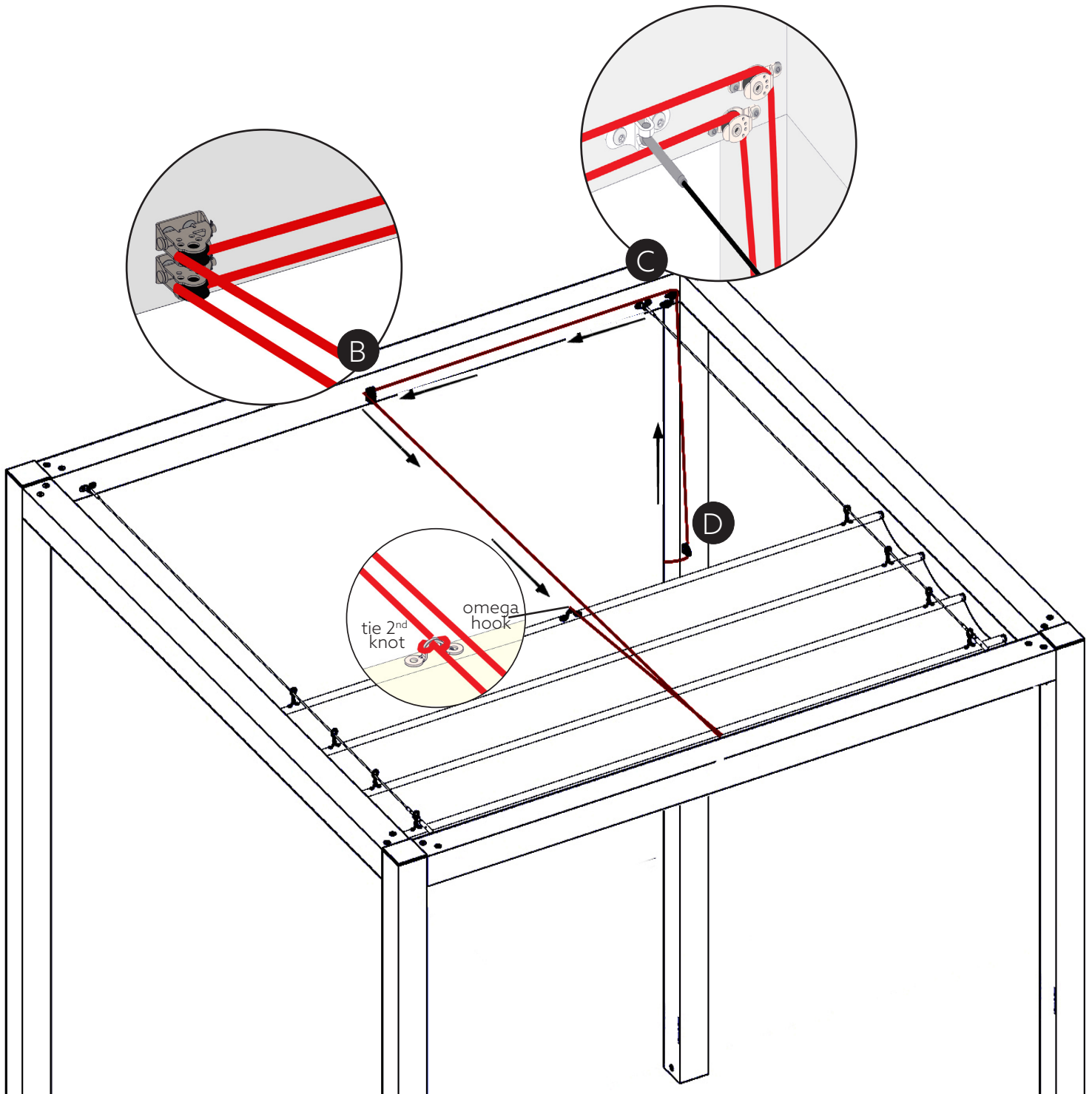
4 ROMAN SHADE ROOF INSTALLATION

Step 10

Bring the rope back up from the column (D), threading it through the two lower pulleys (C) & (B).

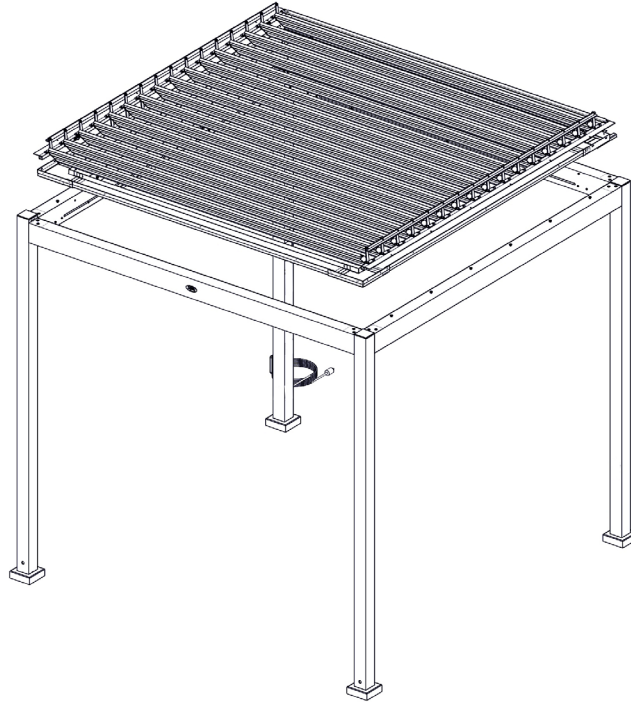
Step 11

Bring the rope from the front beam lower pulley (B) to the Omega bracket at the middle of the Roman Shade Roof front bar. Pull and tension the rope until it is taut, then tie the rope to the omega hook making a knot that can stay behind the Roman Shade Front Bar.








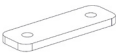

DO NOT FULLY TIGHTEN HARDWARE UNTIL THE END OF INSTALLATION








4 LOUVERED ROOF INSTALLATION



IMPORTANT:

IF YOU HAVE SIGNED UP TO USE THE "TUUCI ENGINEERING CONSULTING SERVICE" FOR TUUCI EQUINOX INSTALLATION SUPPORT, THE BASES MUST BE INSTALLED PRIOR TO THE ENGINEER'S ARRIVAL AT THE INSTALLATION SITE. BASES THAT ARE NOT INSTALLED PRIOR TO THE ENGINEER'S ARRIVAL WILL DELAY THE INSTALLATION PROCESS.

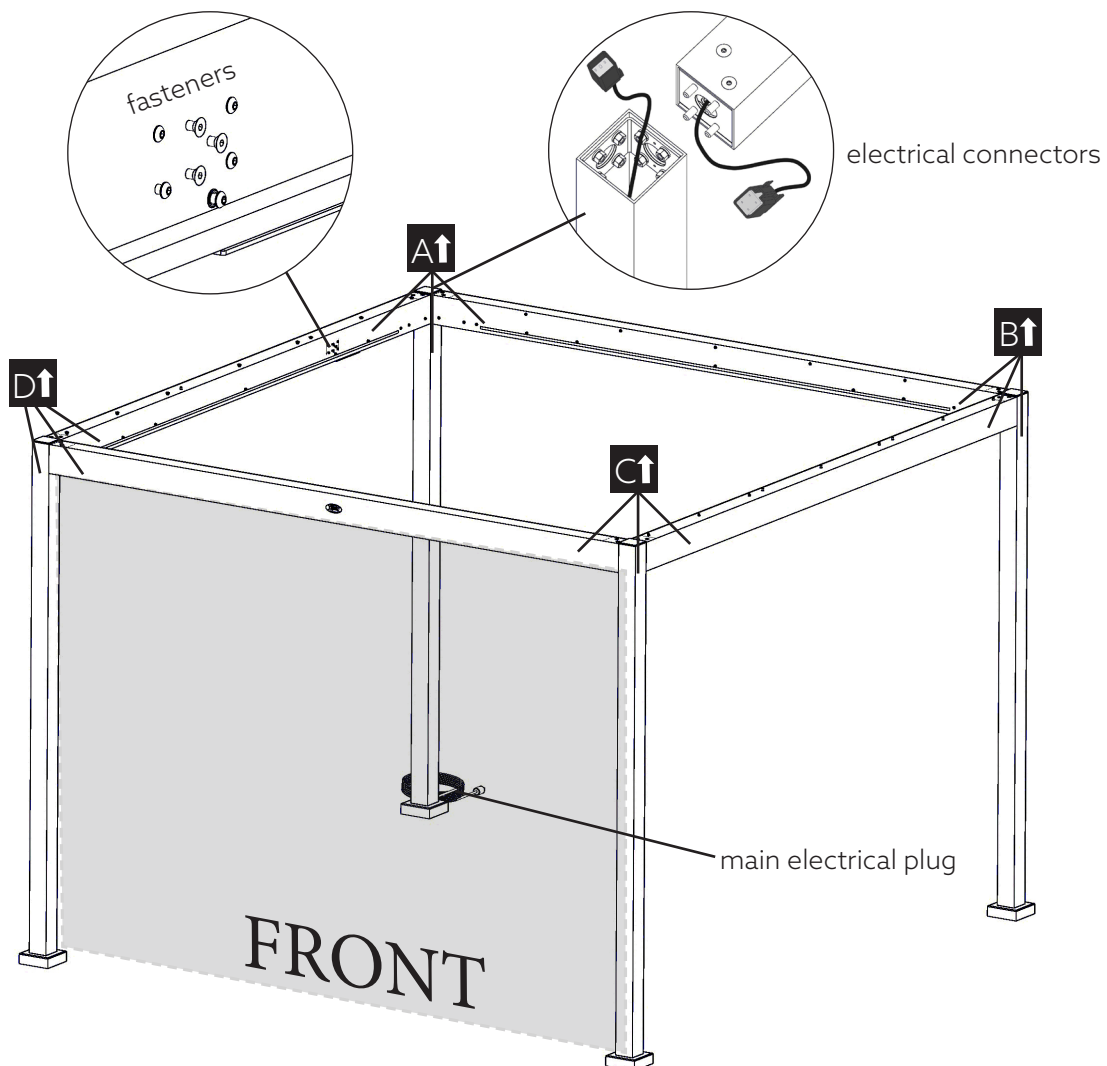
HARDWARE		
BAG	DESCRIPTION	
A	NUT P/N 40193	
	SCREWS P/N 40350	
B	INTERNAL GASKET	
C	LOUVER BEARING	
D	SCREWS P/N 40367	
	PLATE P/N 15419	
	LOUVER BEARING PLUG P/N 15421	

HARDWARE		
BAG	DESCRIPTION	
E	SCREW P/N 40101	
F	PIN & CLIP P/N 1005088	
	WASHERS P/N 1005089	
G	PIN & CLIP P/N 1005069	
	LOUVER END CAP BEARING P/N 15431	
	WASHER P/N 1005071	
H	LIMIT SWITCHES	

4 LOUVERED ROOF INSTALLATION

MUST VERIFY THE ITEMS BELOW BEFORE BEGINNING INSTALL

- ✓ Columns and beams (A,B,C,D) have been installed in the correct position
- ✓ Rear left column has main electrical plug at the base.
- ✓ Left horizontal beam has fasteners for mounting the actuator assembly.
- ✓ Rear left beam and column has internal electrical connectors.



WARNING:
TO PREVENT POTENTIAL INJURIES STEPS MUST BE FOLLOWED
IN THE EXACT ORDER OF THIS INSTRUCTIONAL MANUAL.

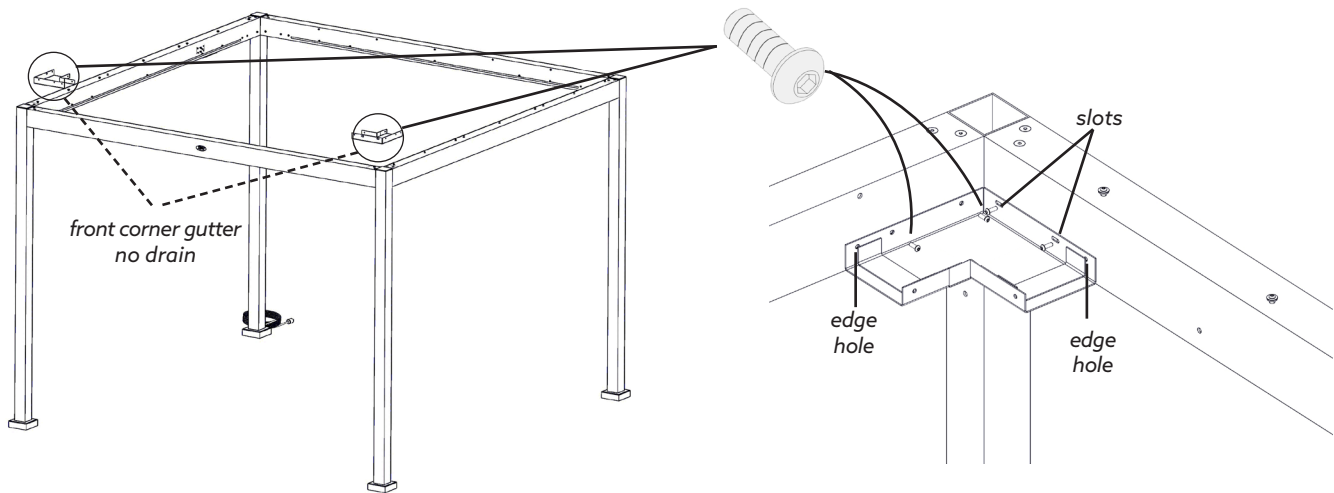
4 LOUVERED ROOF INSTALLATION

GUTTERS

Step 1

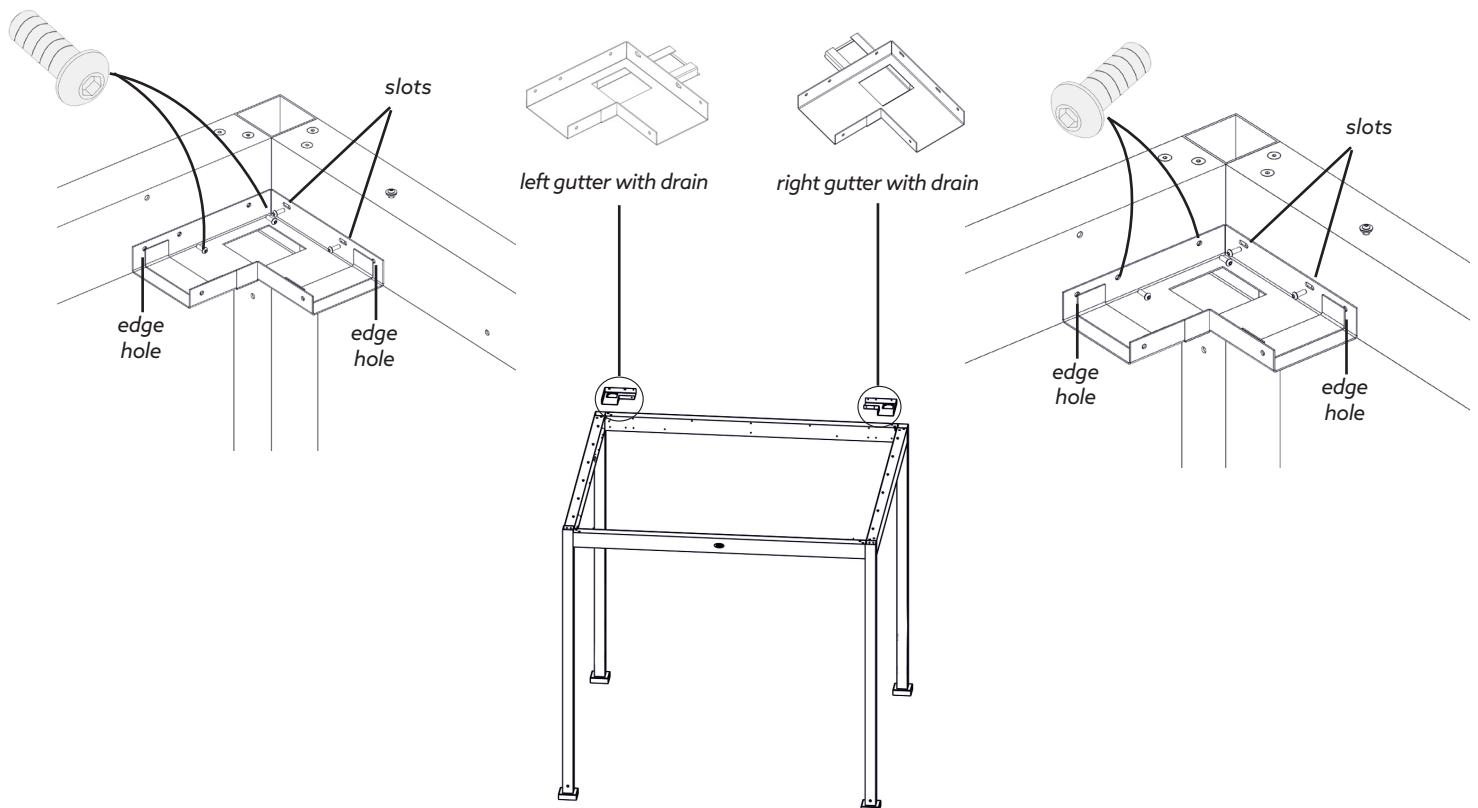
Remove pre-installed screws from front beam and slide in the front corner gutters with no drain through slots.

Note: Do not install hardware on edge holes yet, this will be applied at a later step.



Step 2 Remove pre-installed screws from rear beam and slide in the left and right corner gutters with drains through slots. The drains point towards the rear of the cabana.

Note: Do not install hardware on edge holes. This will be applied at a later step.



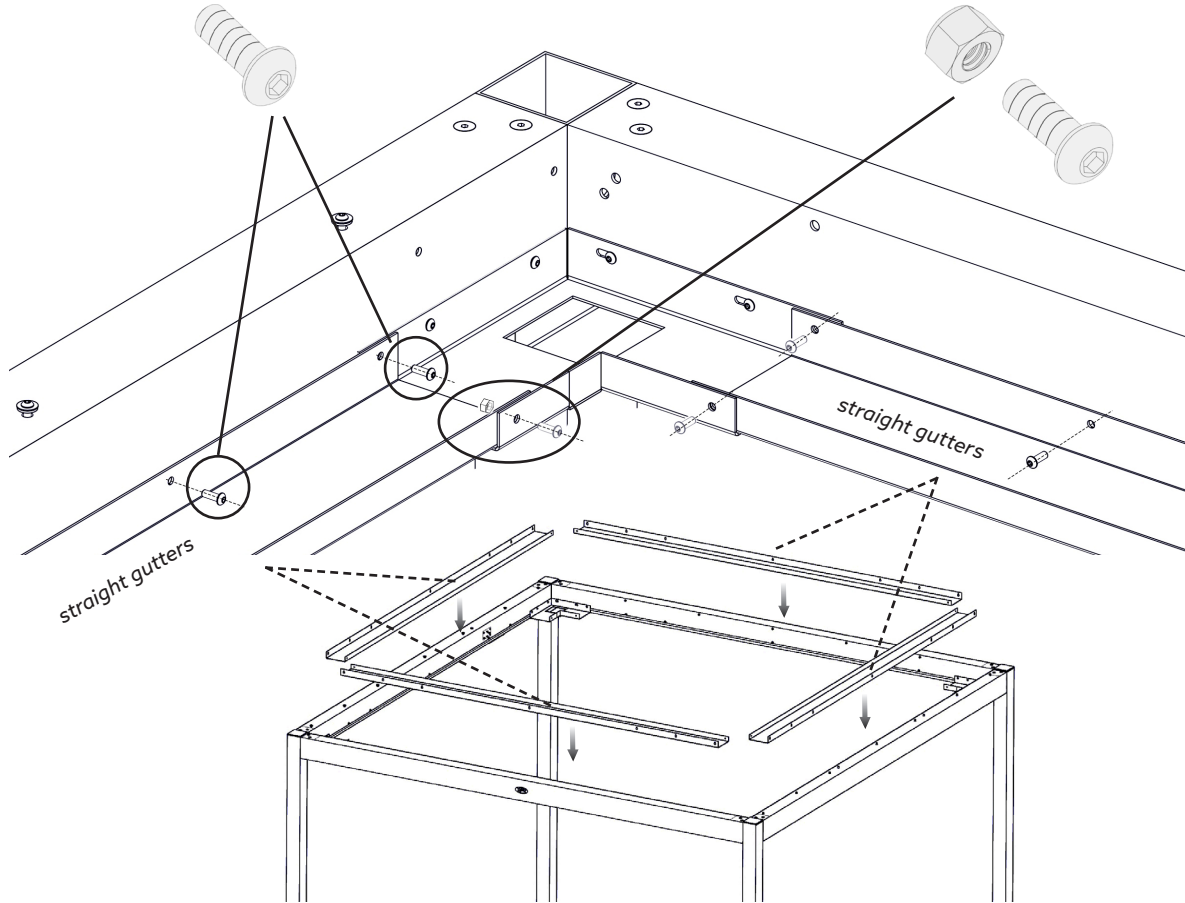
4 LOUVERED ROOF INSTALLATION

Step 3

Remove pre-installed screws from beam to install straight gutters.

Step 4

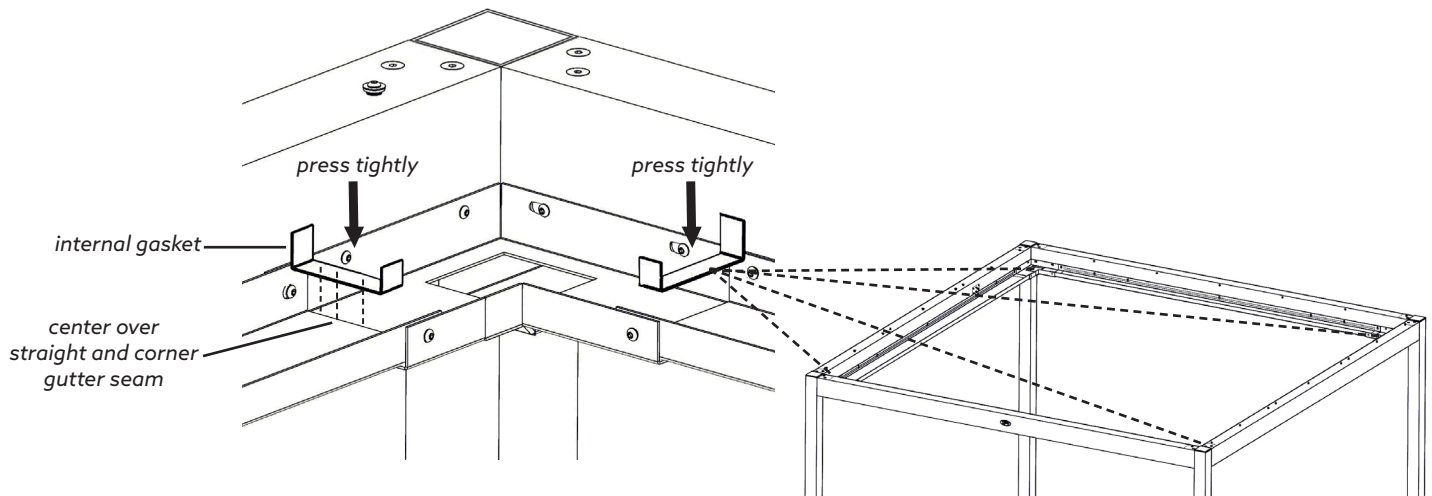
Secure straight gutters to corner gutters using the nut (p/n 40193) & screws (p/n 40350) from **BAG A**.



Step 5

Install internal gasket from **BAG B** over seam to seal gutters (center gasket over seam).

Seal gutters by placing gasket between straight and corner gutters. Gasket must be pressed tightly onto internal corners.

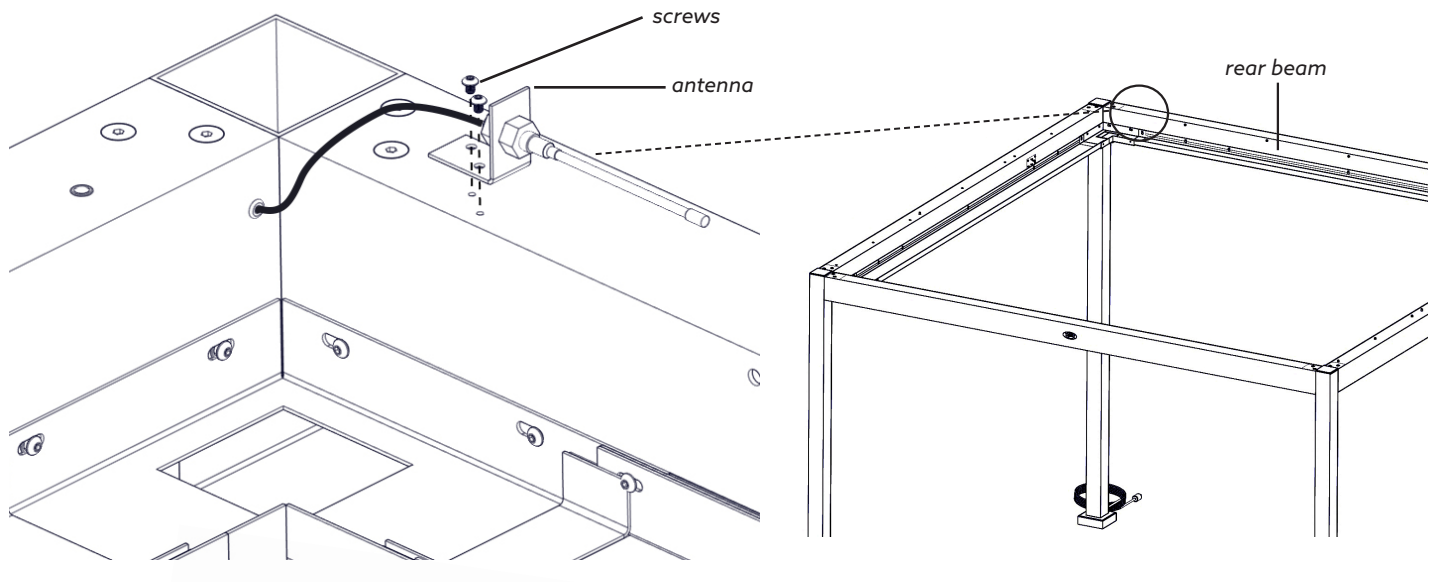


4 LOUVERED ROOF INSTALLATION

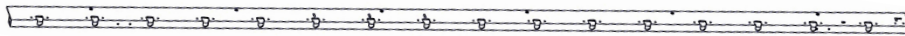
ANTENNA

Step 6

Remove pre-installed screws to install antenna to rear beam.

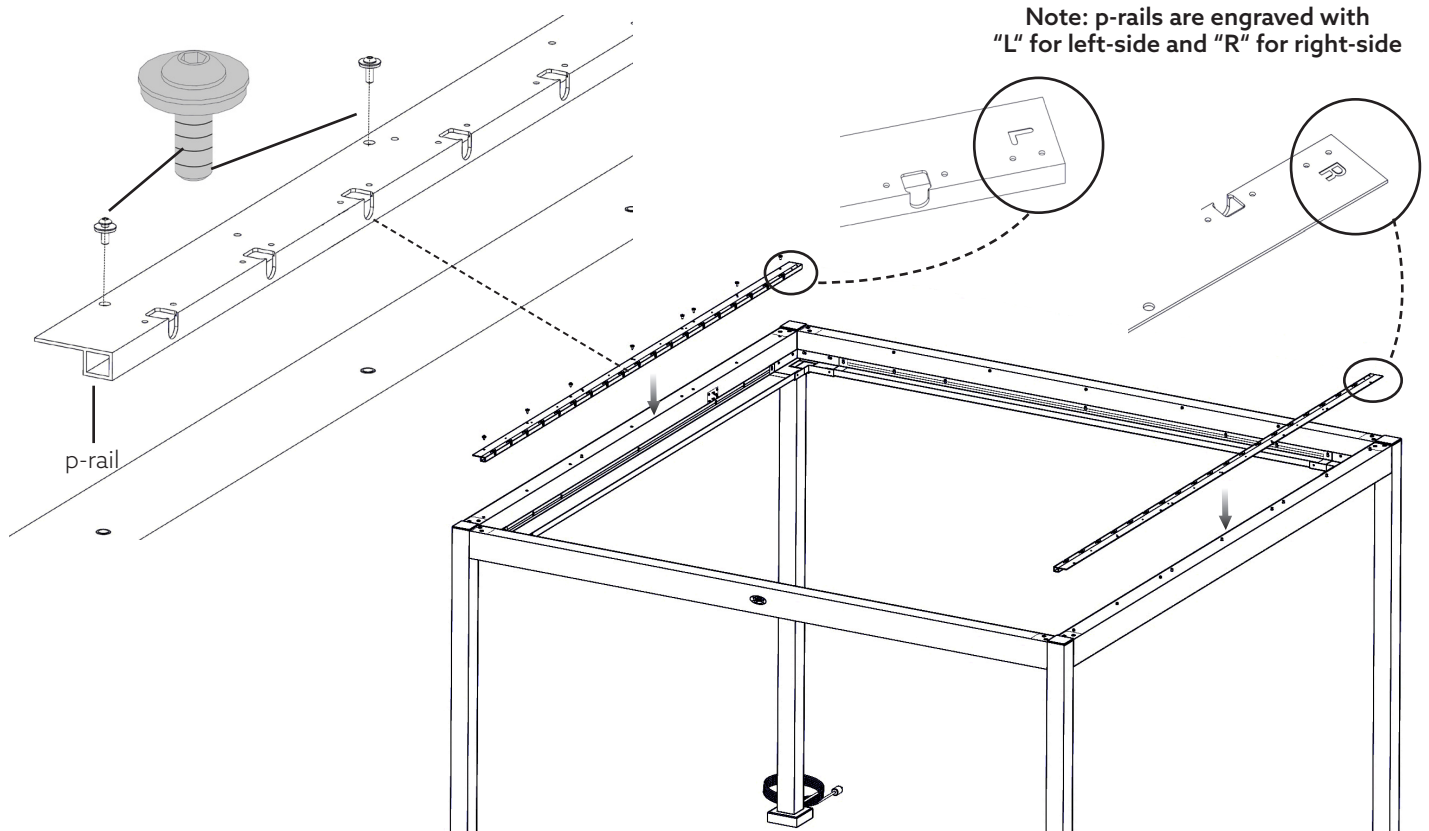


P-RAIL



Step 7

Remove pre-installed screws and washers to mount left and right p-rail on beams.



4

LOUVERED ROOF INSTALLATION

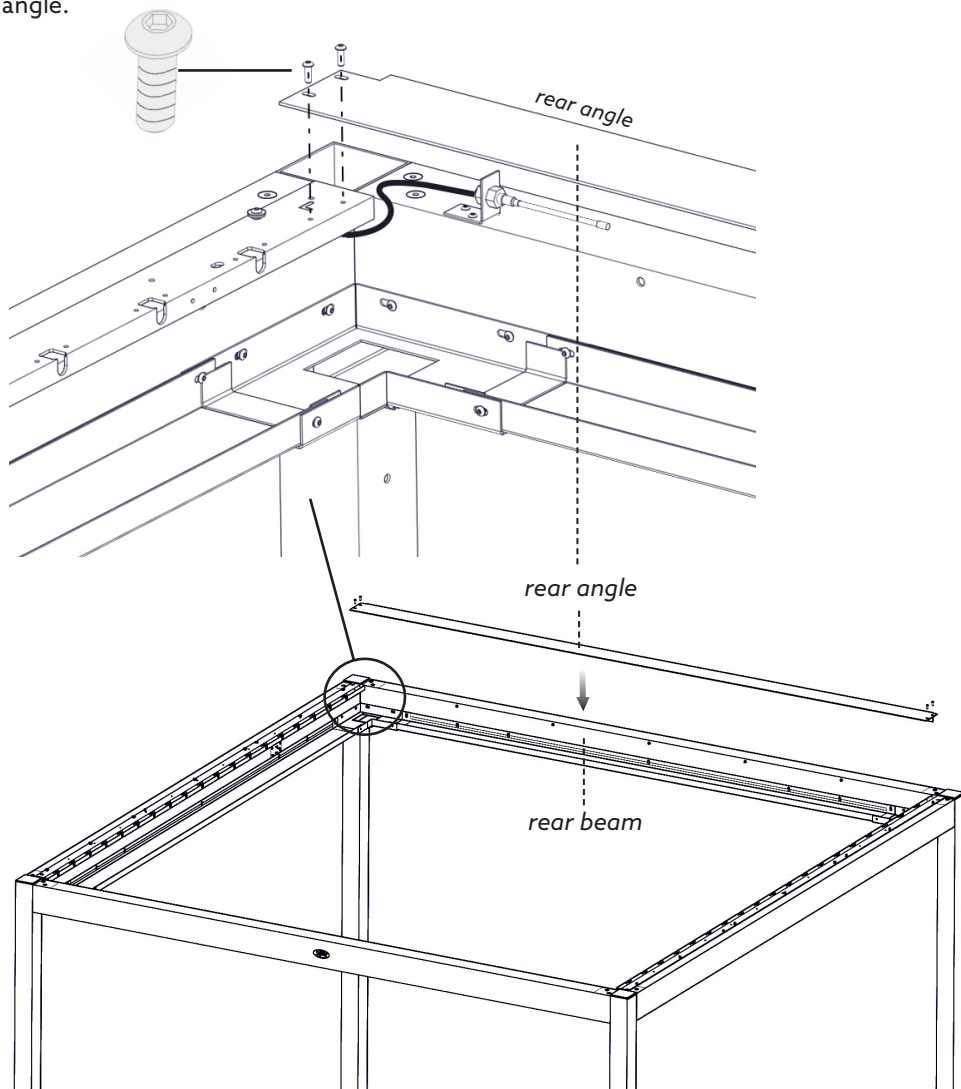
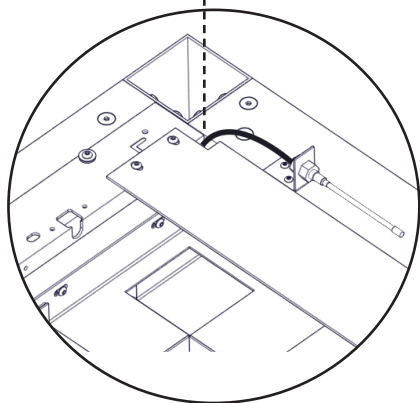
REAR ANGLE

Step 8

Remove pre-installed screws to mount rear angle.

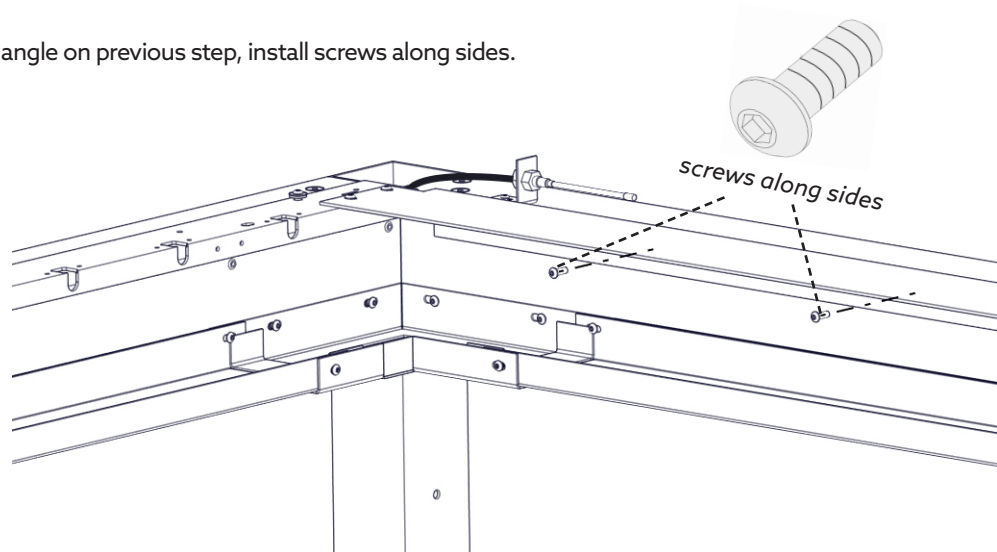
Note:

The cable must pass through the rear angle from below.



Step 9

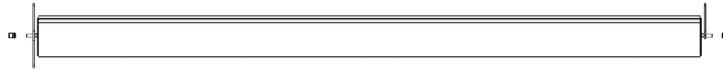
After mounting rear angle on previous step, install screws along sides.



4 LOUVERED ROOF INSTALLATION

WARNING:
TO AVOID POTENTIAL INJURY, THE 3 MIDDLE LOUVERS MUST BE INSTALLED BEFORE
INSTALLING THE REAR AND FRONT LOUVERS.

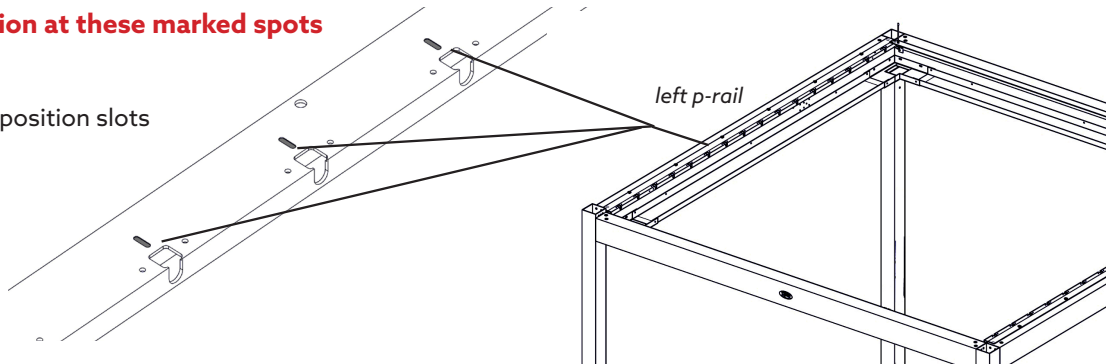
MIDDLE LOUVERS



Note: start louver installation at these marked spots

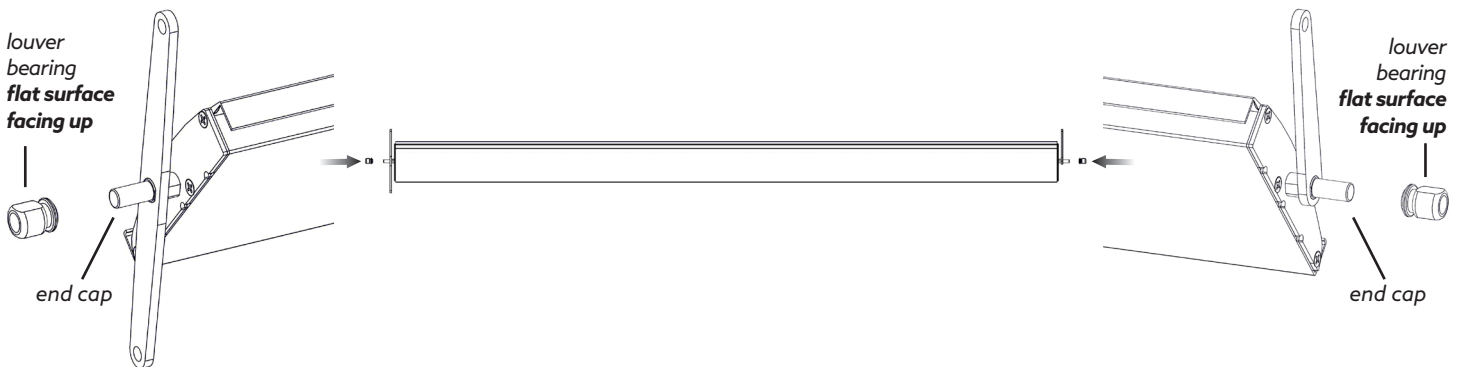
Step 10

Locate the 3 engraved middle position slots on the left p-rail.



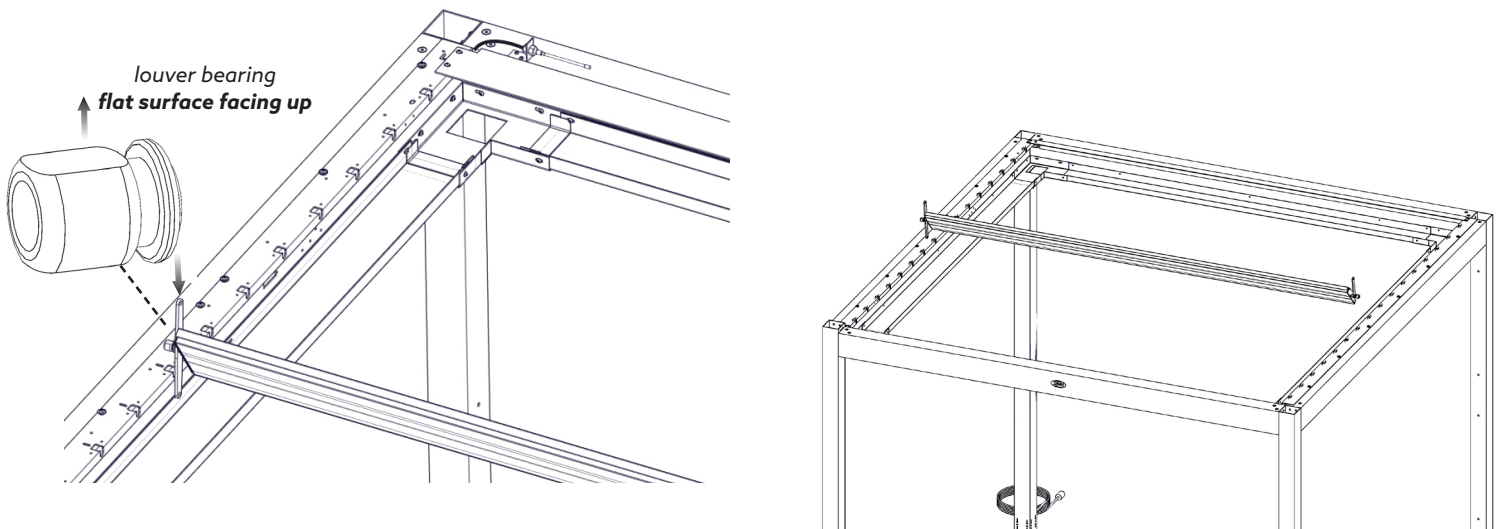
Step 11

Slide louver bearing from **BAG C** into shaft of both louver end caps with the flat surface facing up.



Step 12

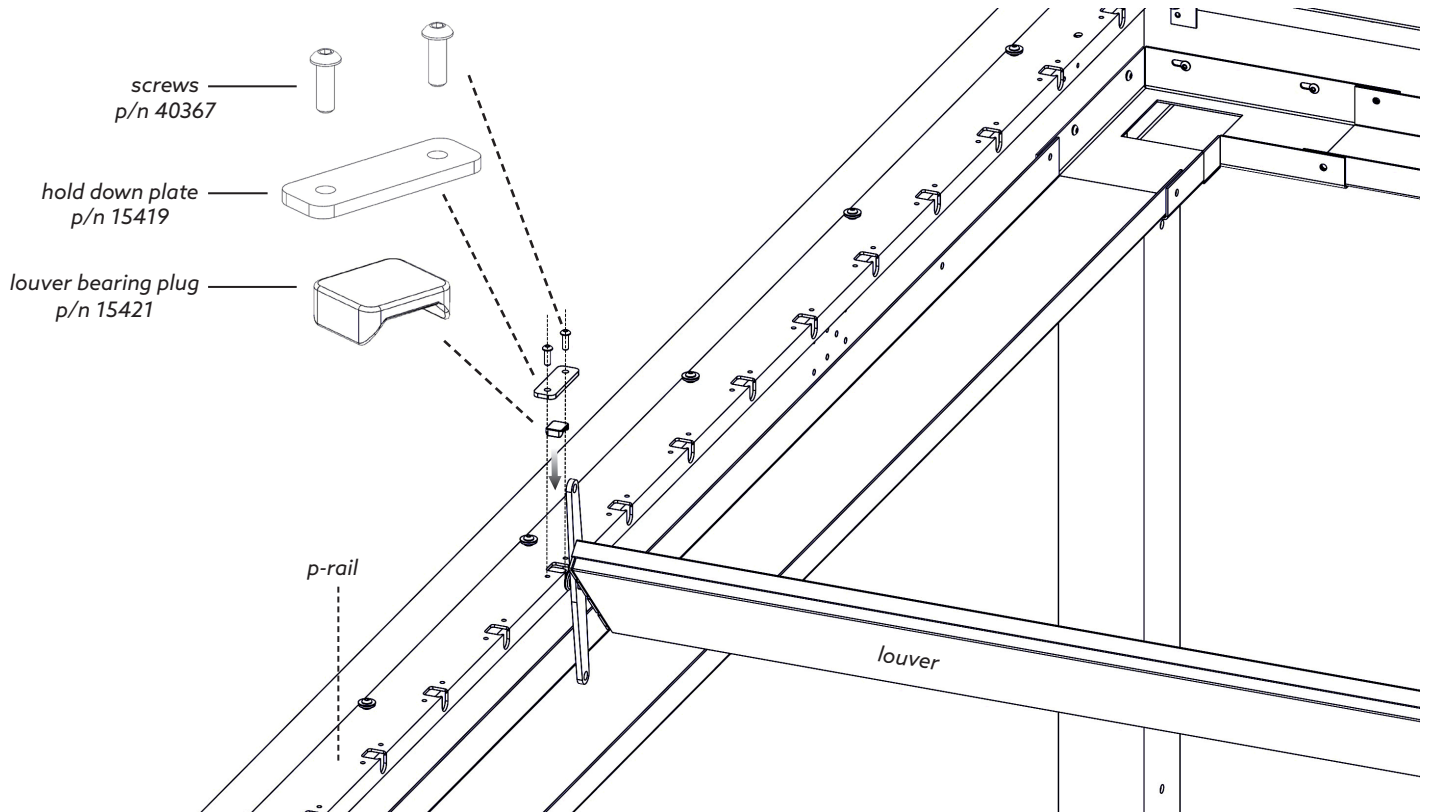
Bring louver above cabana and drop into place on p-rails in the marked position.



4 LOUVERED ROOF INSTALLATION

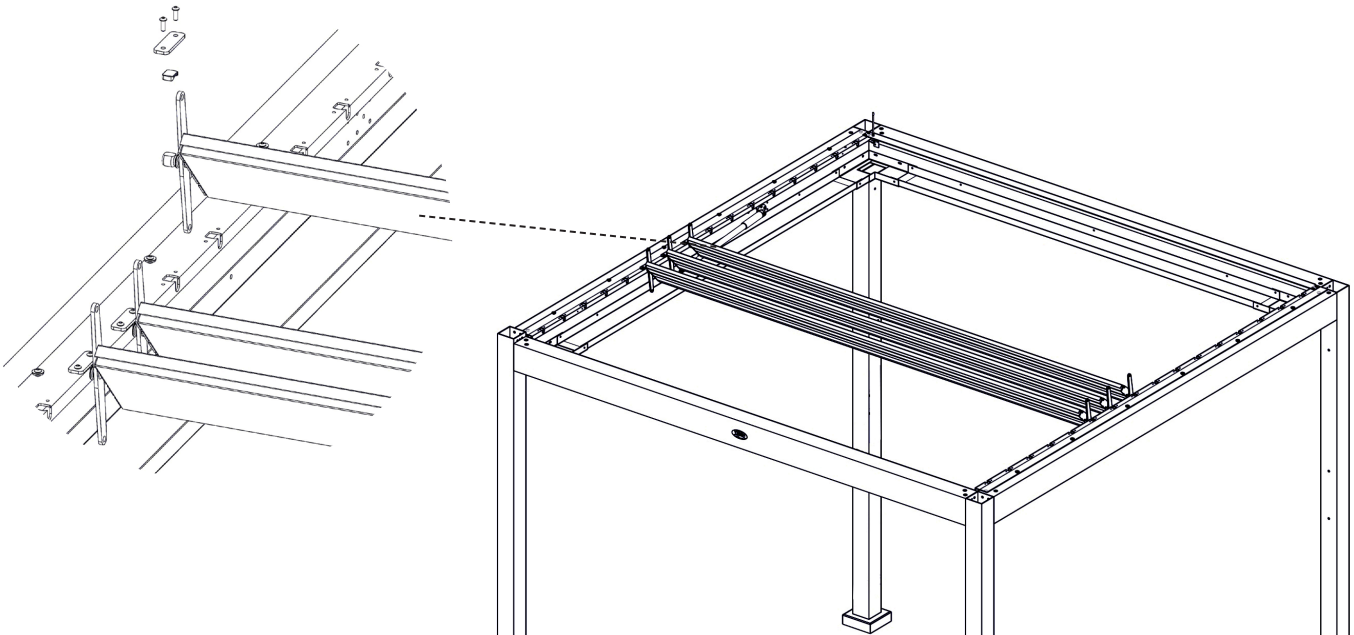
Step 13

Lock louver in place using louver bearing plug (p/n 15421), hold down plate (p/n 15419), and screws (p/n 40367) from **BAG D**.



Step 14

Repeat steps on the 2 remaining middle louvers.

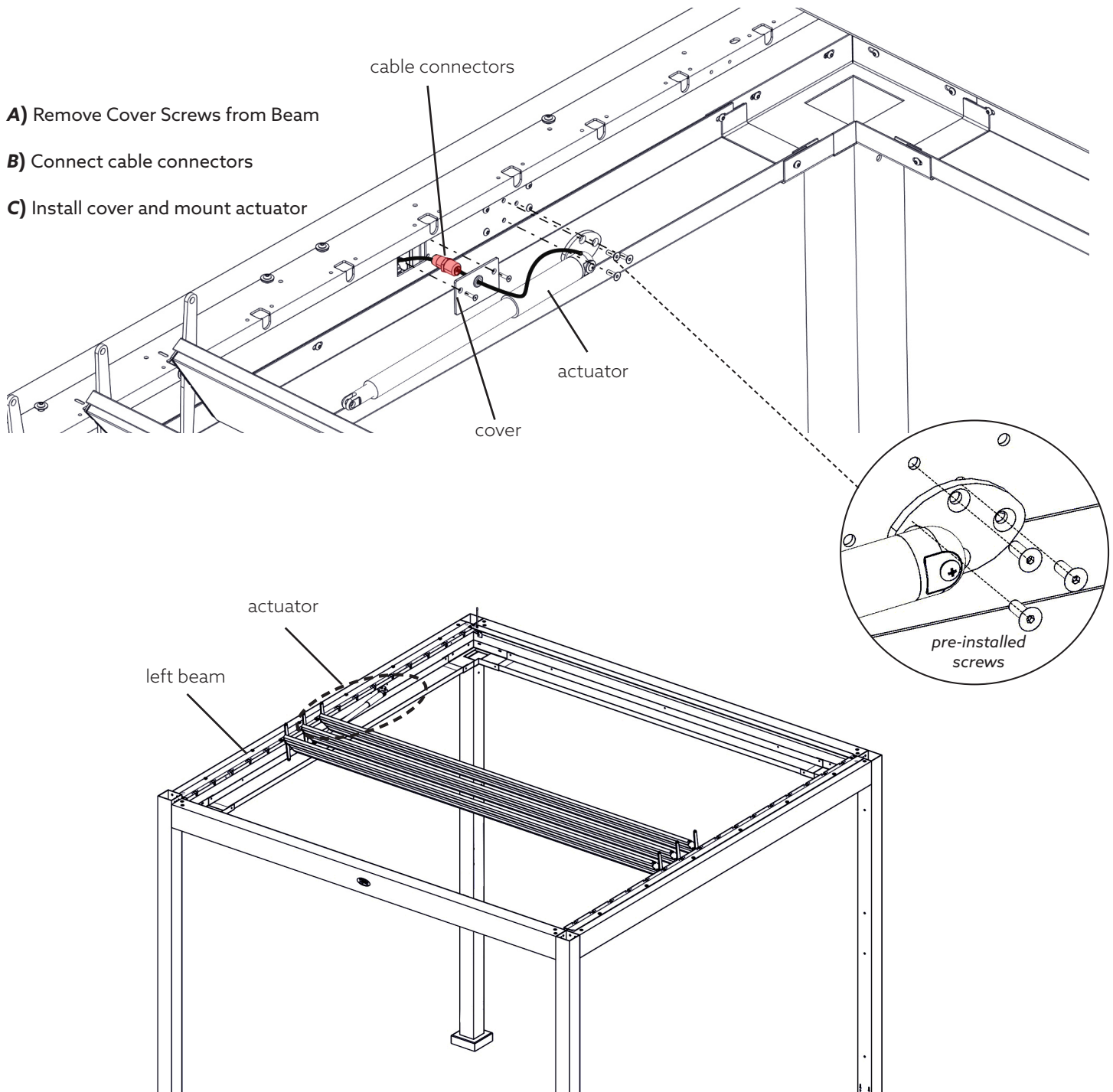


4 LOUVERED ROOF INSTALLATION

ACTUATOR

Step 15

Install actuator onto left beam using pre-installed screws by following steps A, B and C.



4 LOUVERED ROOF INSTALLATION

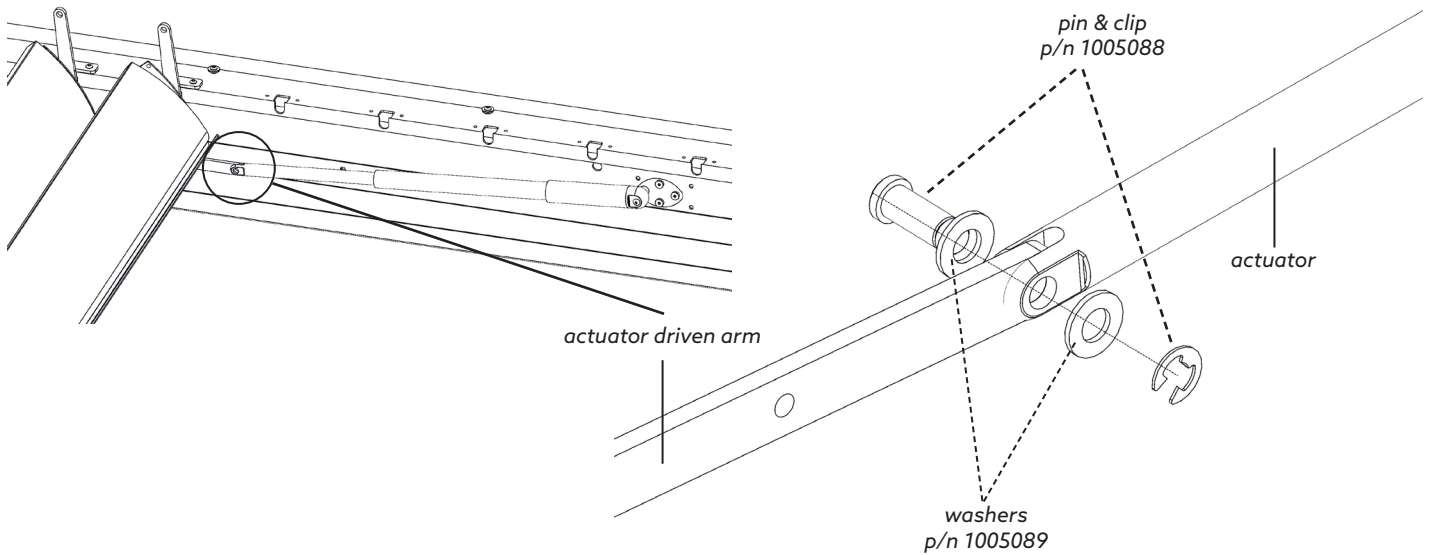
ACTUATOR DRIVEN ARM



SAFETY NOTE:
THE ACTUATOR PREVENTS THE LOUVERS FROM MOVING UNEXPECTEDLY AND PINCHING HANDS AND FINGERS DURING FURTHER ASSEMBLY STEPS.

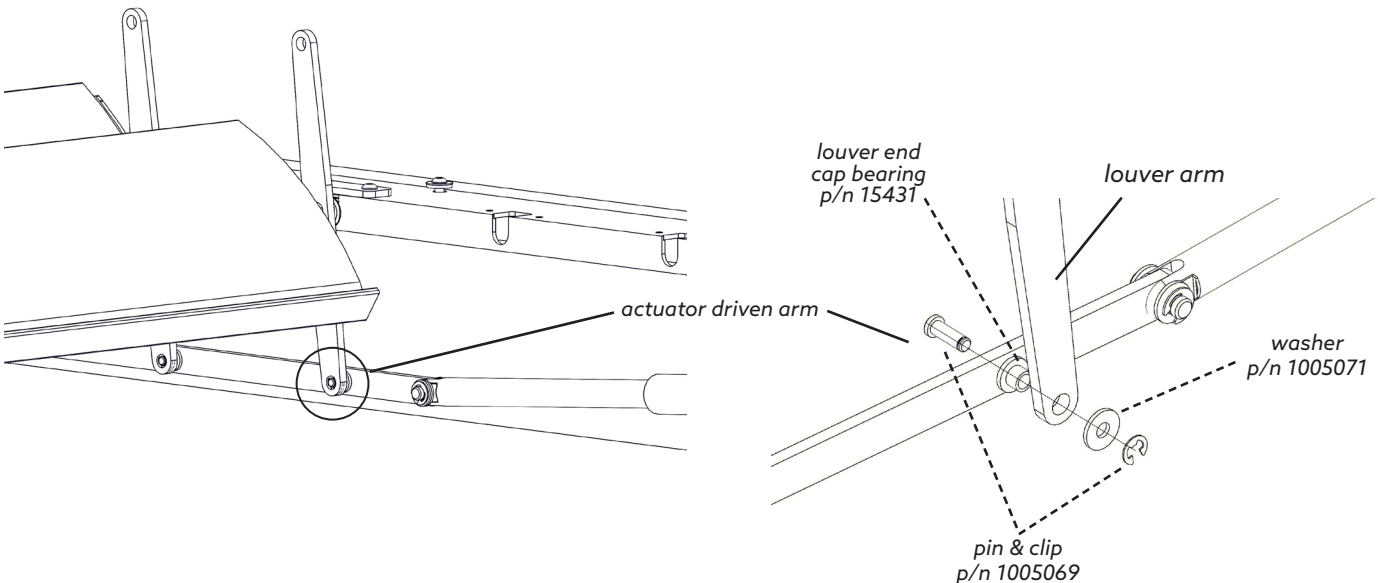
Step 16

Attach the actuator driven arm to the actuator using pin & clip (p/n 1005088) and the washers (p/n 1005089) from **BAG F** as shown in diagram below.



Step 17

Attach the actuator driven arm to the louver arm using pin & clip (p/n 1005069), louver end cap bearing (p/n 15431) and washer (p/n 1005071) from **BAG G** as shown in diagram below.



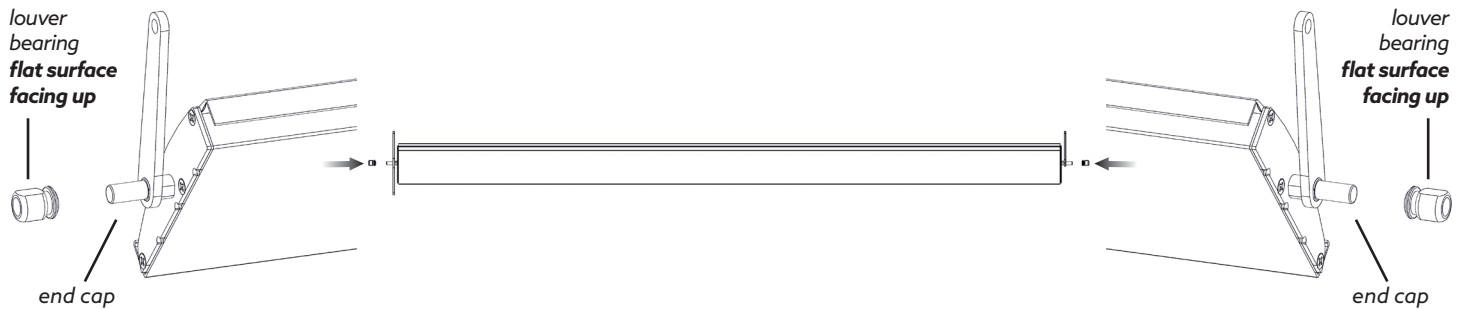
4 LOUVERED ROOF INSTALLATION

WARNING:
TO AVOID POTENTIAL INJURY, THE 3 MIDDLE LOUVERS MUST BE INSTALLED BEFORE
INSTALLING THE REAR AND FRONT LOUVERS.

REAR LOUVERS

Step 18

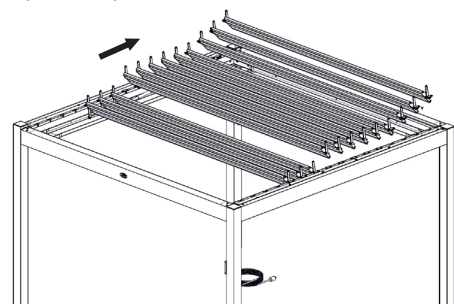
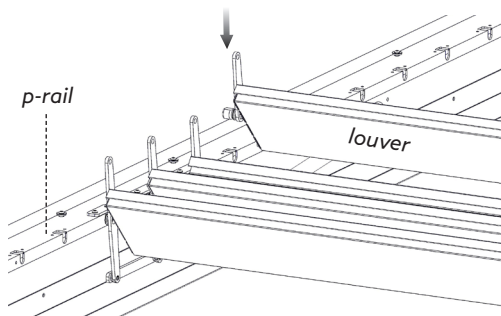
Slide louver bearing from **BAG C** into shaft of both louver end caps with the flat surface facing up.



Step 19

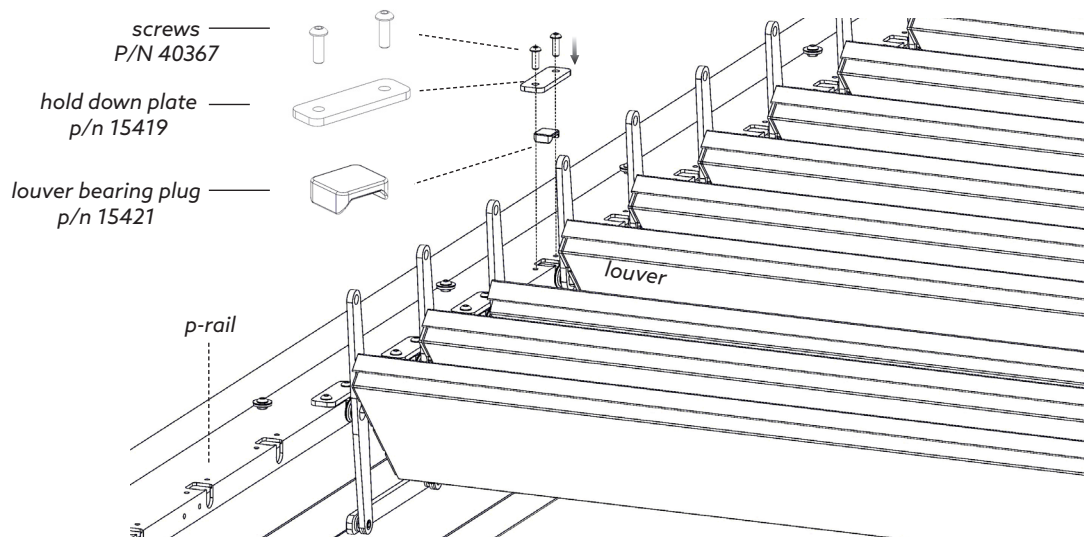
Bring louver above cabana and drop into place in p-rails.

Mount louvers starting from the middle and work your way towards the rear of cabana.



Step 20

Lock louver in place using louver bearing plug (p/n 15421), hold down plate (p/n 15419) and screws (p/n 40367) from **BAG D**.



Step 21

Repeat steps on the remaining rear louvers.

4 LOUVERED ROOF INSTALLATION

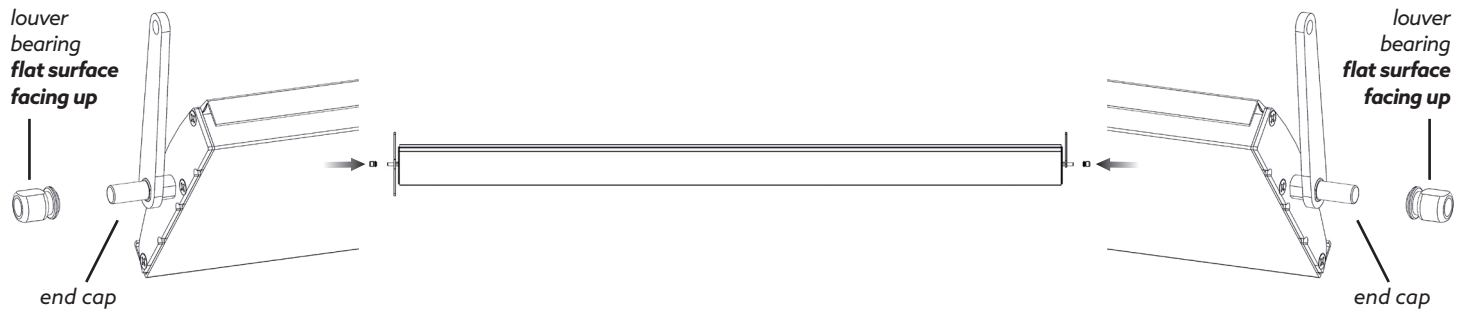
WARNING:

TO AVOID POTENTIAL INJURY, THE 3 MIDDLE LOUVERS MUST BE INSTALLED BEFORE INSTALLING THE REAR AND FRONT LOUVERS.

FRONT LOUVERS

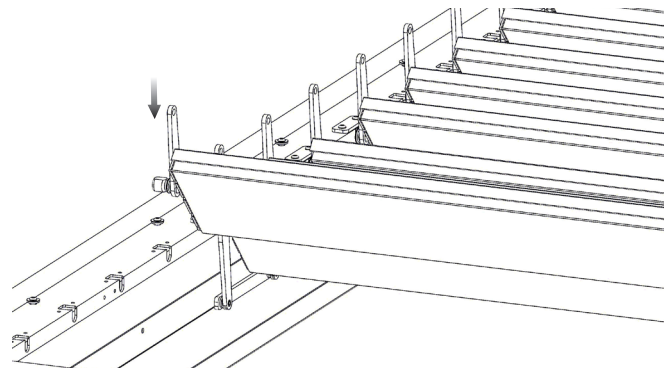
Step 22

Slide louver bearing from **BAG C** into shaft of both louver end caps.

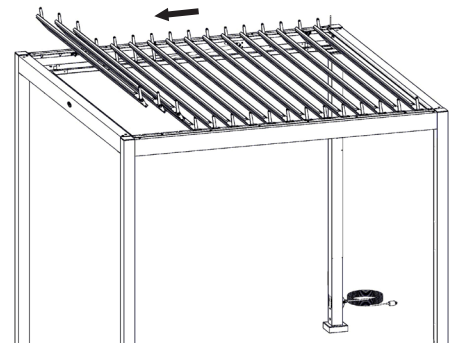


Step 23

Bring louver above cabana and drop into place in p-rails.

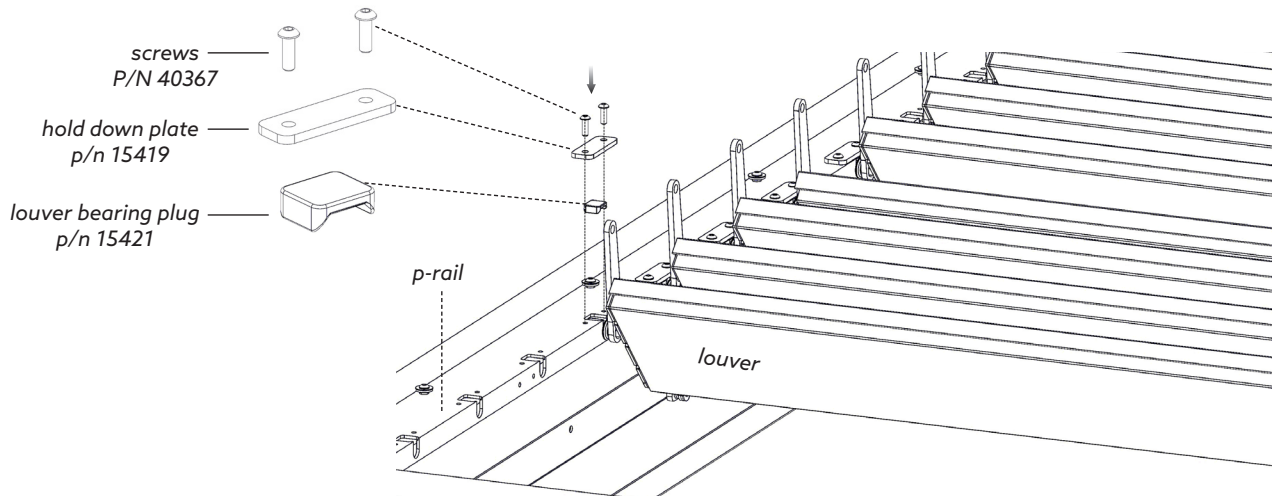


Mount louvers starting from the middle and work your way towards the front of cabana.



Step 24

Lock louver in place using louver bearing plug (p/n 15421), hold down plate (p/n 15419) and screws (p/n 40367) from **BAG D**.



Step 25

Repeat steps on the remaining front louvers.

4 LOUVERED ROOF INSTALLATION

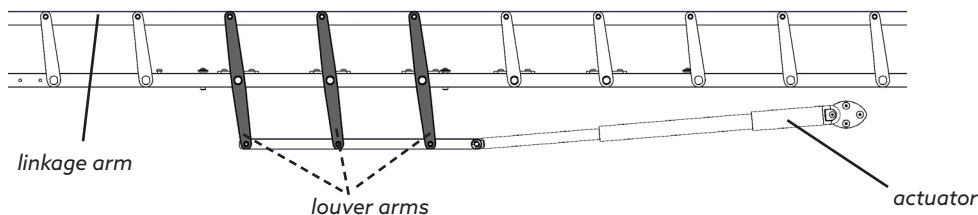
LINKAGE ARM



Step 26

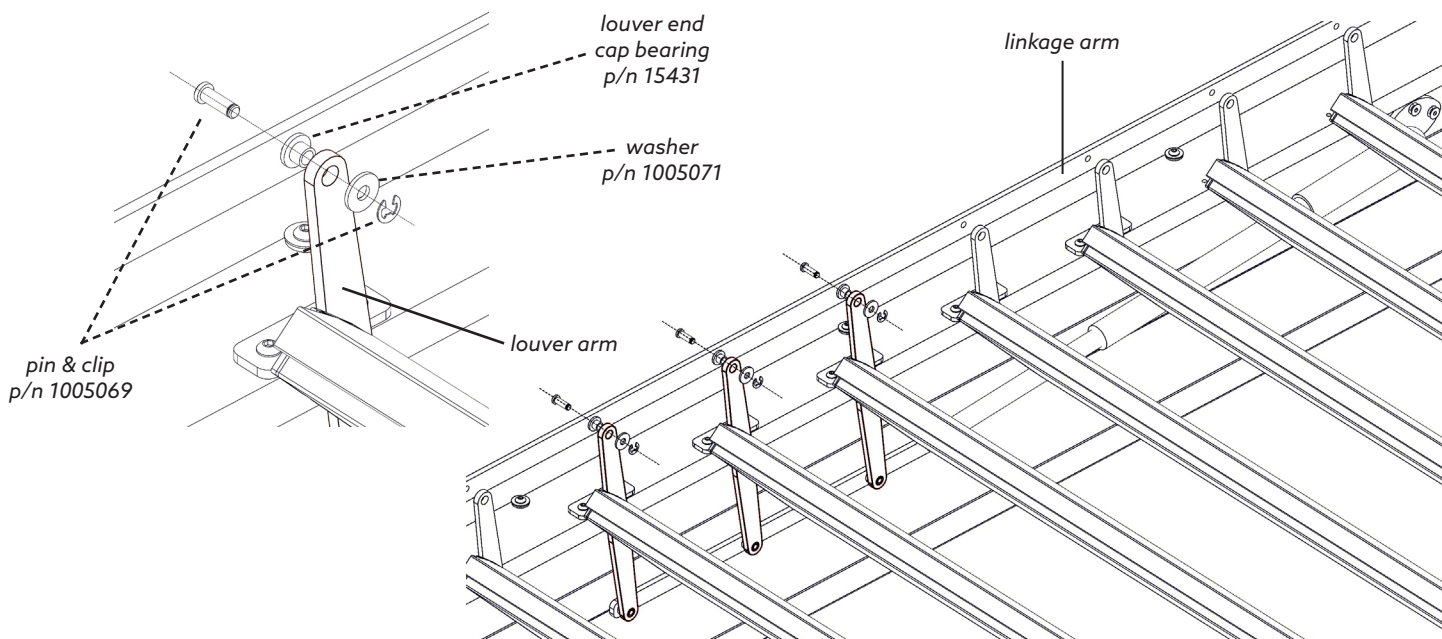
Locate the 3 middle louvers connected to the actuator.

For safety reasons the linkage arm must be installed first to the 3 louver arms with the actuator.



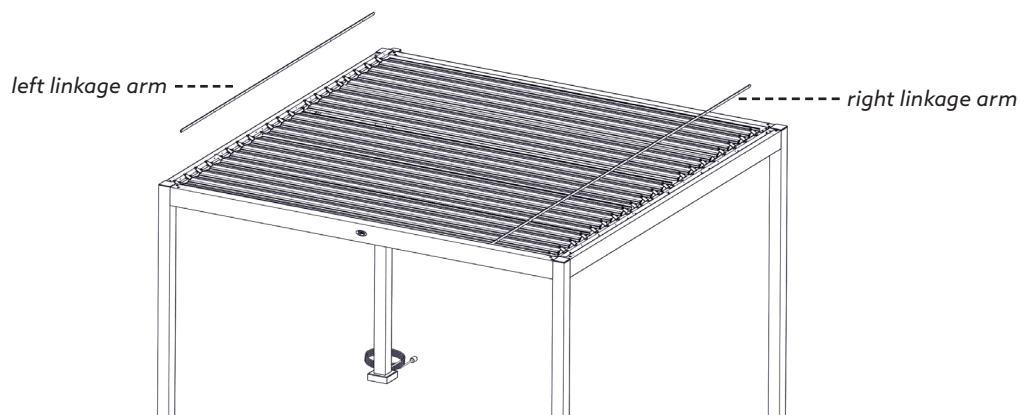
Step 27

Attach the linkage arm to the louver arm using pin & clip (p/n 1005069), louver end cap bearing (p/n 15431) and washer (p/n 1005071) from **BAG G** as shown in diagram below.



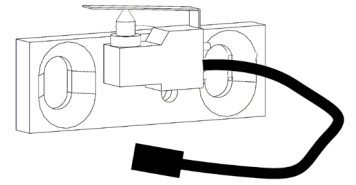
Step 28

When the first 3 arms are attached, proceed attaching the remaining arms on both the left and right side of the cabana.



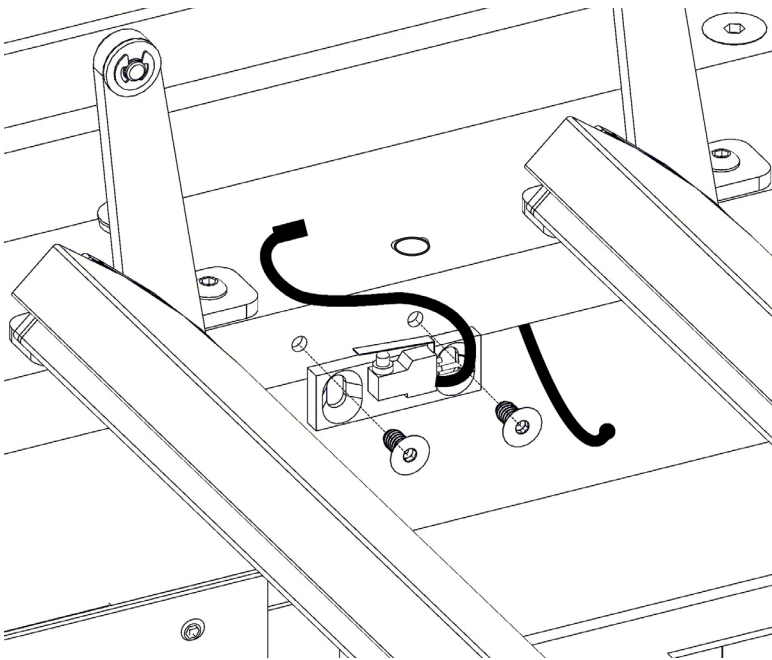
4 LOUVERED ROOF INSTALLATION

FRONT LIMIT SWITCH FOR FULLY CLOSED ROOF POSITION

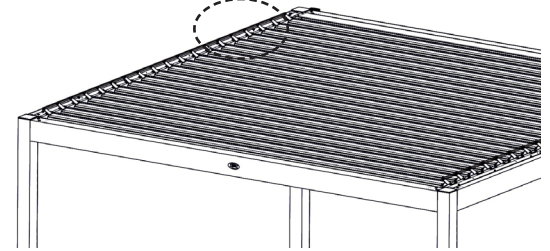


Step 29

Install rear limit switch using screws from BAG E.

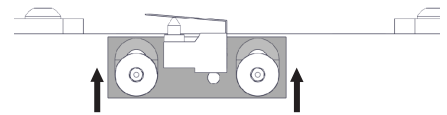


rear limit switch



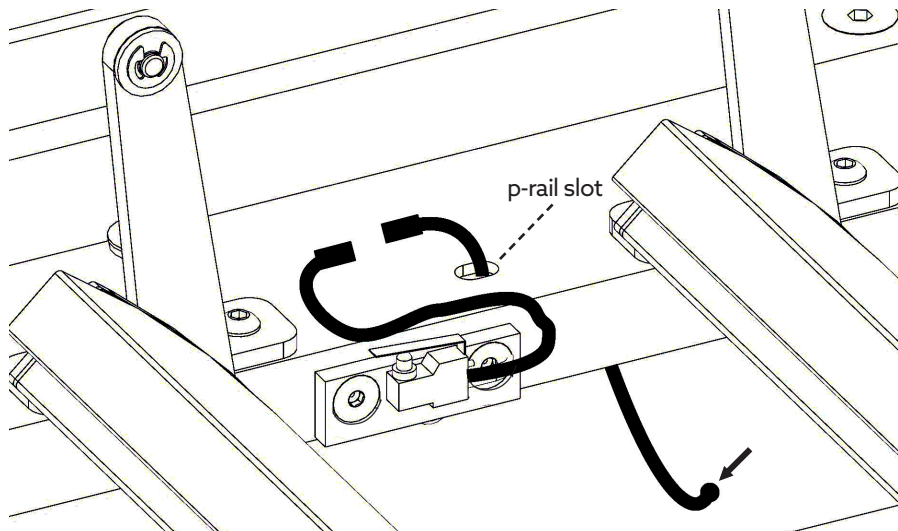
Note:

Install the rear limit switch at highest position.



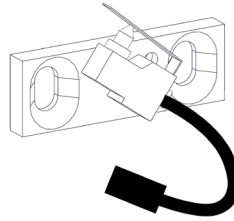
Step 30

Run electrical wire through p-rail slot and connect wires.



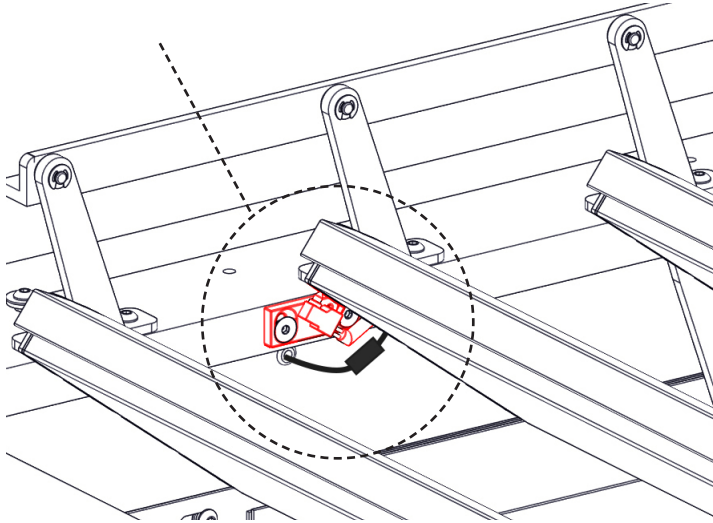
4 LOUVERED ROOF INSTALLATION

FULLY CLOSE FRONT LIMIT SWITCH

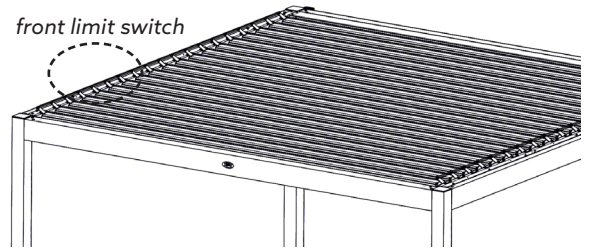


Step 31

Install front limit switch using screws from BAG E and connect electrical wires.

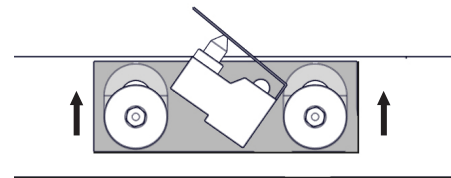


front limit switch



Note:

Install the front limit switch at highest position.



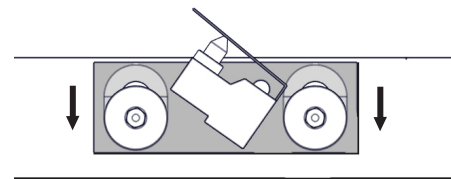
Step 32

Using the remote control test that the louvered roof opens and closes correctly.



Step 33

If the roof doesn't close completely adjust the front limit switch to a lower position and re-test using the remote control.



INSTALLATION IS COMPLETE IF THE LOUVERED ROOF SYSTEM OPENS AND CLOSES CORRECTLY.

IN THE EVENT THAT THE SYSTEM DOES NOT OPERATE CORRECTLY FOLLOW STEPS 34 TO 45 TO RE-PROGRAM THE CONTROL BOX.

4 LOUVERED ROOF INSTALLATION

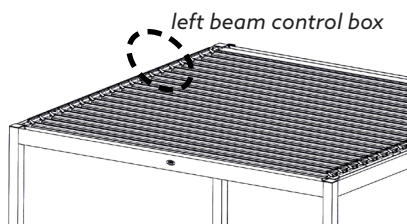
IF APPLICABLE FOLLOW STEPS 34 TO 45 TO RE-PROGRAM THE CONTROL BOX.
(If your louvered roof opens and closes correctly you do not need to proceed with the steps below).

HOW TO PROGRAM THE LOUVER ROOF CONTROL BOX

RESETTING THE CONTROL BOX TO FACTORY MODE



Clear the control box memory:
Press the PROG button on the circuit board for greater than 7 seconds until all the indicator lights on the circuit board light up.

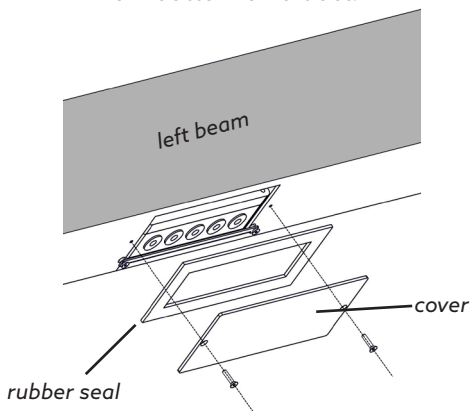


Step 34

To initiate programming, you must first access the circuit board by following Steps A, B, and C.

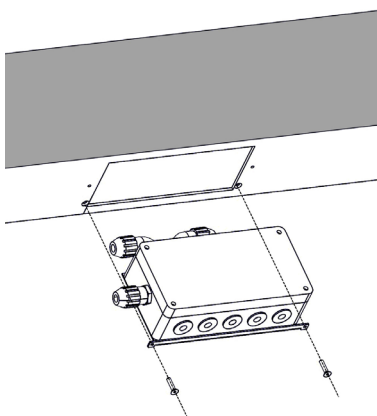
A

Remove screws, cover and rubber seal from bottom of left beam



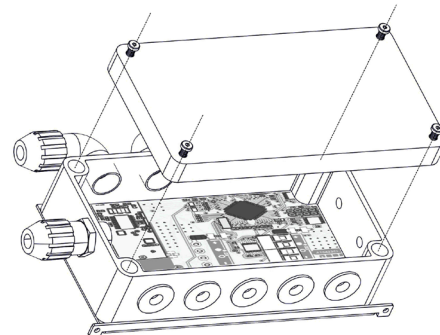
B

Remove screws and control box. Tilt at an angle to remove box.

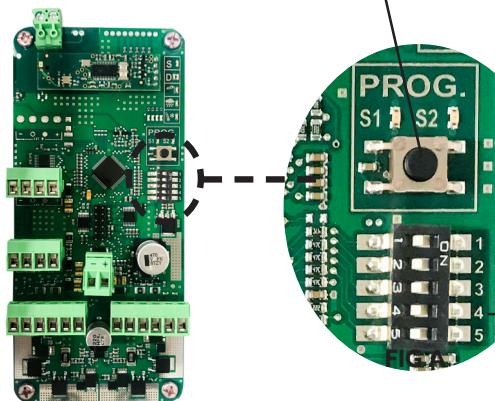


C

Loosen screws and remove control box cover



PROGRAM button



WARNING:

THE TEMPERATURE SENSOR (SWITCH 4) INSIDE THE CONTROL BOX MUST REMAIN IN THE FACTORY SETTING "ON" POSITION TO AVOID LOUVER MALFUNCTION AND DAMAGE DURING FREEZING CONDITIONS.

SWITCH 4

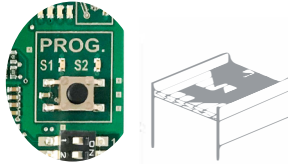
ON	Activates the temperature sensor
OFF	Deactivates the temperature sensor

4 LOUVERED ROOF INSTALLATION

Step 35

Press & hold the PROG. button on the circuit board until both S1 and S2 LEDs flash and the motor jogs.

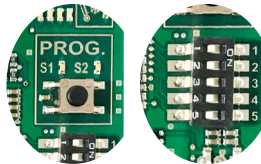
SEE FIG A
ON PREVIOUS PAGE



Step 36

Briefly press the PROG. button to select motor S1 to program. S1 LED will light to confirm the motor is ready to be programmed.

SEE FIG A
ON PREVIOUS PAGE



Step 37 (If applicable for multiple cabanas)

On a multi-channel RTS control, select the desired channel to be programmed.



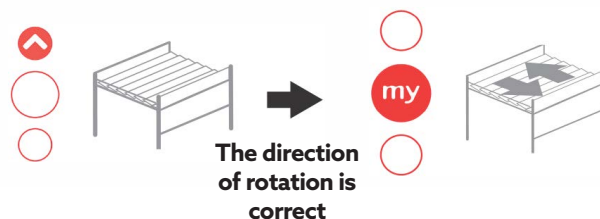
Step 38

Briefly press UP and DOWN simultaneously and the motor will jog.



Step 39

Check the direction of operation by pressing the UP button to confirm the roof opens.



Note: If the roof closes, the direction of rotation is incorrect.

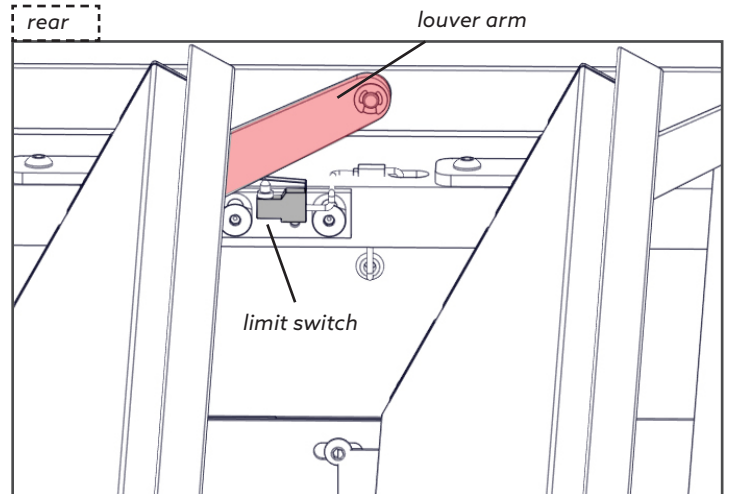
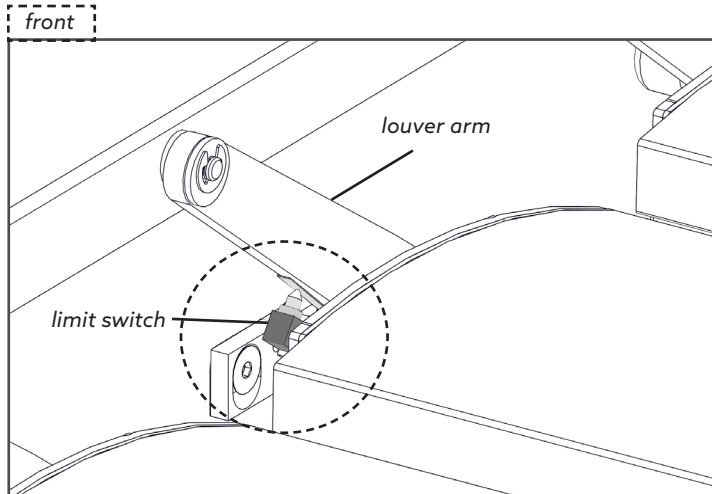
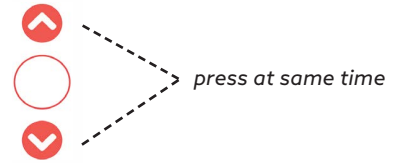
To change the direction of the roof press & hold MY button until the motor jogs.
The rotation direction has been modified

4 LOUVERED ROOF INSTALLATION

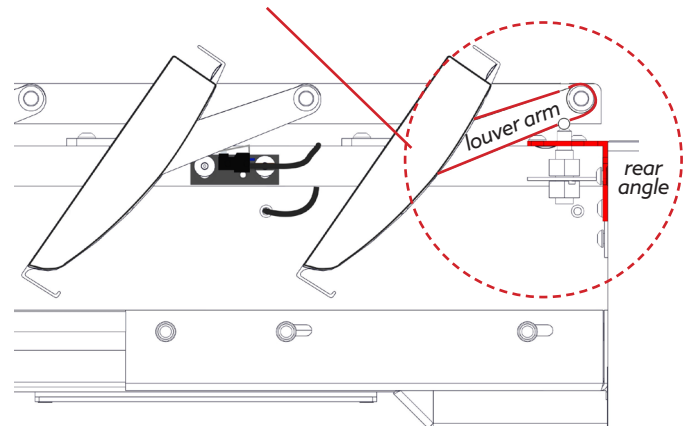
Step 40

On the remote control set the end limits by briefly pressing both UP and DOWN buttons at the same time to initiate the end limit (self-learning) process.

Do not interrupt the movement, the drive will automatically search for its end limits.

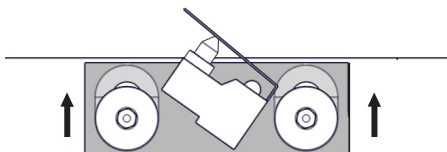


CAUTION:
LOUVER ARM MUST NOT MAKE CONTACT WITH REAR ANGLE



Step 41

Confirm that the front limit switch is at its highest position.



4 LOUVERED ROOF INSTALLATION

Step 42

Snow/ice position and validation

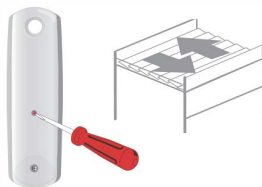
Use the UP or DOWN buttons to run the motor to the vertical position for ice/snow
Press & hold the MY button until the motor Jogs to confirm the settings.



Step 43

Pairing the remote control

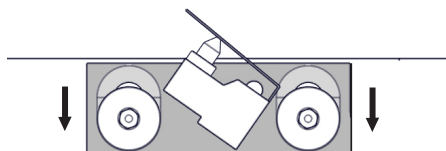
Briefly press the PROGRAMMING button on the back of the remote control. The motor jogs.



Once the programming stage is completed please set the front limit switch to the lower position

Step 44

If the roof doesn't close completely adjust the front limit switch to a lower position



Step 45

Add or delete a wind and/or rain sensor

Refer to the sensor installation manual to add or delete a wind and/or rain sensor.

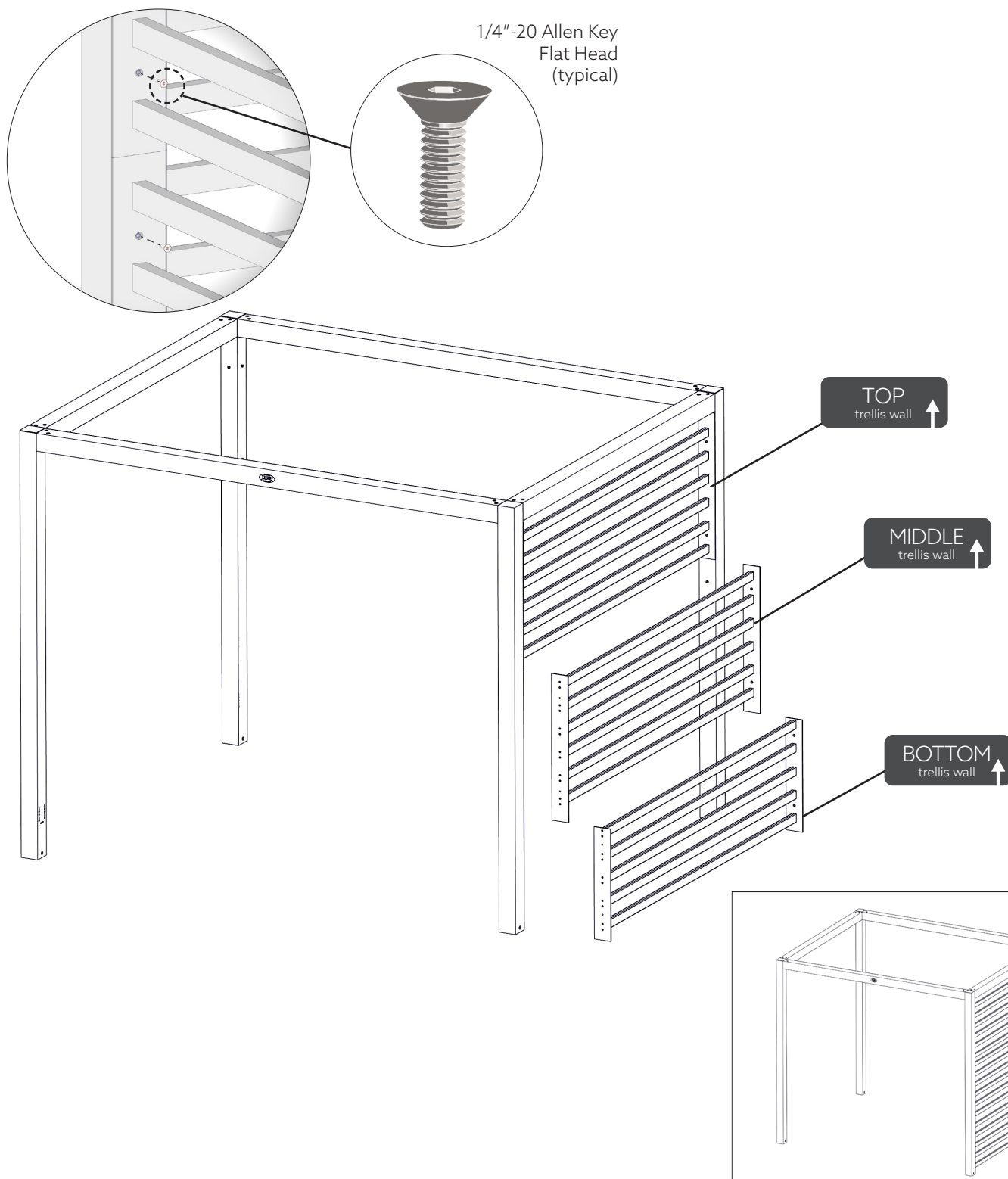
KEEP REMOTE INDOORS WHEN NOT IN USE



5 ASSEMBLE TRELLIS WALL

Step 1:

Install trellis walls using 1/4"-20 Allen Key Flat Heads.



DO NOT FULLY TIGHTEN HARDWARE UNTIL THE END OF INSTALLATION

5 ASSEMBLE CURTAINS

Step 1:

Mount curtain on curtain bar.

Step 2:

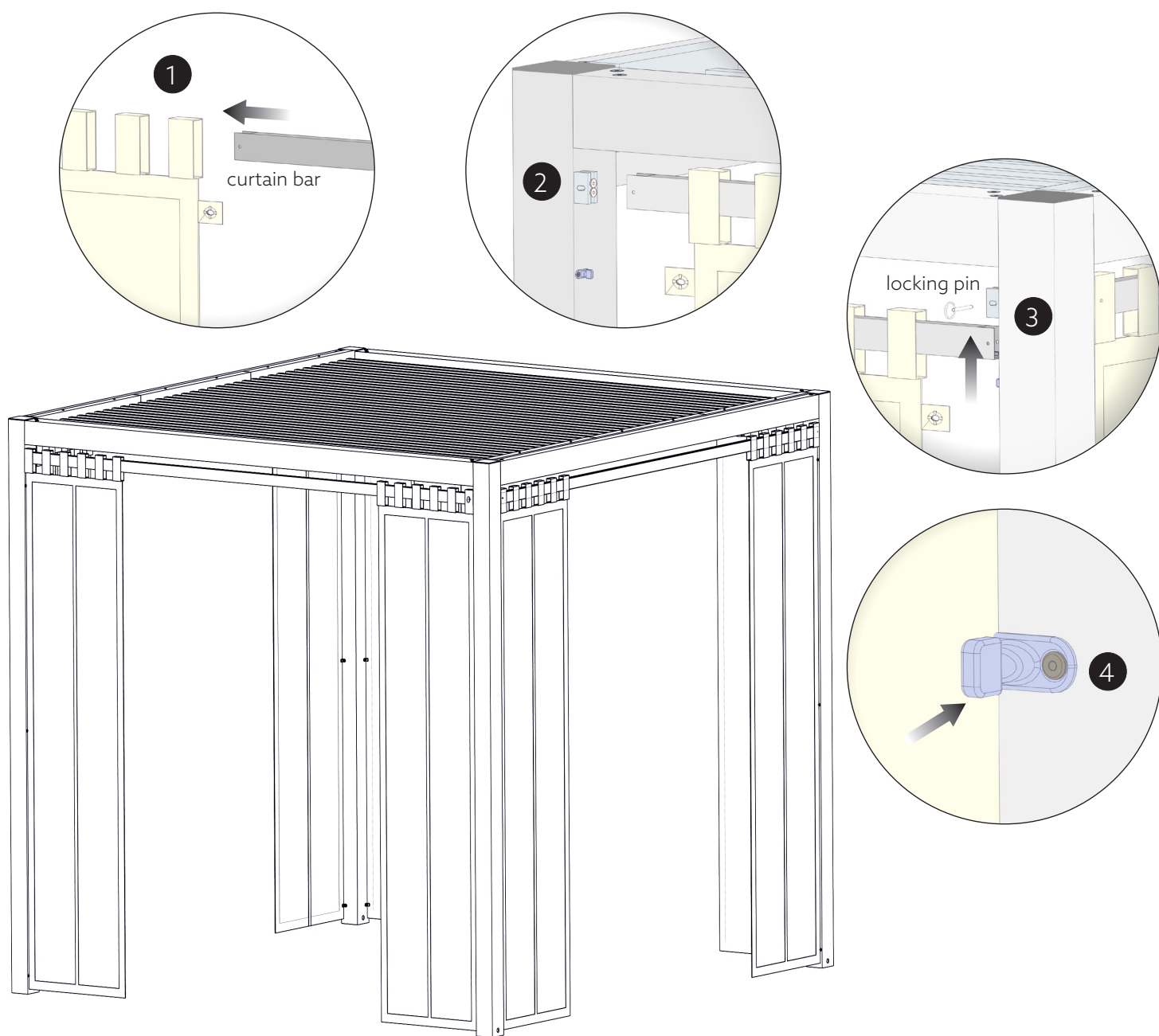
Insert curtain bar into column bracket on one side.

Step 3:

Slide-up curtain bar onto other side bracket per detailed view and lock-in with pin.

Step 4:

Attach curtains to column with turn buttons.

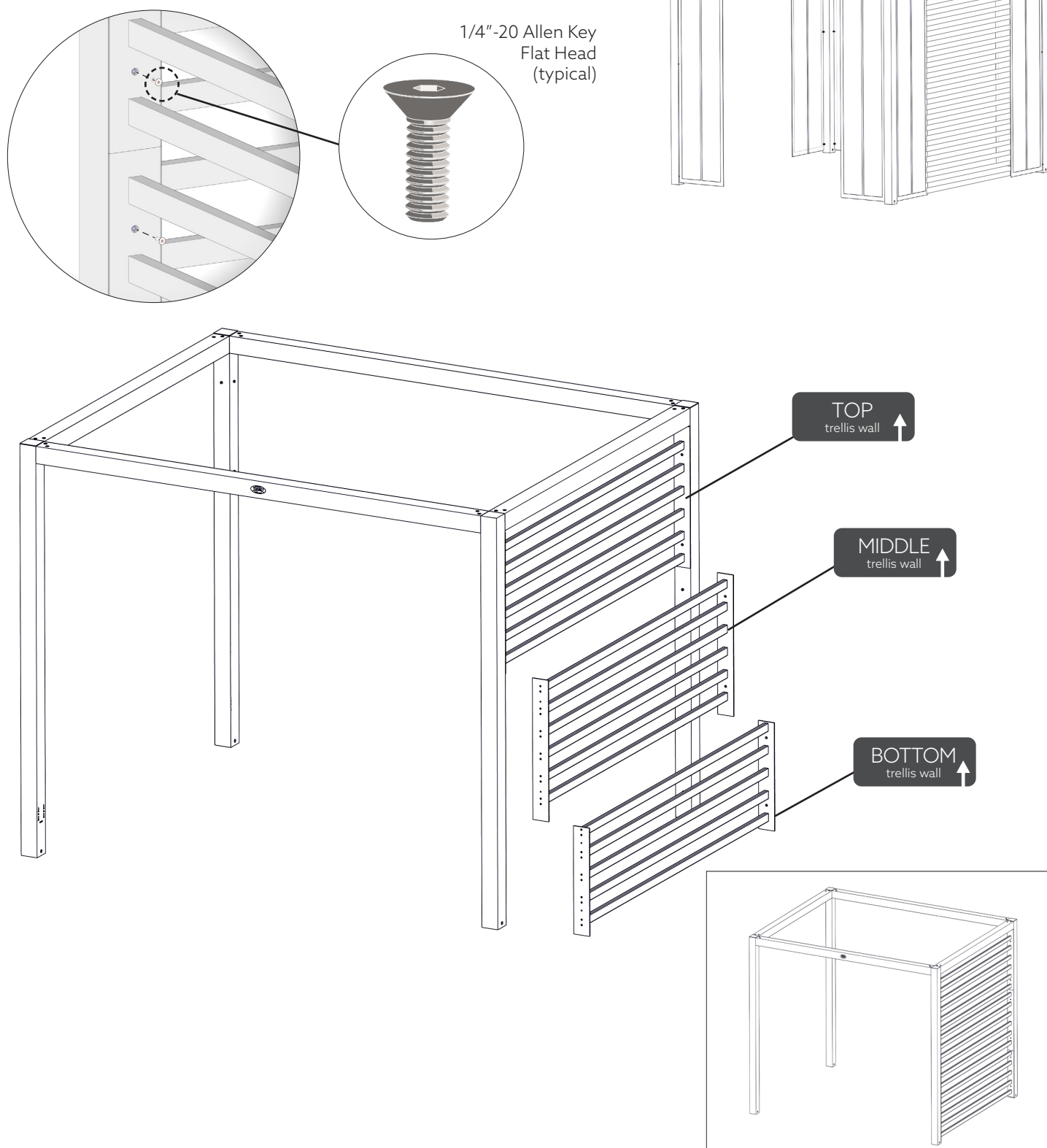


DO NOT FULLY TIGHTEN HARDWARE UNTIL THE END OF INSTALLATION

5 ASSEMBLE TRELLIS WALL WITH CURTAINS

Step 1:

Install trellis walls using 1/4"-20 Allen Key Flat Heads.



DO NOT FULLY TIGHTEN HARDWARE UNTIL THE END OF INSTALLATION

5 ASSEMBLE TRELLIS WALL WITH CURTAINS

Step 1:

Mount curtain on curtain bar.

Step 2:

Insert curtain bar into column bracket on one side.

Step 3:

Slide-up curtain bar onto other side bracket per detailed view and lock-in with pin.

Step 4:

Attach curtains to column with turn buttons.

