

P.M.T. PACKOUT MOLLE TENT



Assembly Instructions

HIGH CAPACITY PMT
PN# 04-010, 04-011 & 04-012

072022



Thank you!

A lot of things go together, you and her, beer in hand, good times and overlanding. Not only do they go together, they're better together – just like you and a Badass Tent are a good fit for fun no matter what trail your rig takes you down. Grab your passion and find a destination with some great up-top overnighting in your new roof top tent.

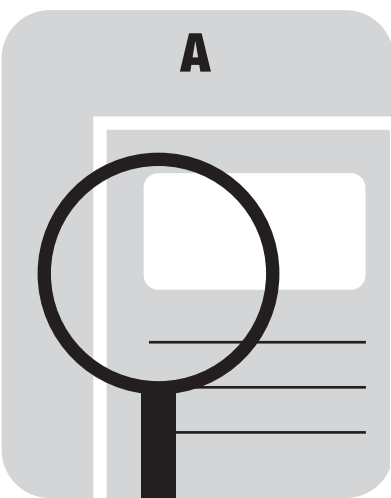
Enjoy big time!

Visit: www.badasstents.com

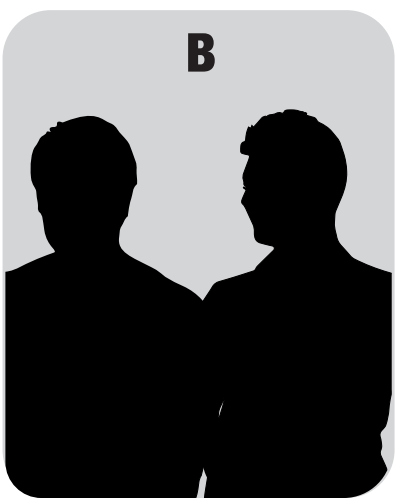
Remember to keep the road behind you and the fun ahead!



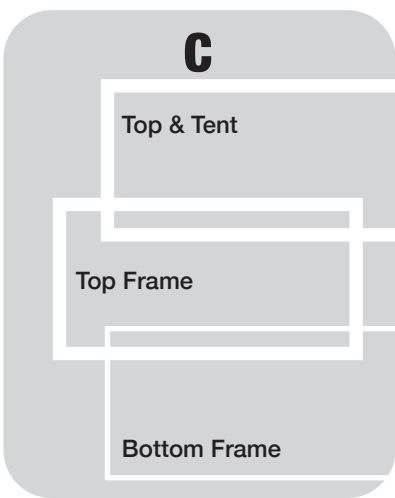
! IMPORTANT - PLEASE READ



Review in total this guidebook.
Please make sure you have the right tools, including a power driver, and ability to complete the task. Should take under 8 hours.



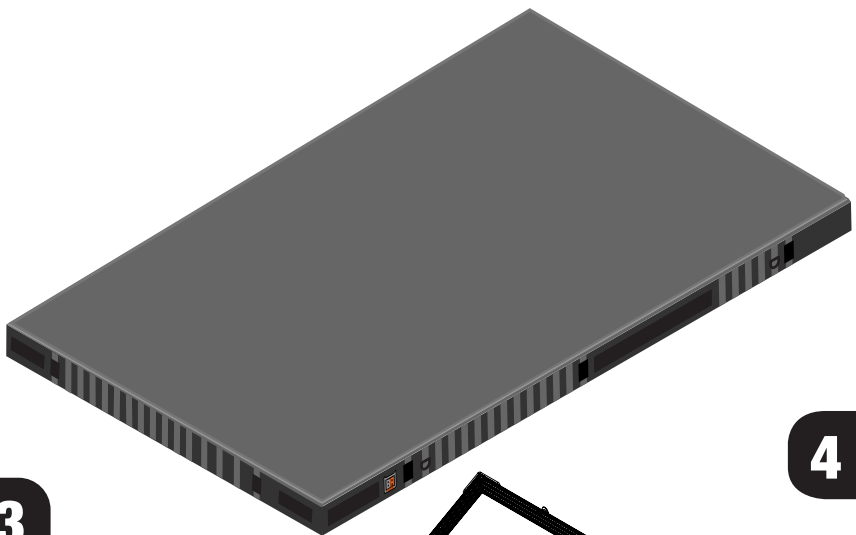
We recommend 2+ persons.
Start by laying out all pieces on a drop cloth and get a good sturdy 4x8' sheet of plywood on saw-horses to assemble on.



Segment pieces by sections.
Follow the order of the instructions - This will speed the process and give you a better understanding.
1 - >> - 2 - >> - 3

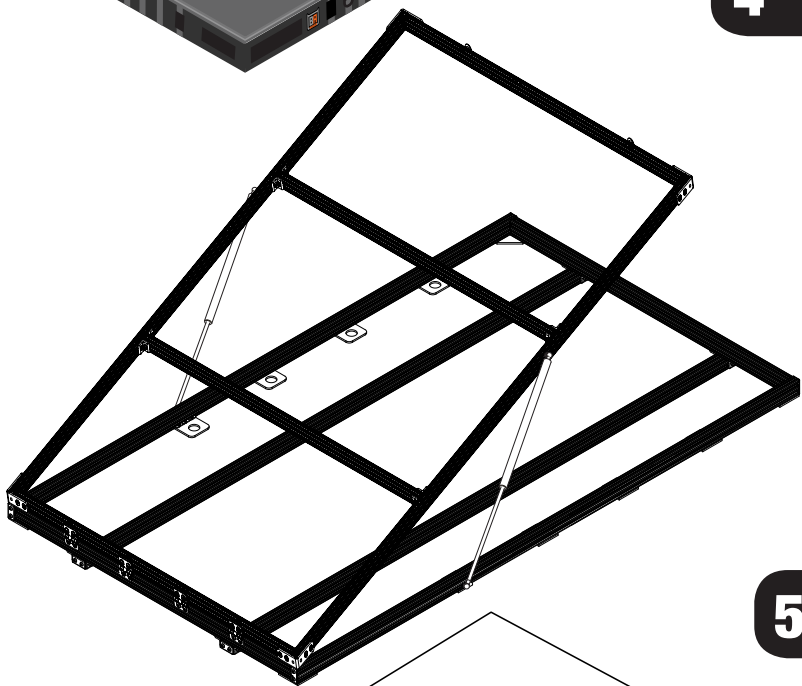
P.M.T.

FRAME ASSEMBLY — SECTIONS



Top Frame 3

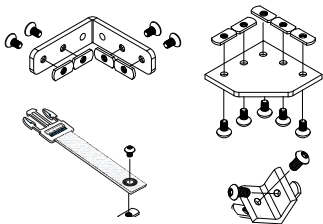
4 Hinge Tent & Top



Bottom Frame 2

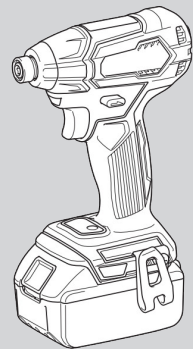
5 Install on Vehicle

Pre-assemble



! TOOLS NEEDED FOR SUCCESS

Electric Driver



Adjustable speed driver.

Save your arm and get yourself an adjustable speed electric driver with a few extra battery. Make sure you start with full batteries.

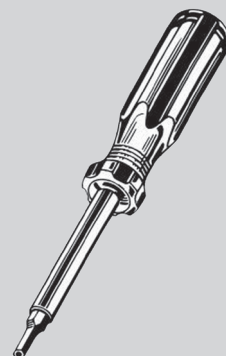
5/32 Hex Bit



Get a longer bit if possible.

Nothing is better than a high-quality hex bit, try and avoid the cheap ones to keep your bolts from stripping

Screwdriver



Multi-bit screwdriver.

The easiest way to loosely tighten the bolts is using a screwdriver with the 5/32 hex bit head.

WHAT IS INCLUDED IN THE KIT

1x Frame Set:

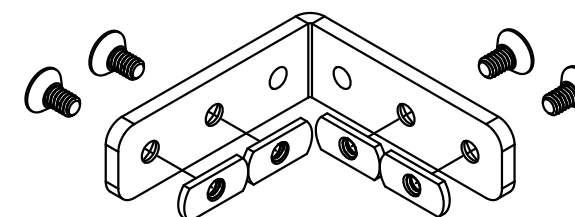
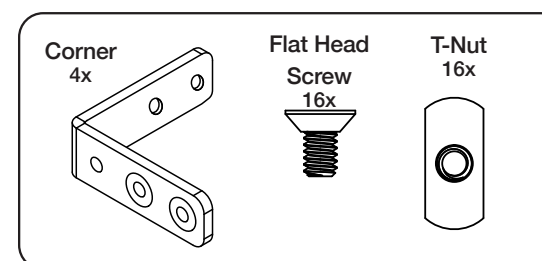
- 4x 78" 1020 Bars
- 2x 43" 1020 Bars
- 2x 78" 1010 Bars
- 4x 43" 1010 Bars
- 1x RUGGED Tent 45 x 78, 57" Tall
- 1x MOLLE Tent Top 45x78"
- 1x Floor Pad - 43.00 x 76.00
- 1x Pad Cover - 42.50 x 75.50
- 4x CoreFloor Black ABS panels
- 1x Utility Water Barrier .04 x 43 x 76"
- 6x 1020 END CAP

- 6x Floor Support Tab
- 4x Bottom Corner Plate
- 4x Corner Support Bracket, 16x Angle Brackets
- 1x Accessory Hook Set of 4pcs
- 4x Hinges Black
- 2x Gas Spring 900mm long
- 4x M6-FLAT WASHER S/S
- 38x 1/4-20 X 1/2 FLAT SOC CAP SCRWS
- 200x 1/4-20 X 1/2 BTN SOC CAP SCREW
- 250x 1/4-20 10 S T-SLOT NUT
- 16x #12 x 3/4" Self Drilling Screw

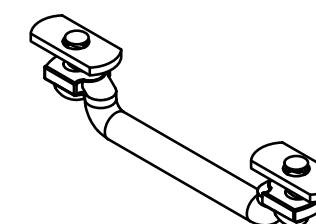
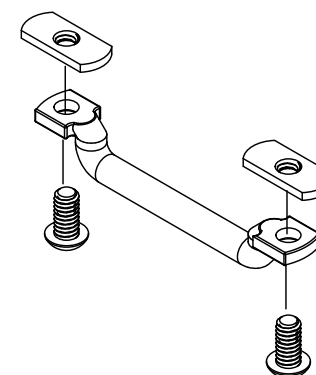
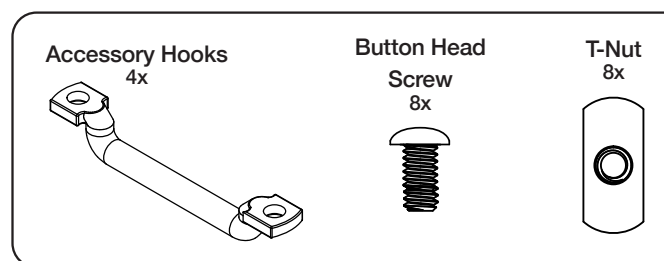
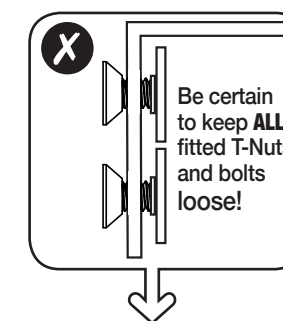
PRE-ASSEMBLY

1

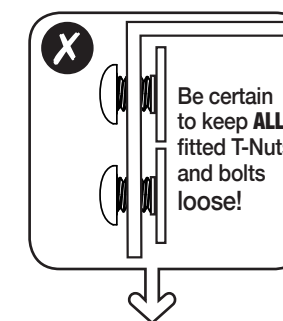
SCAN FOR VIDEO



Complete 4x Top Corner Brackets

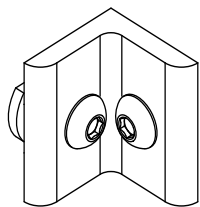
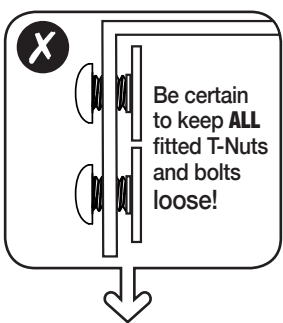
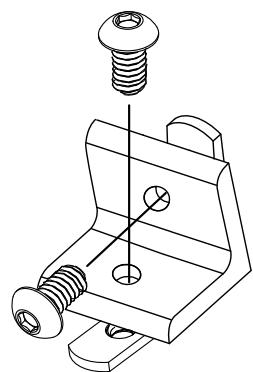
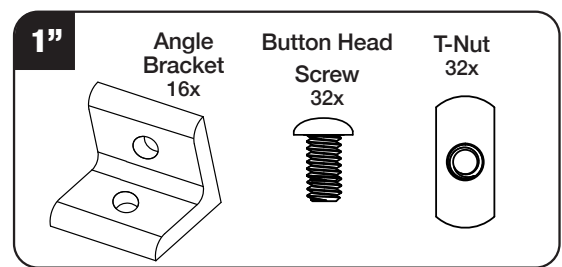


Complete 4x Accessory Hook Bracket

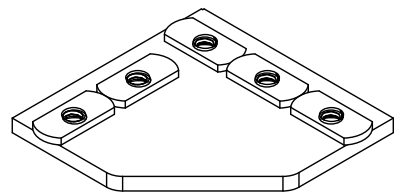
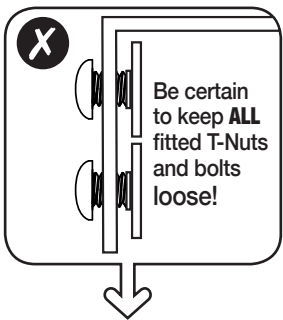
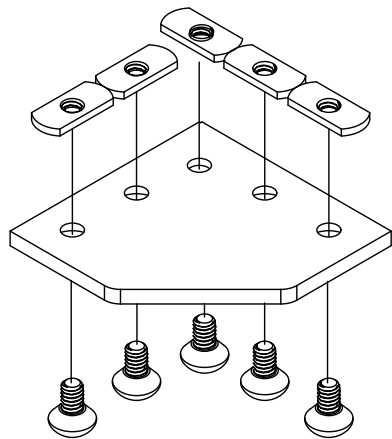
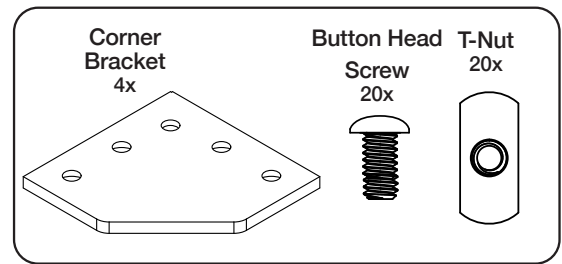


Every good ending has a smart beginning, follow a few of these simple recommendations from our engineers.

(CONTINUED)



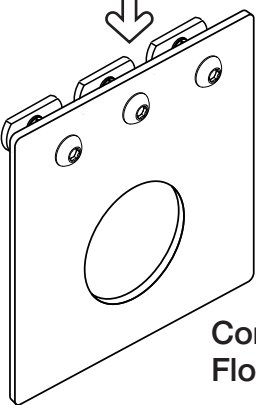
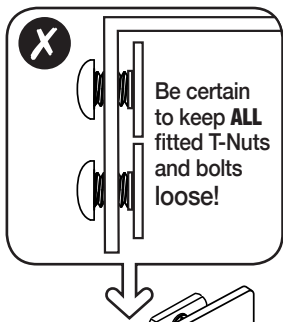
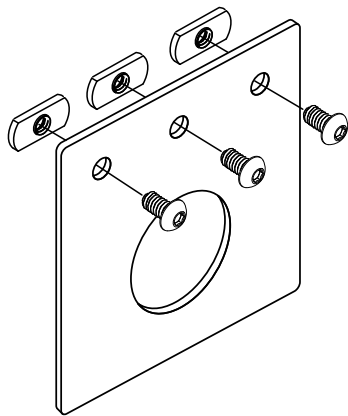
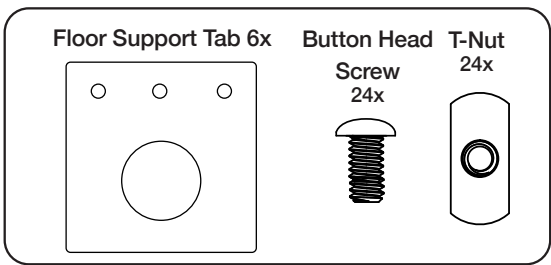
Complete 16x Angle Brackets



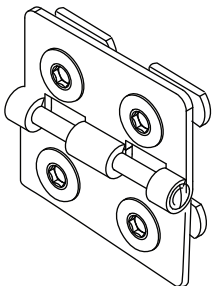
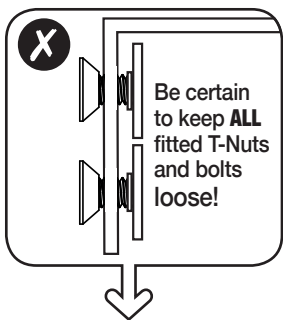
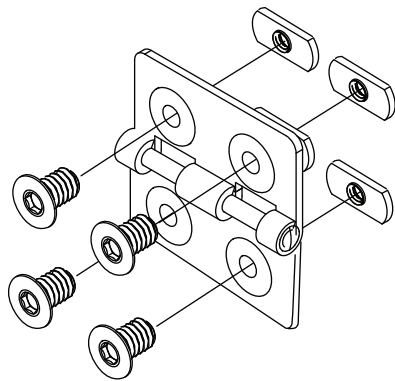
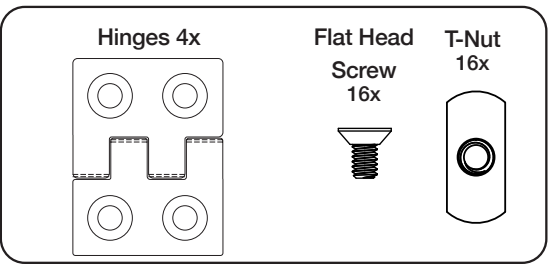
Complete 4x Bottom Corner Plate

P.M.T.

STEP 1 – PRE-ASSEMBLE BRACKETS



Complete 6x Floor Support Tab



Complete 4x Hinges

BOTTOM FRAME**2**

SCAN FOR VIDEO

**Side Rail**

- 10x T-nuts inside top channel (for tent)
- 2x T-nuts inside bottom channel (for buckles)
- 3x T-nuts outside bottom channel (for struts & tent)
- 3x Pre-assembled Floor Support Tabs with T-nuts bottom channel
- 2x Pre-Assembled Bottom Corner Brackets bottom channel

2x Center Support Rails

- 4x Pre-assembled accessory hooks w/ T-nuts bottom channel

Hinge Side End Rail

- 7x T-nuts inside top channel
- 5x T-nuts bottom channel
- 4x Assembled Angle Brackets bottom channel
- 4x Assembled Hinges top outside top channel

Tent entry Side End Rail

- 6x T-nuts inside top channel (for tent)
- 2x T-nuts inside bottom channel (for buckles)
- 4x Assembled Angle Brackets bottom channel
- 4x T-nuts outside top channel

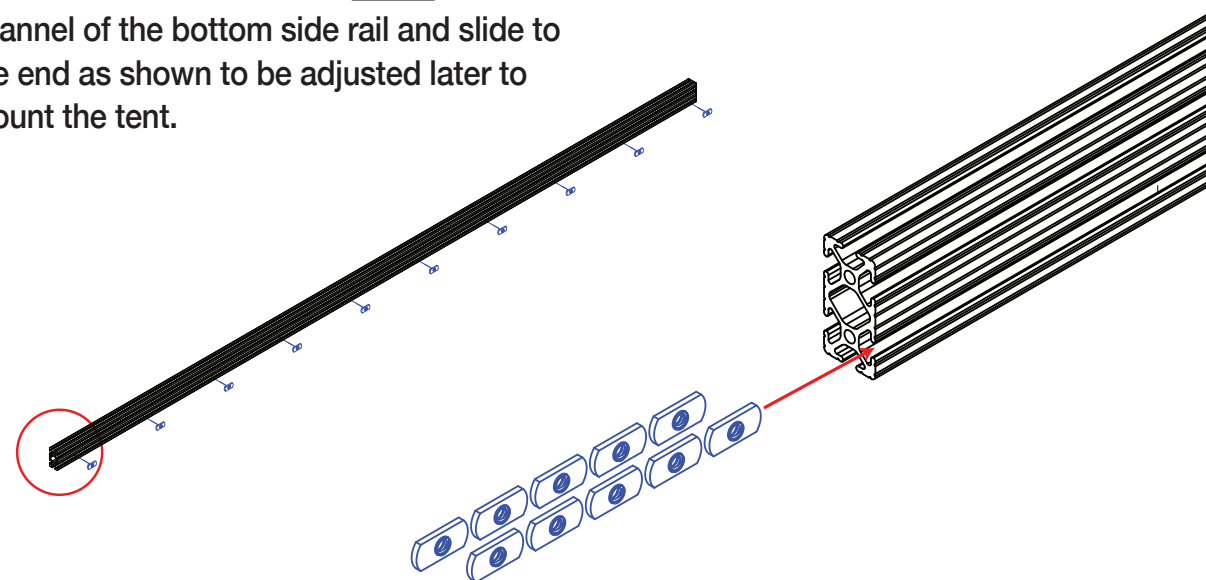
Side Rail

- 10x T-nuts inside top channel (for tent)
- 2x T-nuts inside bottom channel (for buckles)
- 3x T-nuts outside bottom channel (for struts & tent)
- 3x Pre-assembled Floor Support Tabs with T-nuts bottom channel
- 2x Pre-Assembled Bottom Corner Brackets bottom channel

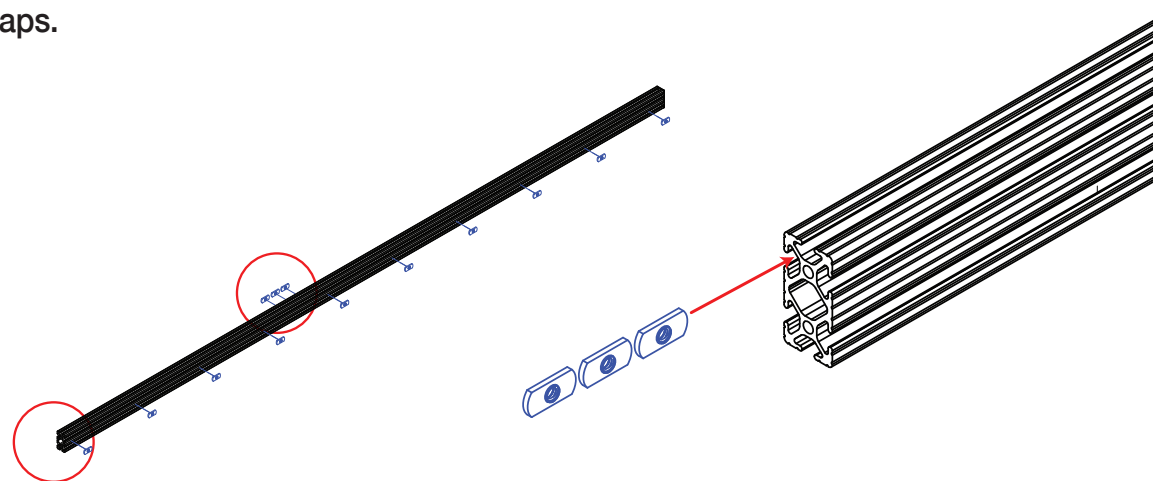
**NOTE:**

The exploded view here shows all of the assembly items used in the build assembly for the top frame. It is extremely important to double check the counts of all items before you assemble to avoid disassembly and reassembly to add missing pieces.

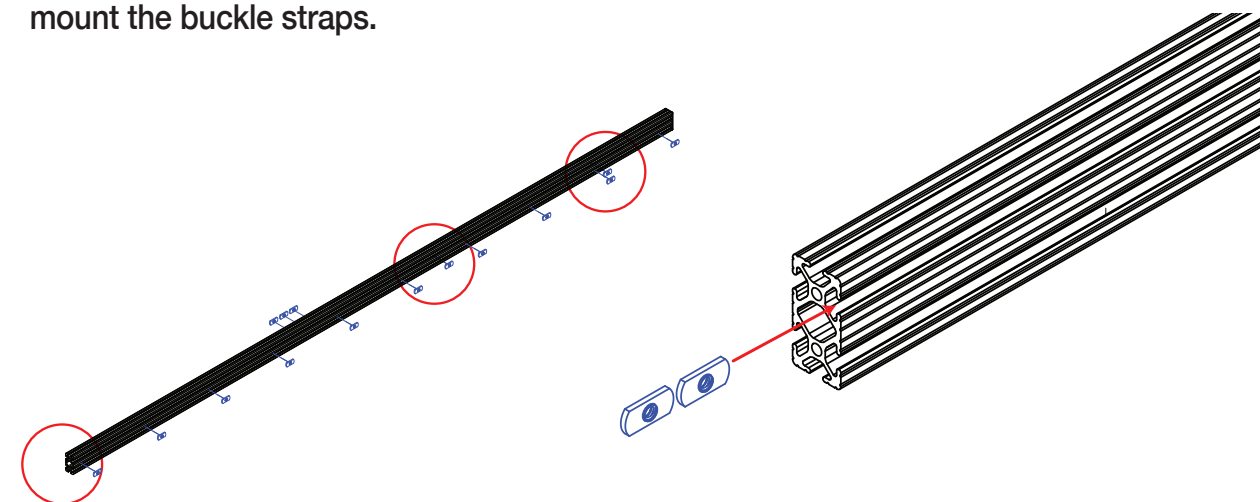
1) Insert 10x T-nuts into the inside bottom channel of the bottom side rail and slide to the end as shown to be adjusted later to mount the tent.



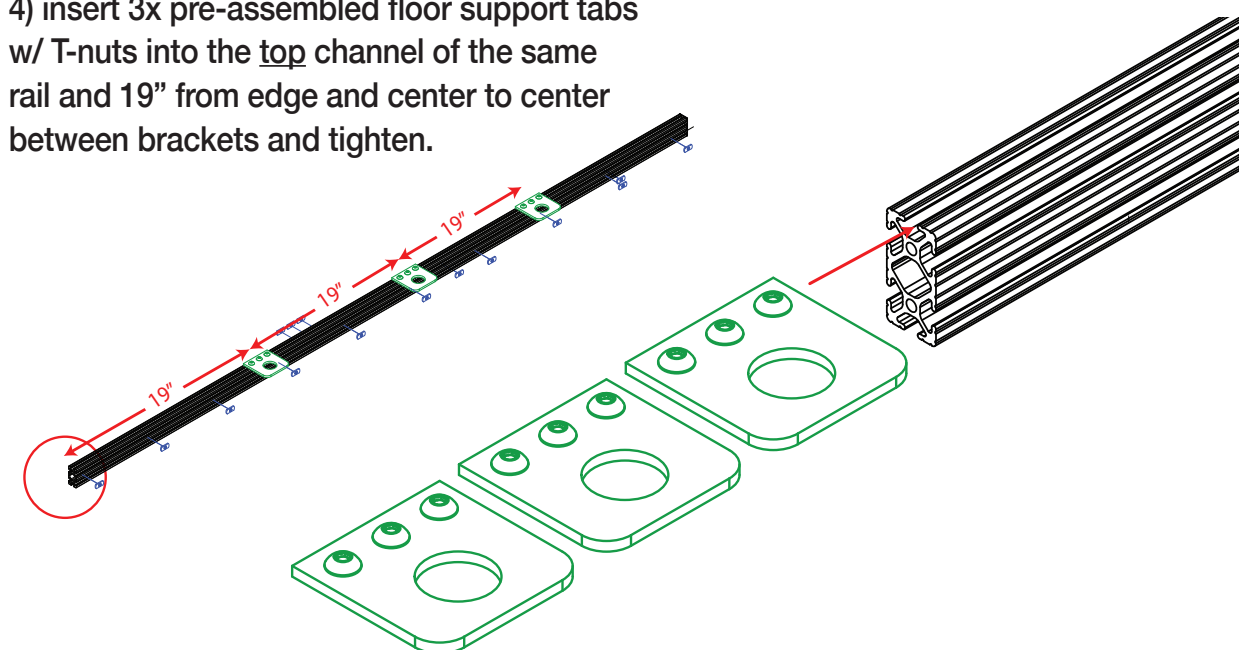
2) On the opposite side top channel, insert 3x T-nuts into the rail towards the middle as shown to mount the strut and tent flaps.



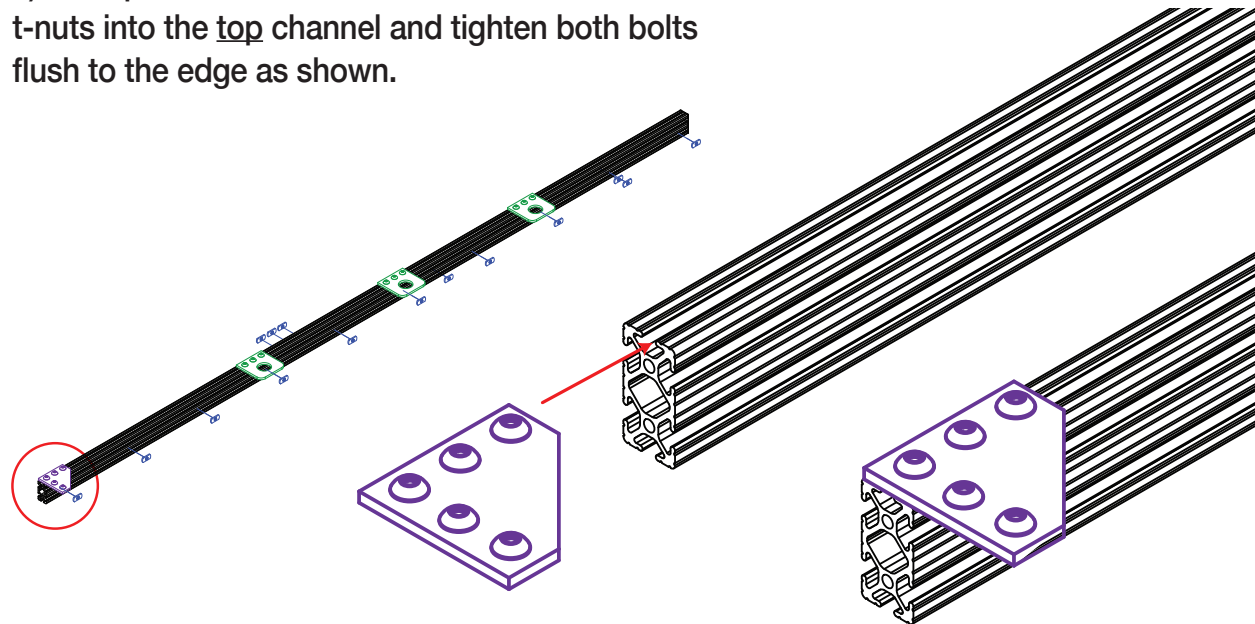
3) insert 2x T-nuts into the inside top channel and slide to the opposite end as shown to mount the buckle straps.



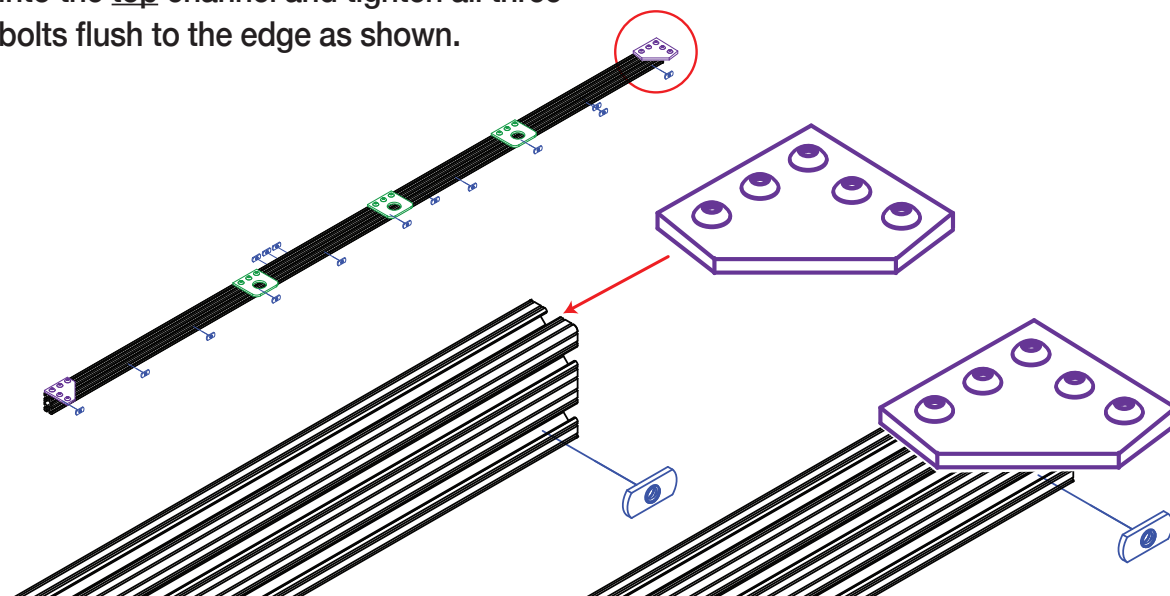
4) insert 3x pre-assembled floor support tabs w/ T-nuts into the top channel of the same rail and 19" from edge and center to center between brackets and tighten.



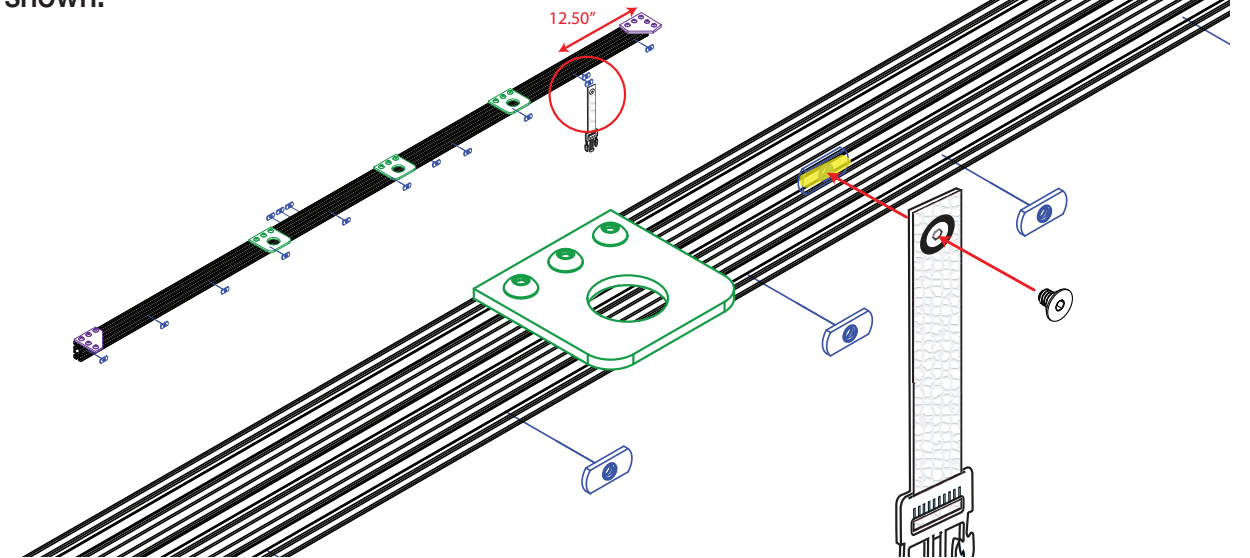
5) Slide pre-assembled bottom Corner Bracket w/ t-nuts into the top channel and tighten both bolts flush to the edge as shown.



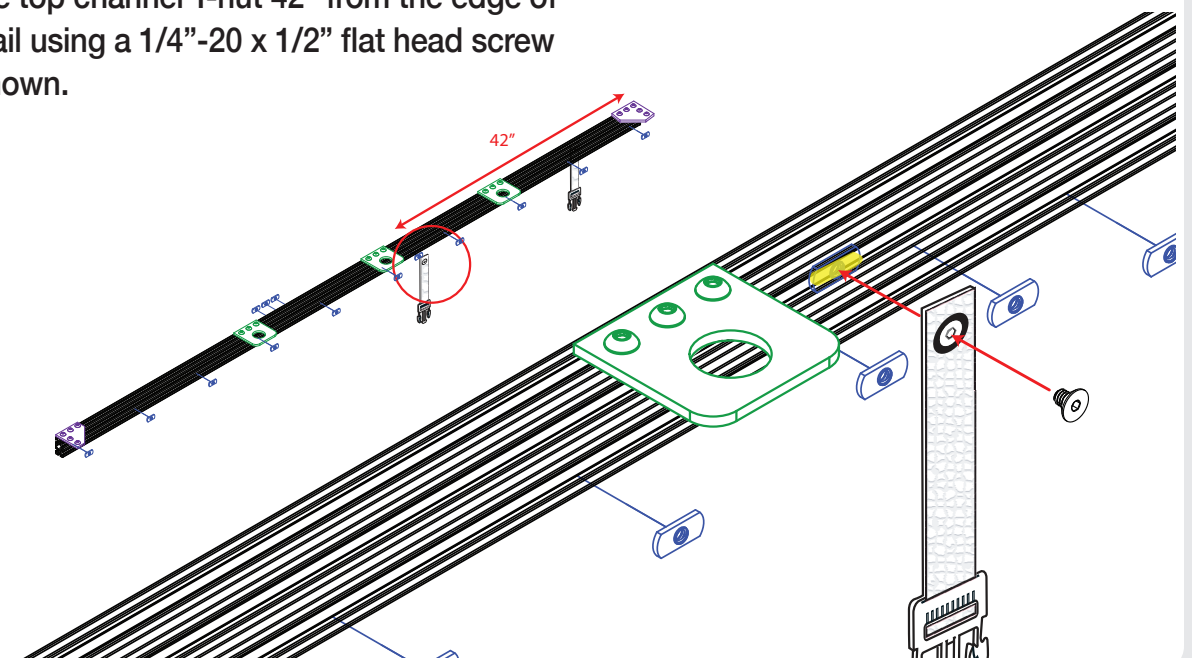
6) On the opposite side top channel, Slide pre-assembled bottom Corner Bracket w/ T-nuts into the top channel and tighten all three bolts flush to the edge as shown.



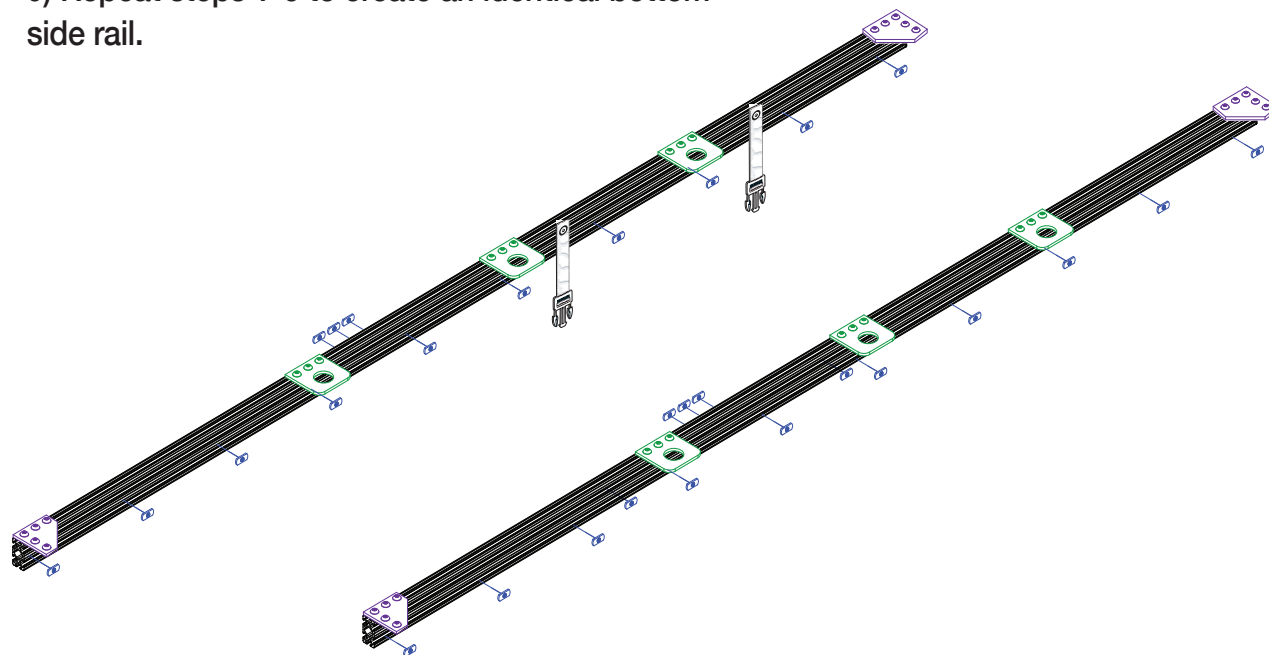
7) Attach the buckle strap to the inside top channel T-nut 12.5" from the edge of the rail using a 1/4"-20 x 1/2" flat head screw as shown.



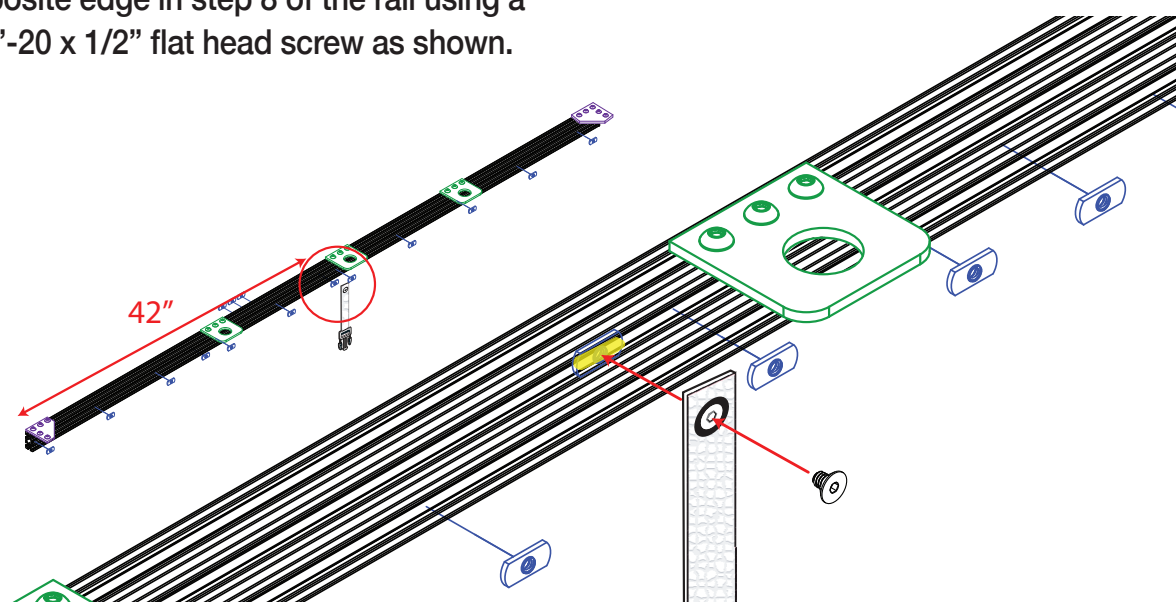
8) Attach the second buckle strap to the inside top channel T-nut 42" from the edge of the rail using a 1/4"-20 x 1/2" flat head screw as shown.



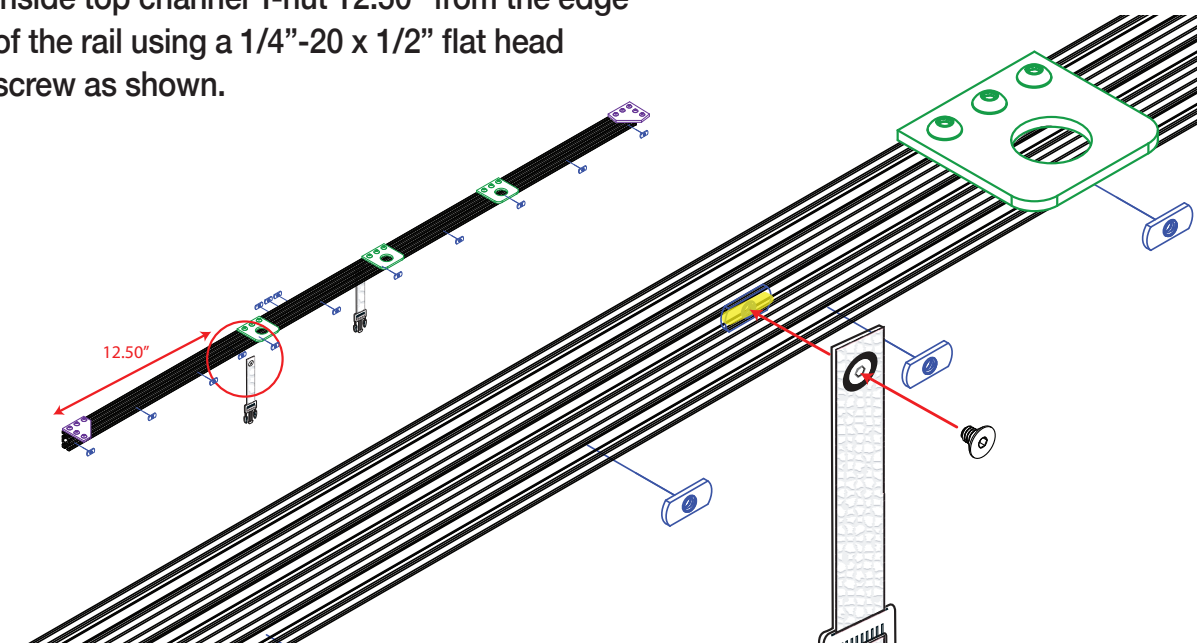
9) Repeat steps 1-6 to create an identical bottom side rail.



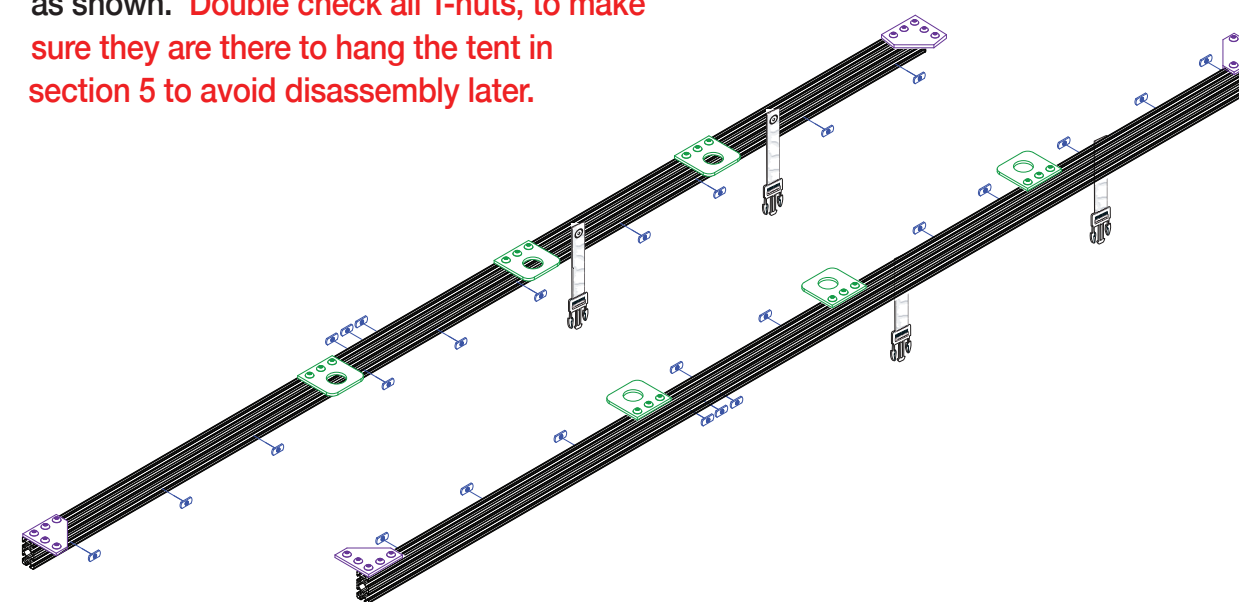
10) Attach a buckle strap to the inside top channel T-nut 42" from the opposite edge in step 8 of the rail using a 1/4"-20 x 1/2" flat head screw as shown.

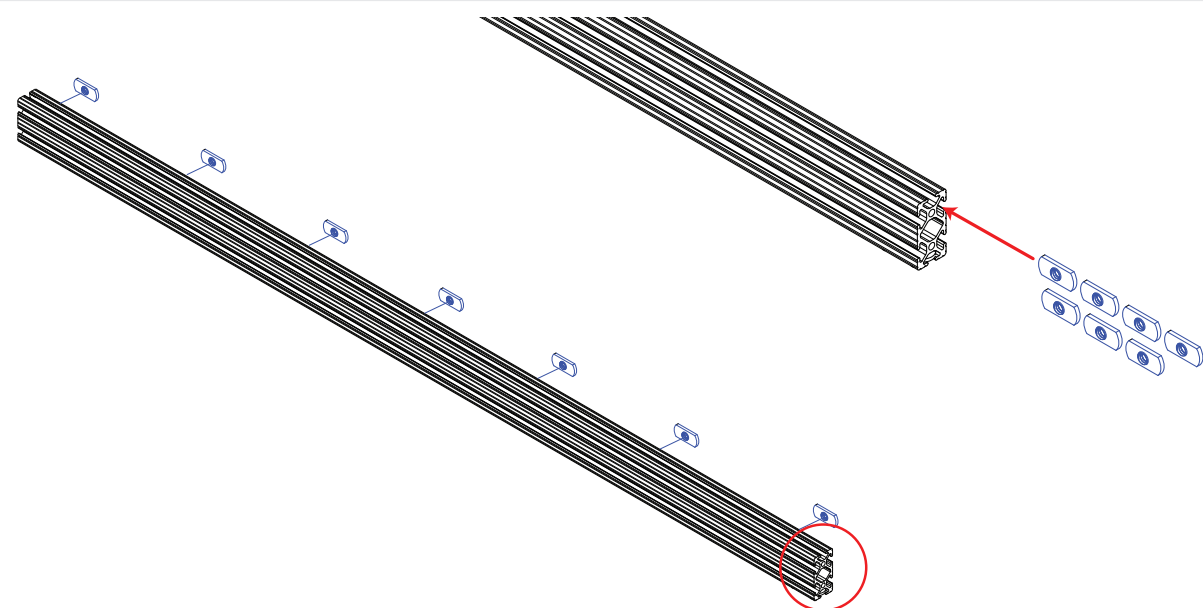


11) Attach the second buckle strap to the inside top channel T-nut 12.50" from the edge of the rail using a 1/4"-20 x 1/2" flat head screw as shown.

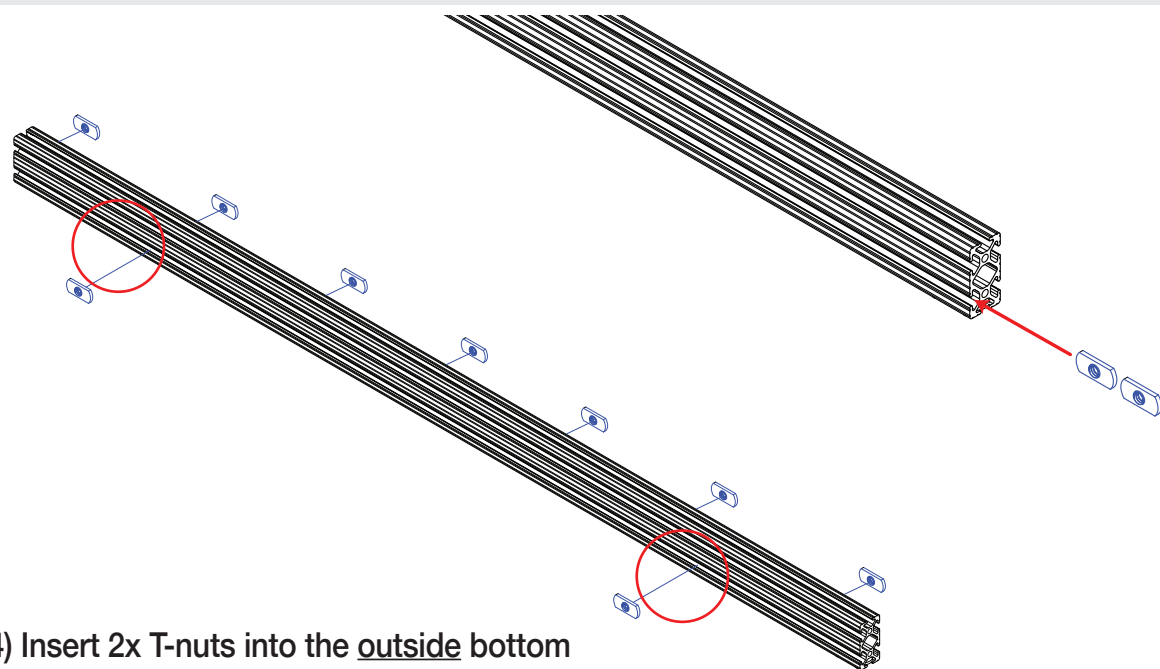


12) Spin the second rail around and make sure that both rails now mirror each other as shown. **Double check all T-nuts, to make sure they are there to hang the tent in section 5 to avoid disassembly later.**

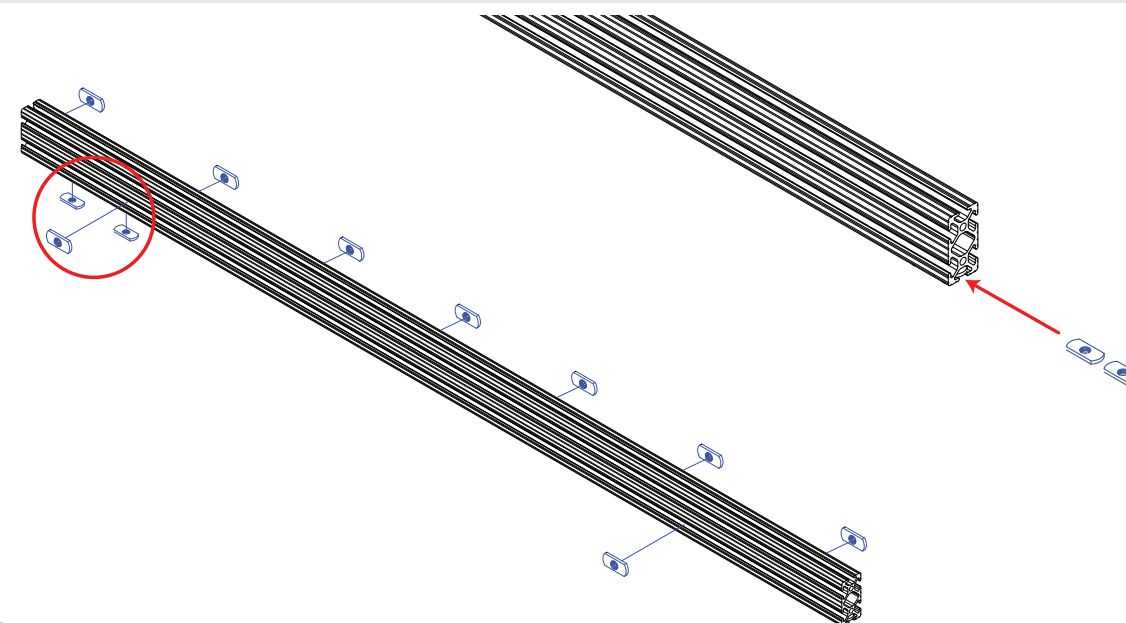




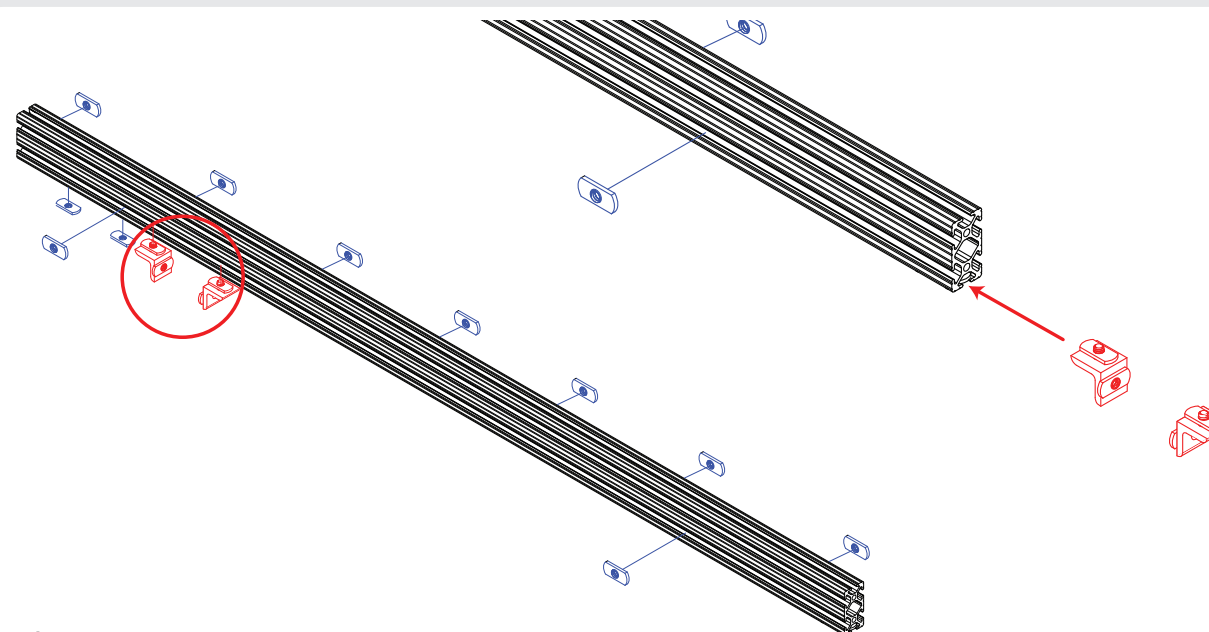
13) Insert 7x T-nuts into the inside top channel of the hinge side end rail and position as shown to be adjusted later, these will hang the tent.



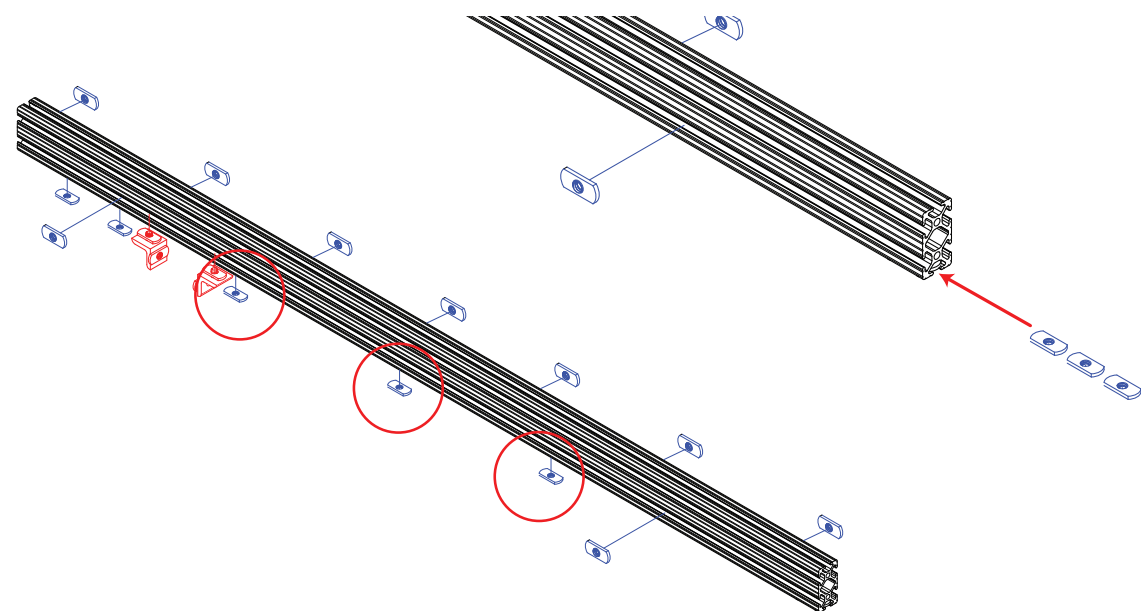
14) Insert 2x T-nuts into the outside bottom channel of the rail and position as shown to be adjusted later, these will also hold the tent.



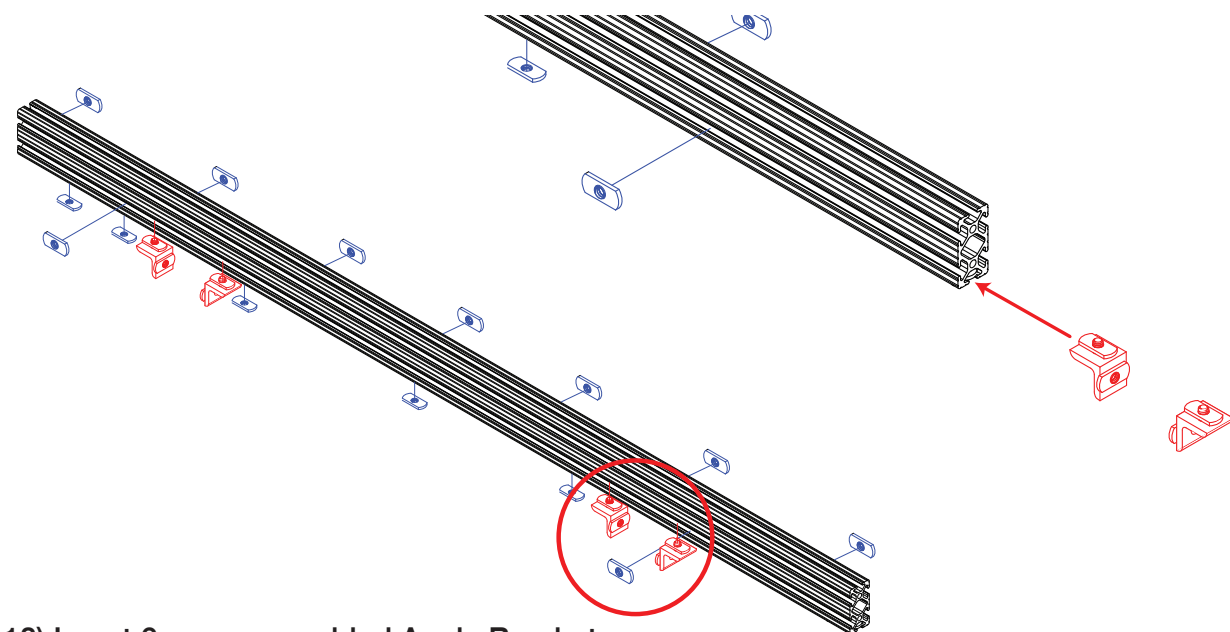
15) Insert 2x T-nuts into the bottom channel of the rail and position as shown to be adjusted later, these will also hold the cover.



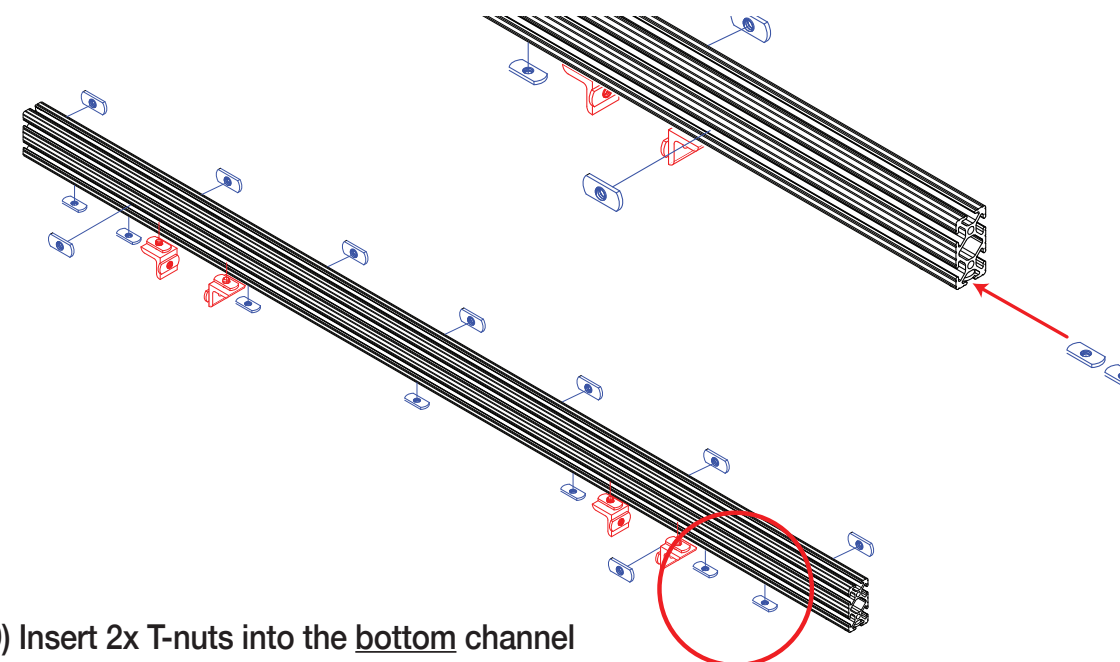
16) Insert 2x pre-assembled Angle Brackets w/ T-nuts into the bottom channel of the rail and position as shown to be adjusted later.



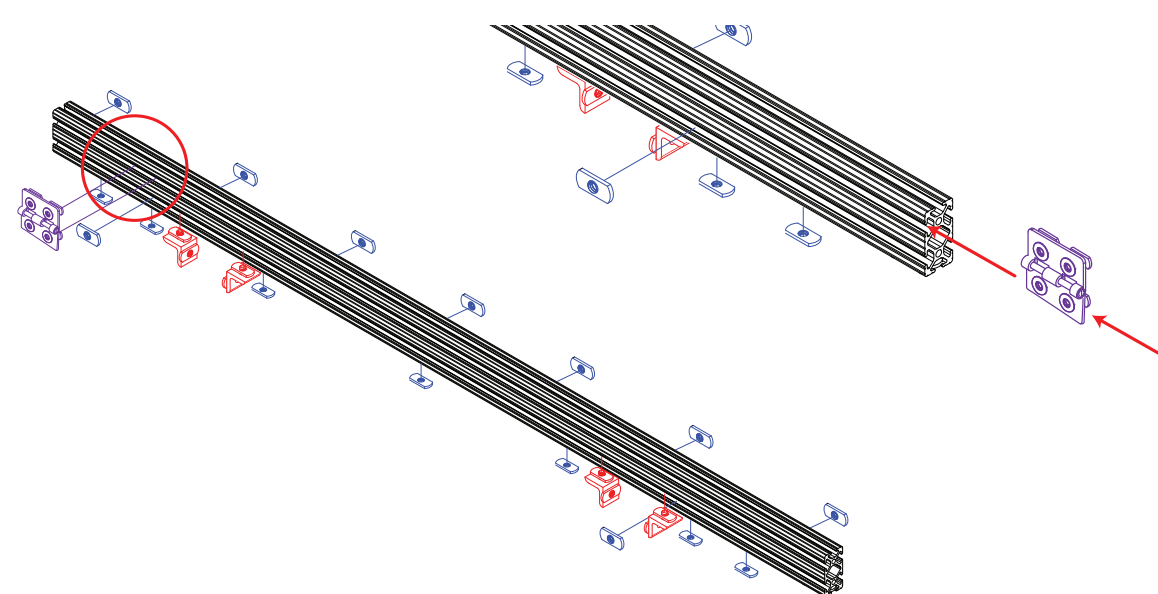
17) Insert 3x T-nuts into the bottom channel of the rail and position as shown to be adjusted later, these will also hold the cover.



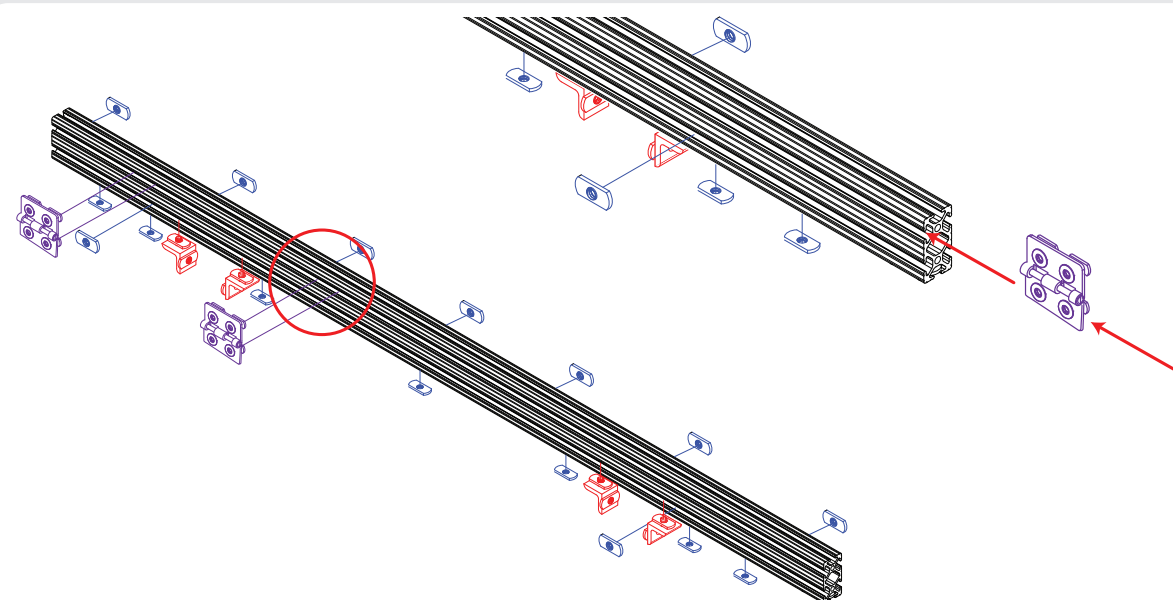
18) Insert 2x pre-assembled Angle Brackets w/ T-nuts into the bottom channel of the rail and position as shown to be adjusted later.



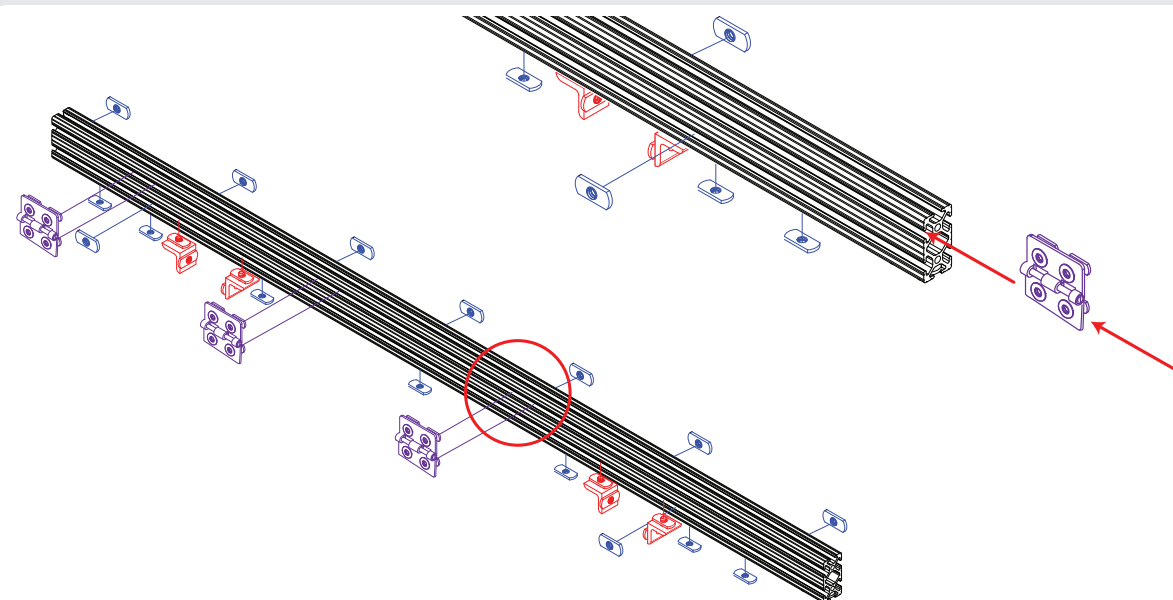
19) Insert 2x T-nuts into the bottom channel of the rail and position as shown to be adjusted later, these will also hold the cover.



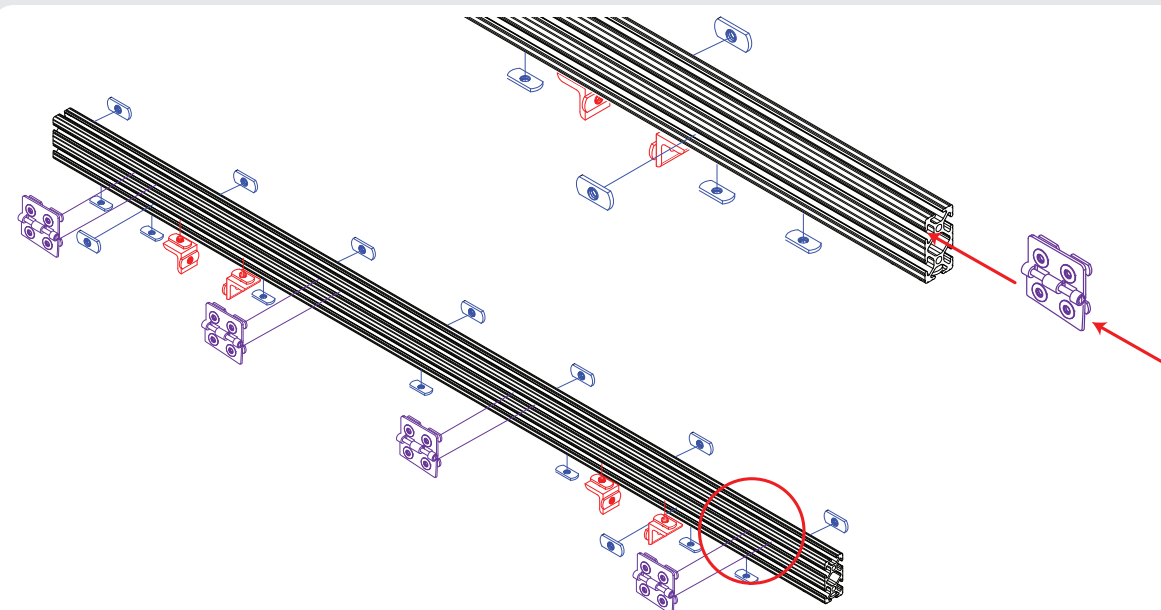
20) Insert 1x pre-assembled Hinge w/ T-nuts, using the bottom 2 T-nuts, into the top outside channel of the rail and slide 8" from left the edge and tighten.



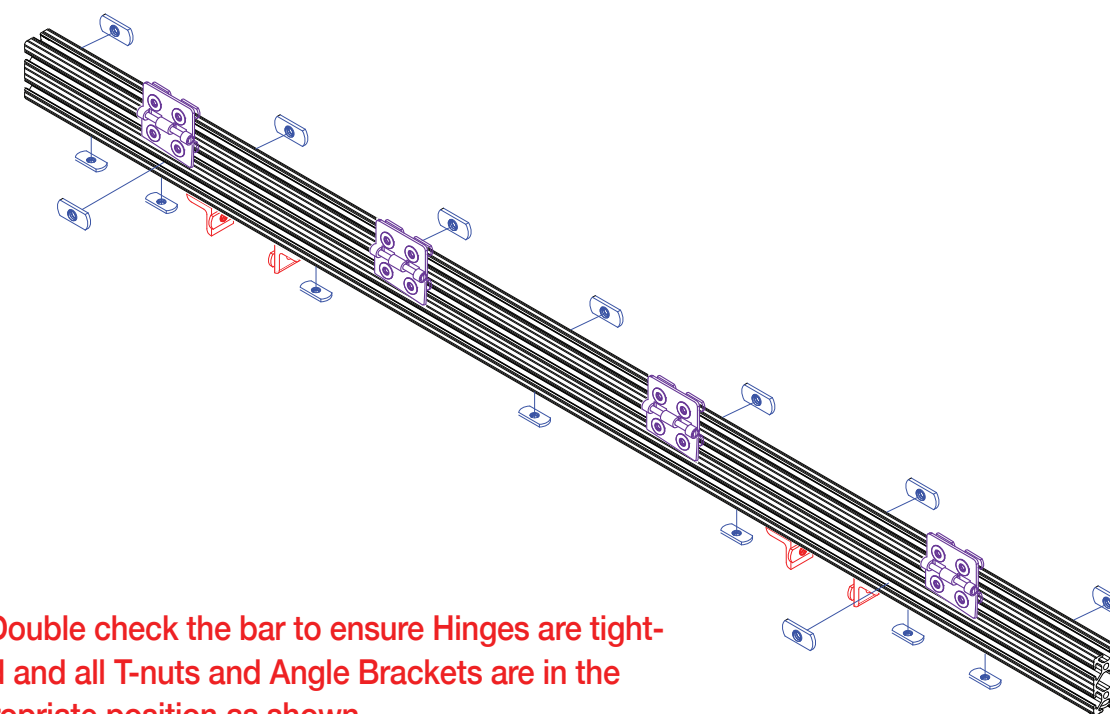
21) Insert 1x pre-assembled Hinge w/ T-nuts, using the bottom 2 T-nuts, into the top outside channel of the rail and slide 10" from the last edge of Hinge and tighten.



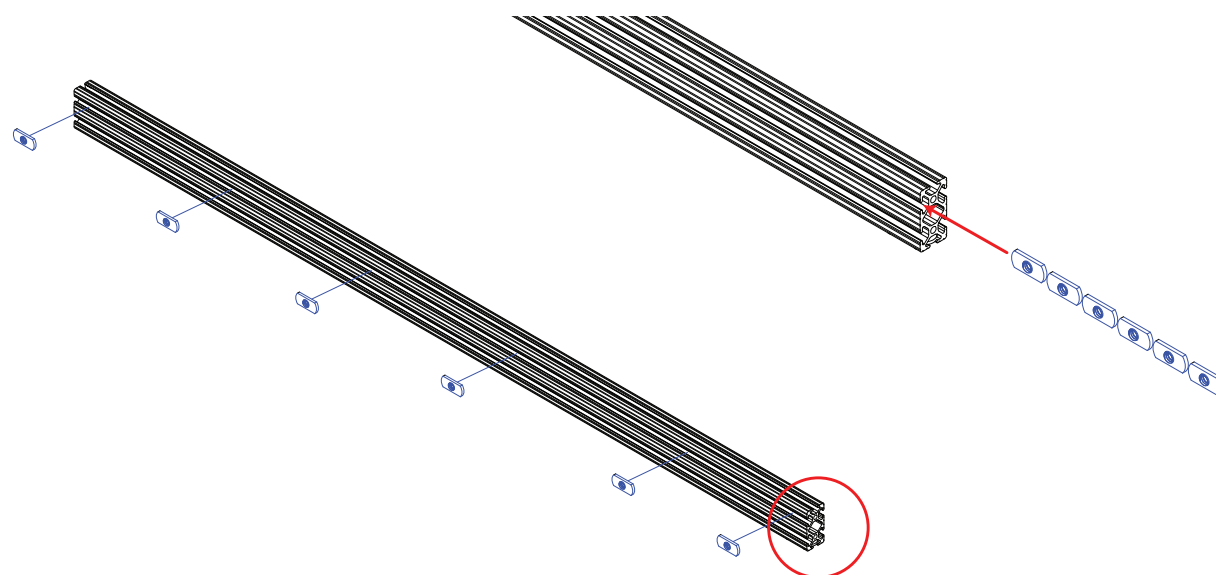
22) Insert 1x pre-assembled Hinge w/ T-nuts, using the bottom 2 T-nuts, into the top outside channel of the rail and slide 8" from the last edge of Hinge and tighten.



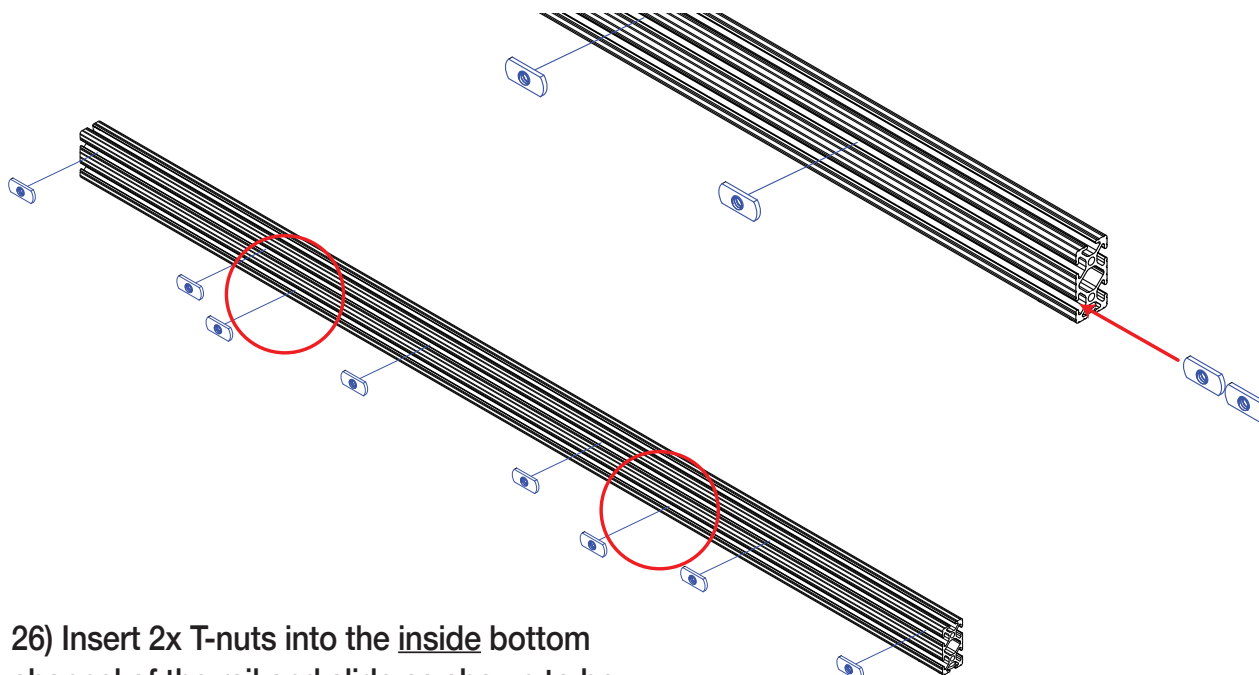
23) Insert 1x pre-assembled Hinge w/ T-nuts, using the bottom 2 T-nuts, into the top outside channel of the rail and slide 8" from the right edge of Hinge and tighten.



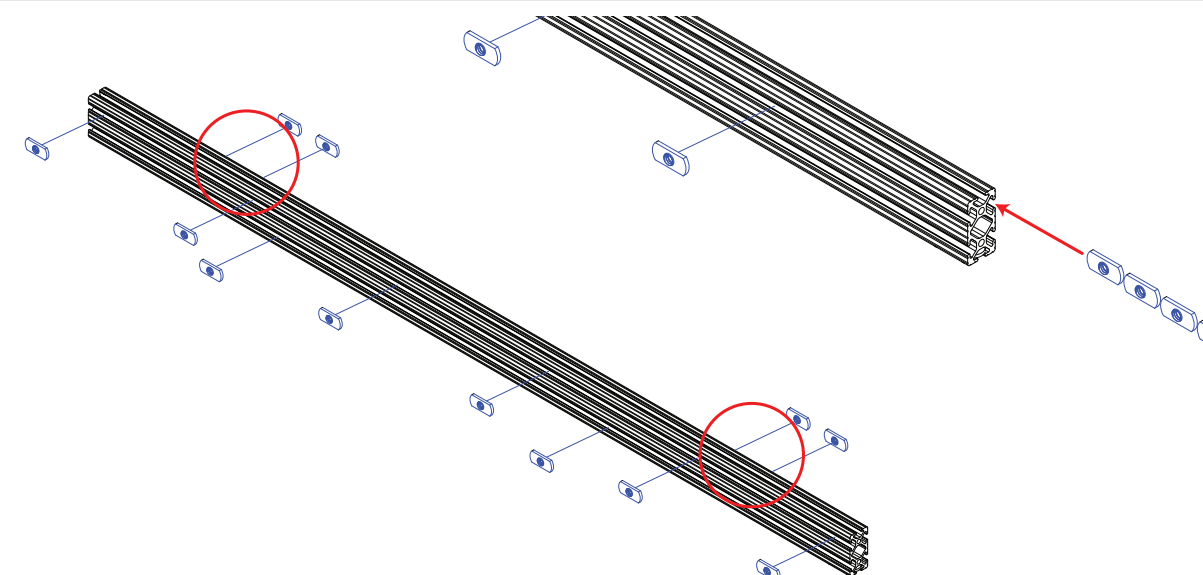
24) **Double check the bar to ensure Hinges are tightened and all T-nuts and Angle Brackets are in the appropriate position as shown.**



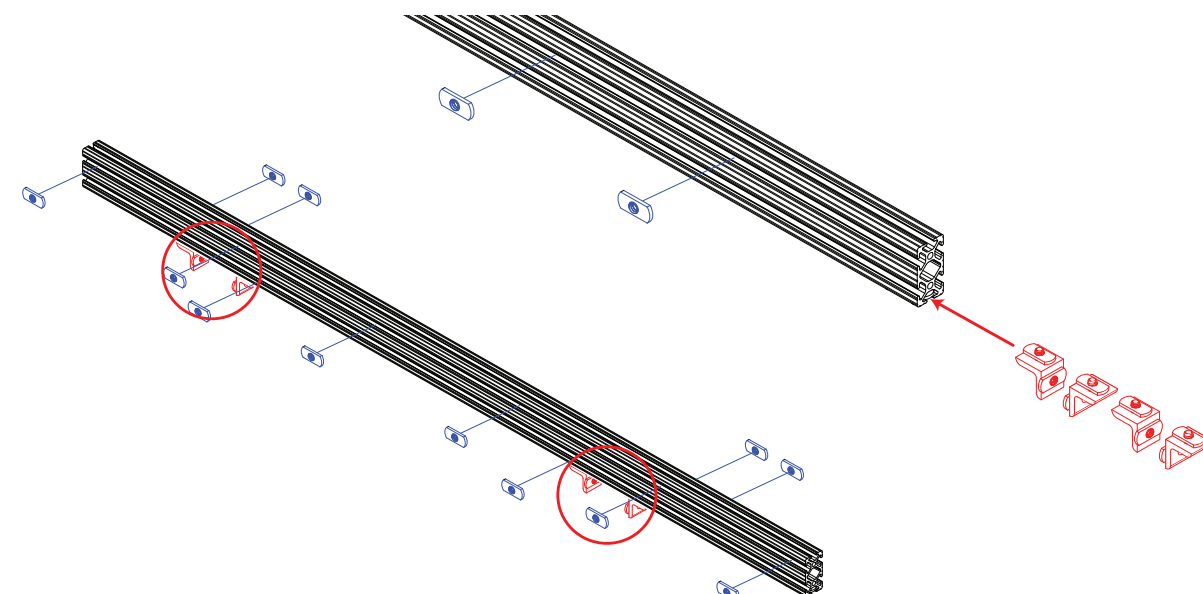
25) Insert 6x T-nuts into the inside top channel of the rail and slide as shown to be adjusted later, these will hang the tent.



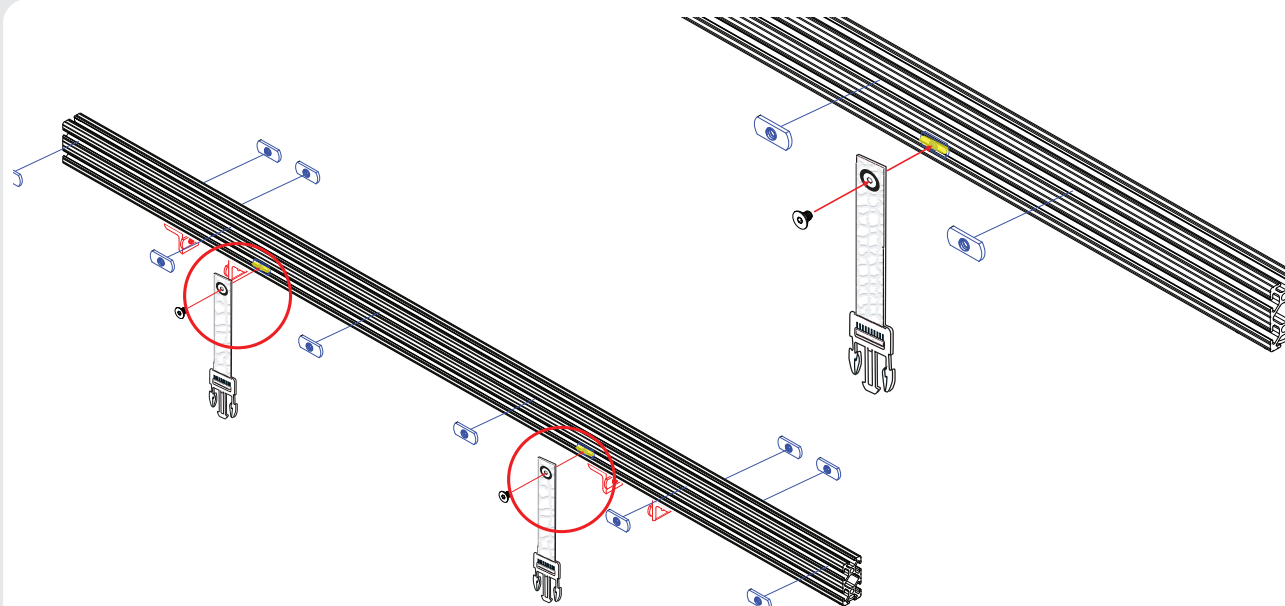
26) Insert 2x T-nuts into the inside bottom channel of the rail and slide as shown to be adjusted later, these will mount the buckles.



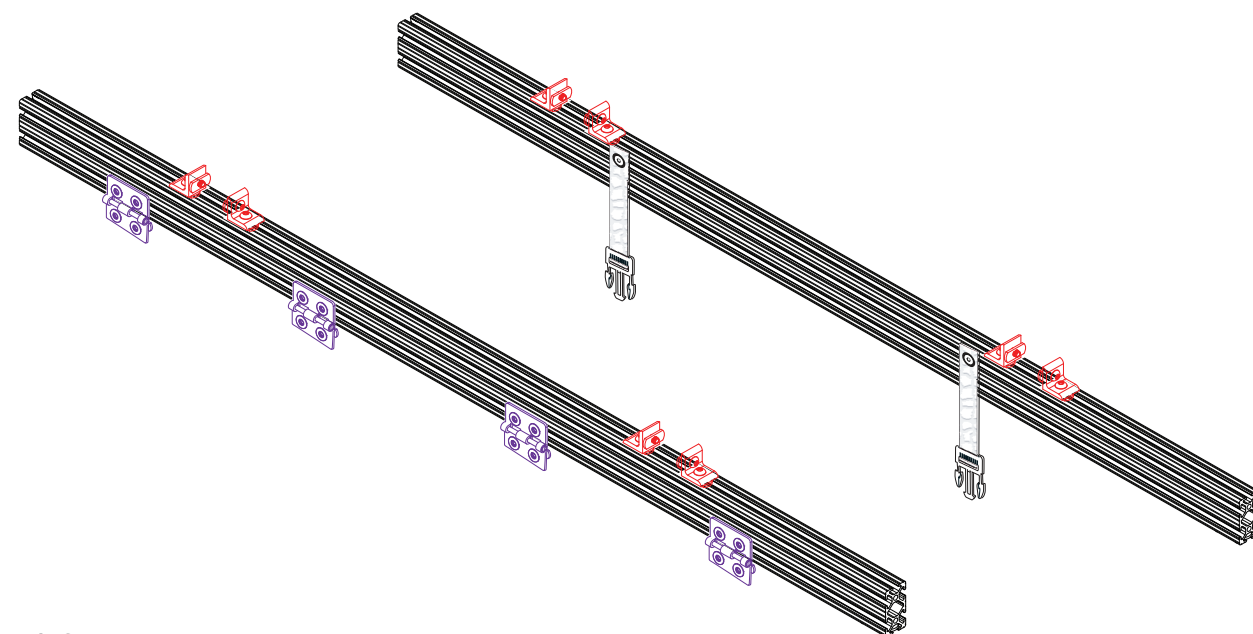
27) Insert 4x T-nuts into the outside top channel of the rail and slide as shown to be adjusted later, these will hold the tent.



28) Insert 4x pre-assembled Angle Brackets w/ T-nuts into the bottom channel of the rail and slide as shown to be adjusted later.

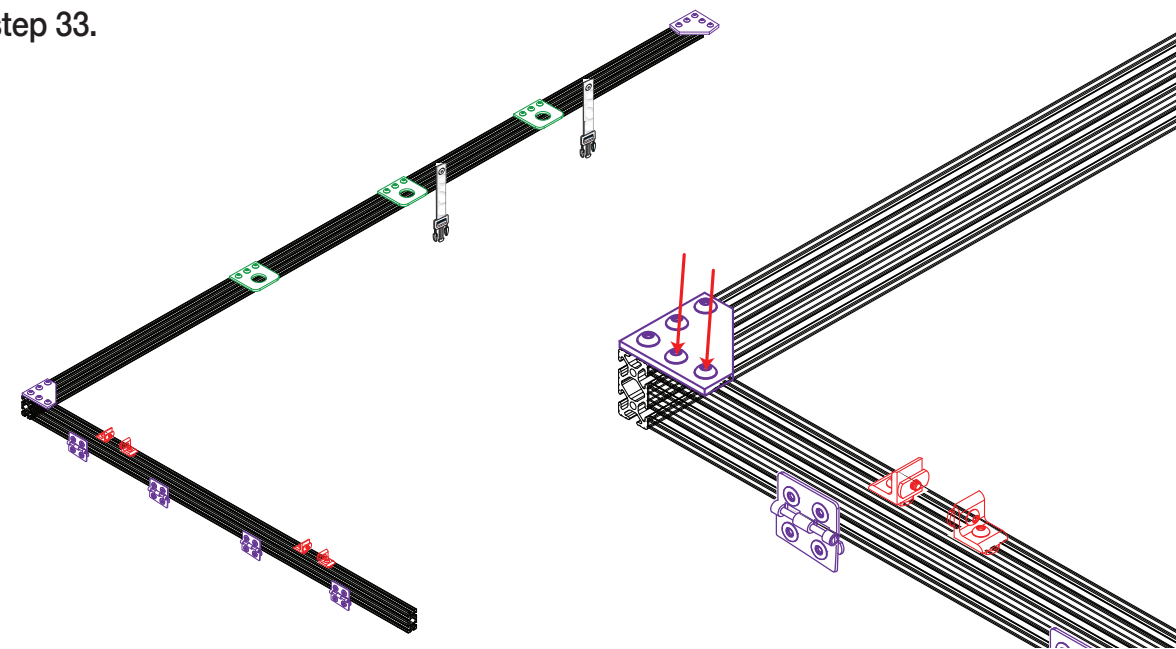


29) Attach the Buckle Straps to the inside bottom channel T-nut 8.50" from either edge of the rail using a 1/4"-20 x 1/2" flat head screw as shown. **Double check all hardware is in the rail as shown.**

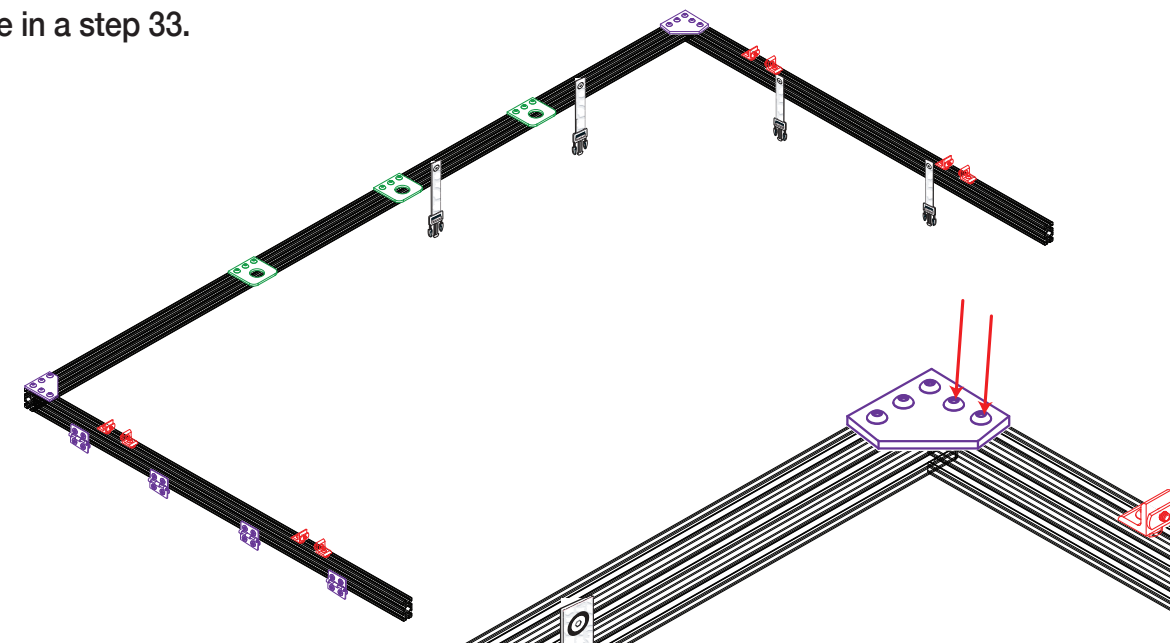


30) Carefully turn the end bars upside down without dropping out all of the T-nuts as shown.

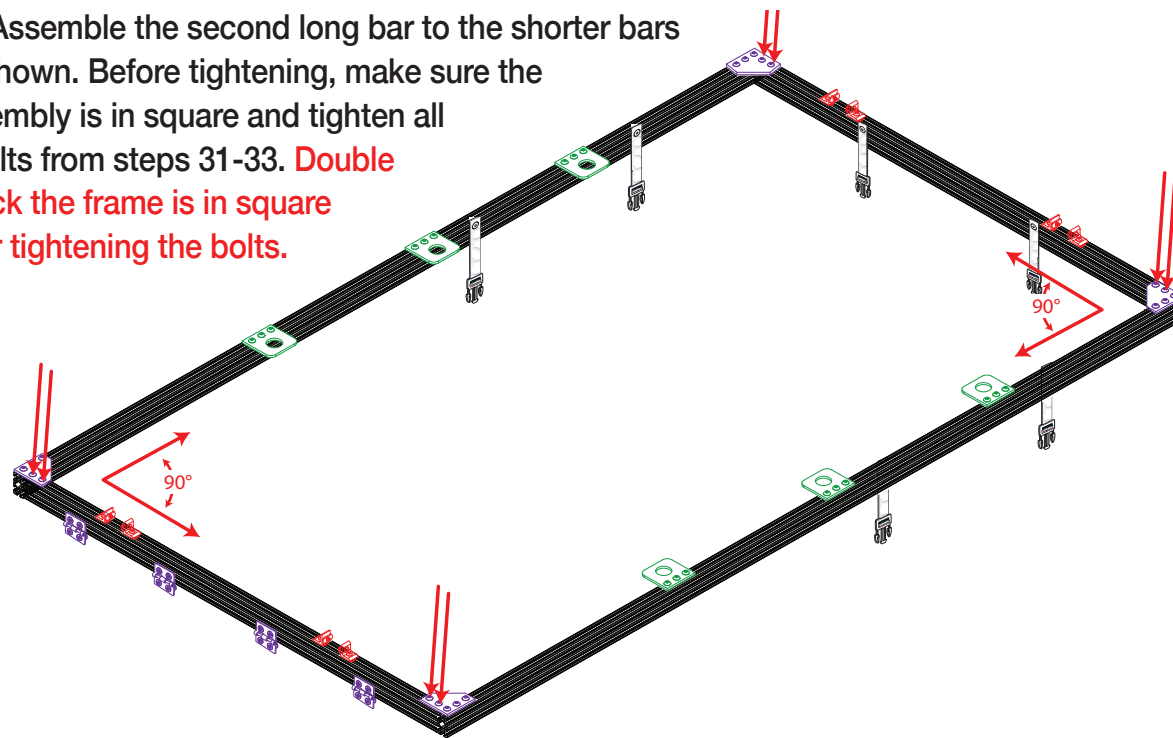
31) Assemble the forward shorter bar, with Hinges, to the side bar as shown loosely tighten bolts to square in a step 33.



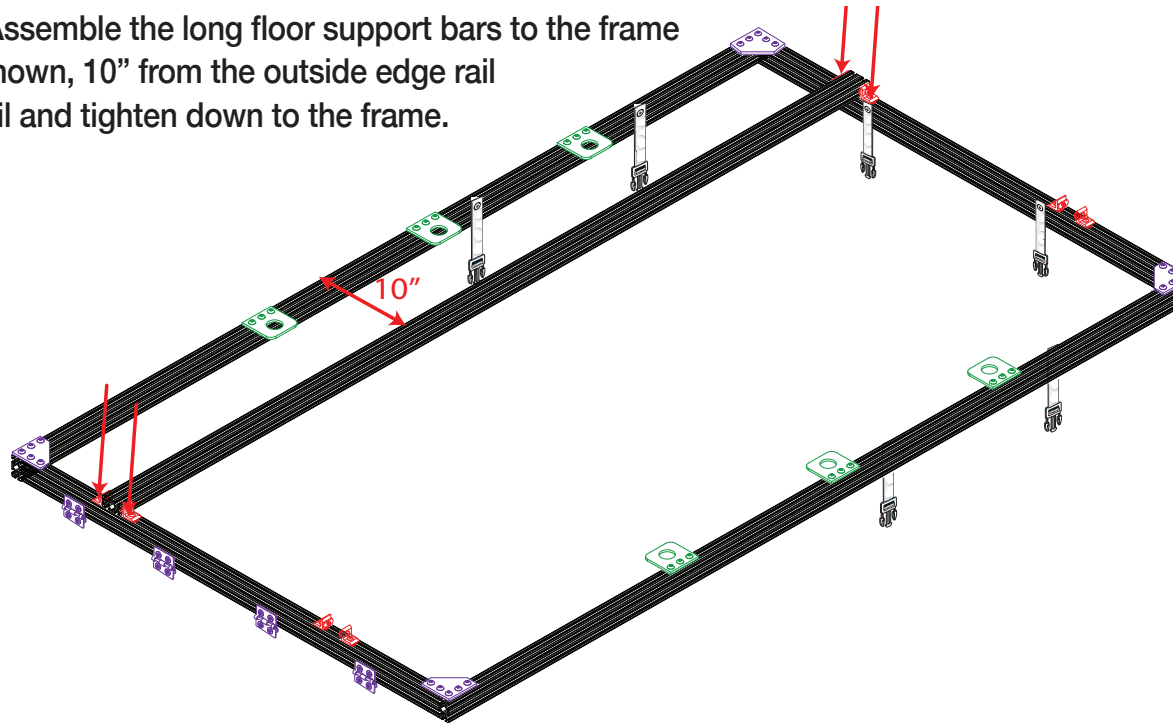
32) Assemble the rear shorter bar to the same side bar as shown, loosely tighten bolts to square in a step 33.



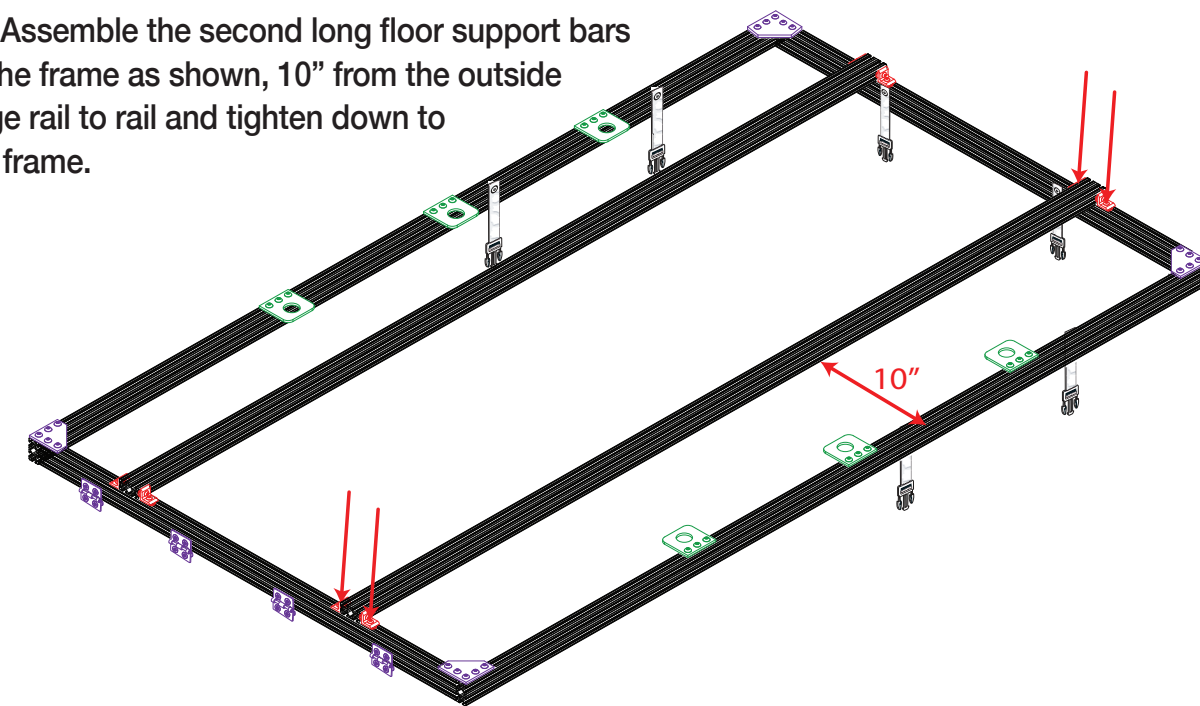
33) Assemble the second long bar to the shorter bars as shown. Before tightening, make sure the assembly is in square and tighten all 8 bolts from steps 31-33. **Double check the frame is in square after tightening the bolts.**



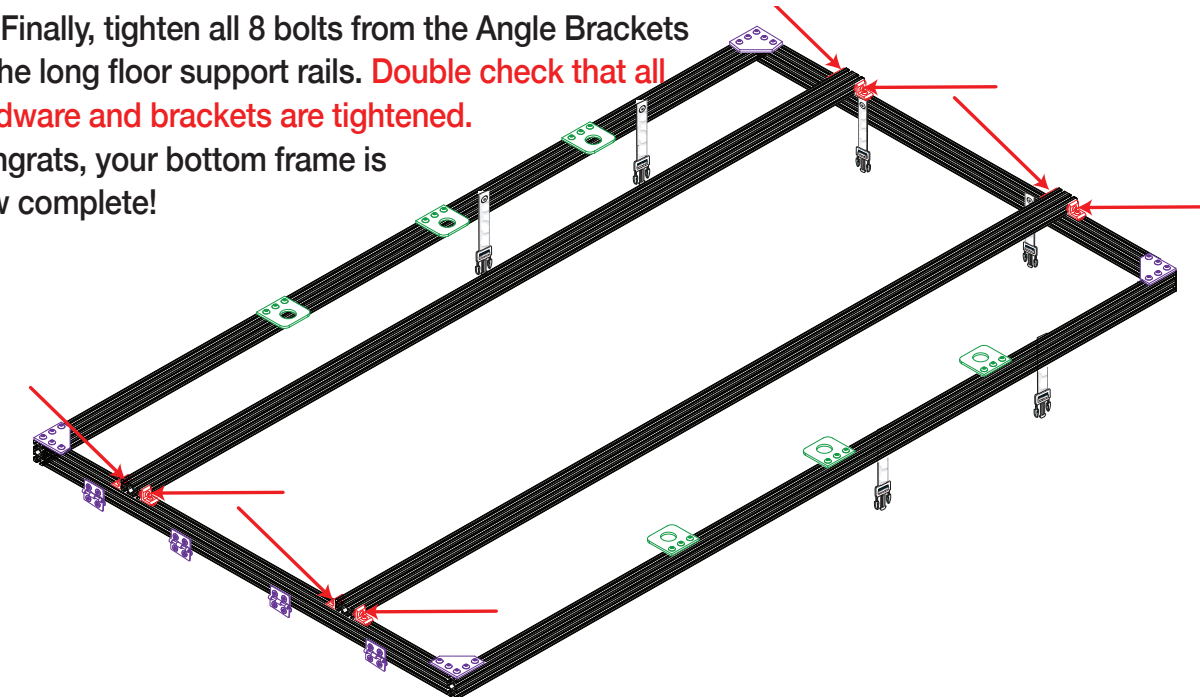
34) Assemble the long floor support bars to the frame as shown, 10" from the outside edge rail to rail and tighten down to the frame.



35) Assemble the second long floor support bars to the frame as shown, 10" from the outside edge rail to rail and tighten down to the frame.



36) Finally, tighten all 8 bolts from the Angle Brackets to the long floor support rails. **Double check that all hardware and brackets are tightened.** Congrats, your bottom frame is now complete!



TOP FRAME

3

SCAN FOR VIDEO

**Side Rail**

- 6x T-nuts outside channel
- 4x T-nuts Top channel
- 15x T-nuts inside channel
(groups of 5 between angle joints to hang tent)
- 4x 1" Angles with T-nuts Inside channel
- 2x Top Corner Brackets

Tent Entry Side End Rail

- 5x T-nuts outside channel
- 4x T-nuts Top channel
- 6x T-nuts inside channel

2x Center Support Rails

- 4x Pre-assembled accessory hooks
w/ T-nuts bottom channel

Side Rail

- 6x T-nuts outside channel
- 4x T-nuts Top channel
- 15x T-nuts inside channel
(groups of 5 between angle joints to hang tent)
- 4x 1" Angles with T-nuts inside channel
- 2x Top Corner Brackets

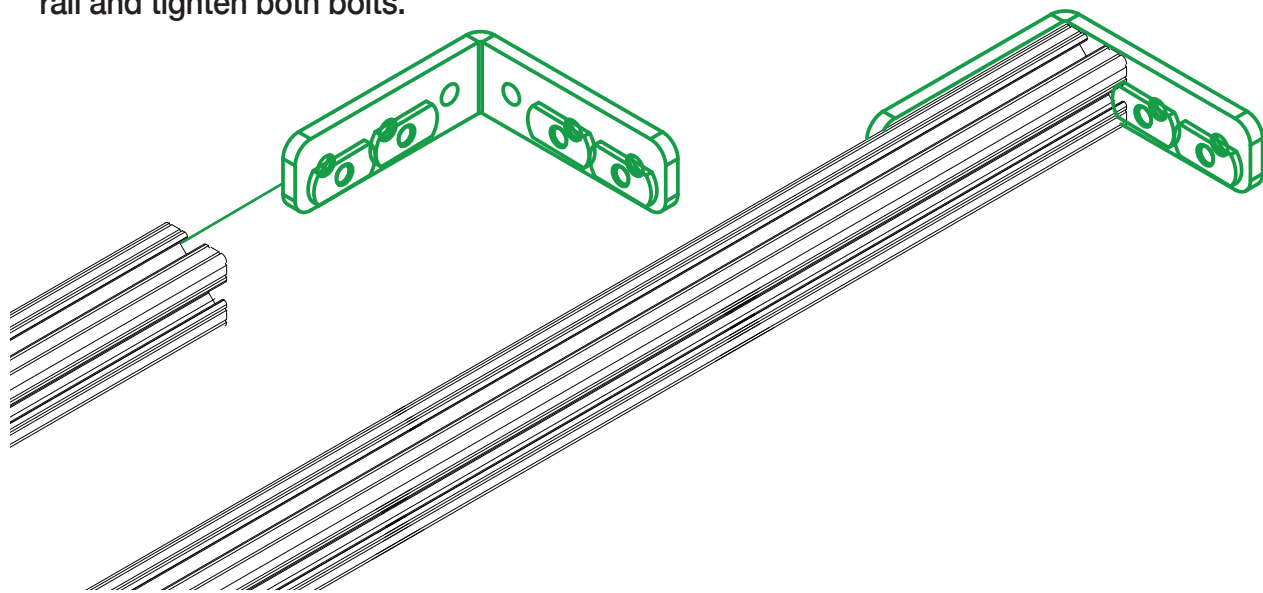
Hinge Side End Rail

- 7x T-nuts inside channel

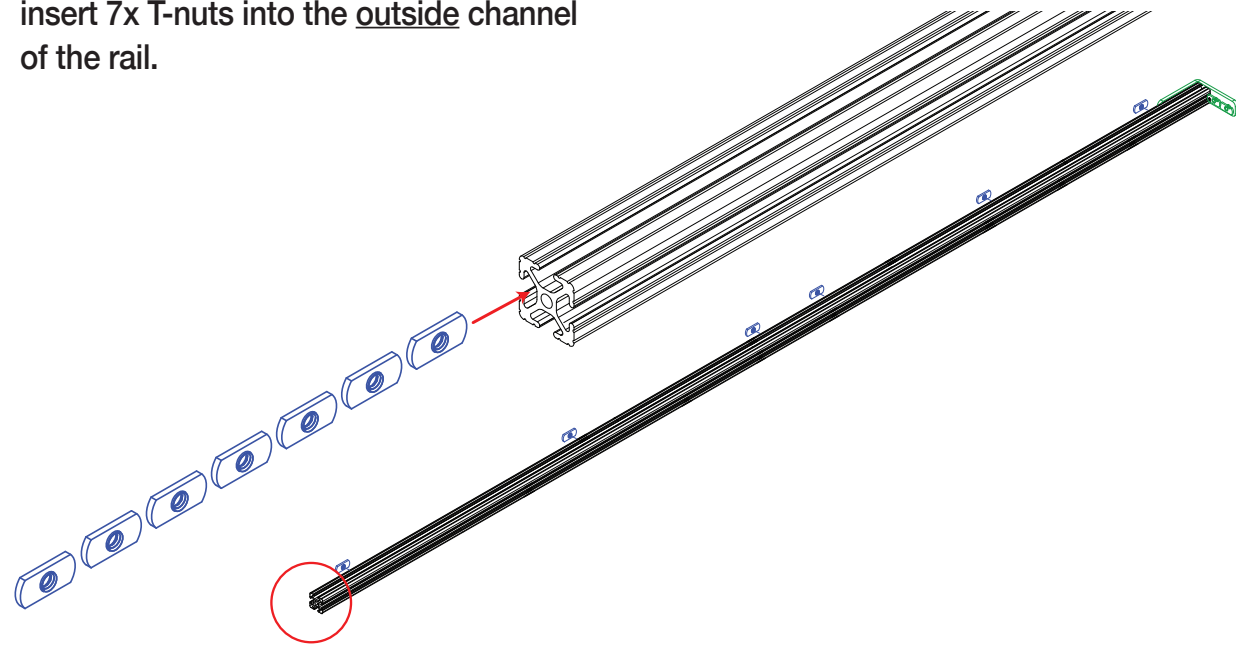
**NOTE:**

The exploded view here shows all of the assembly items used in the build assembly for the top frame. It is extremely important to double check the counts of all items before you assemble to avoid disassembly and reassembly to add missing pieces.

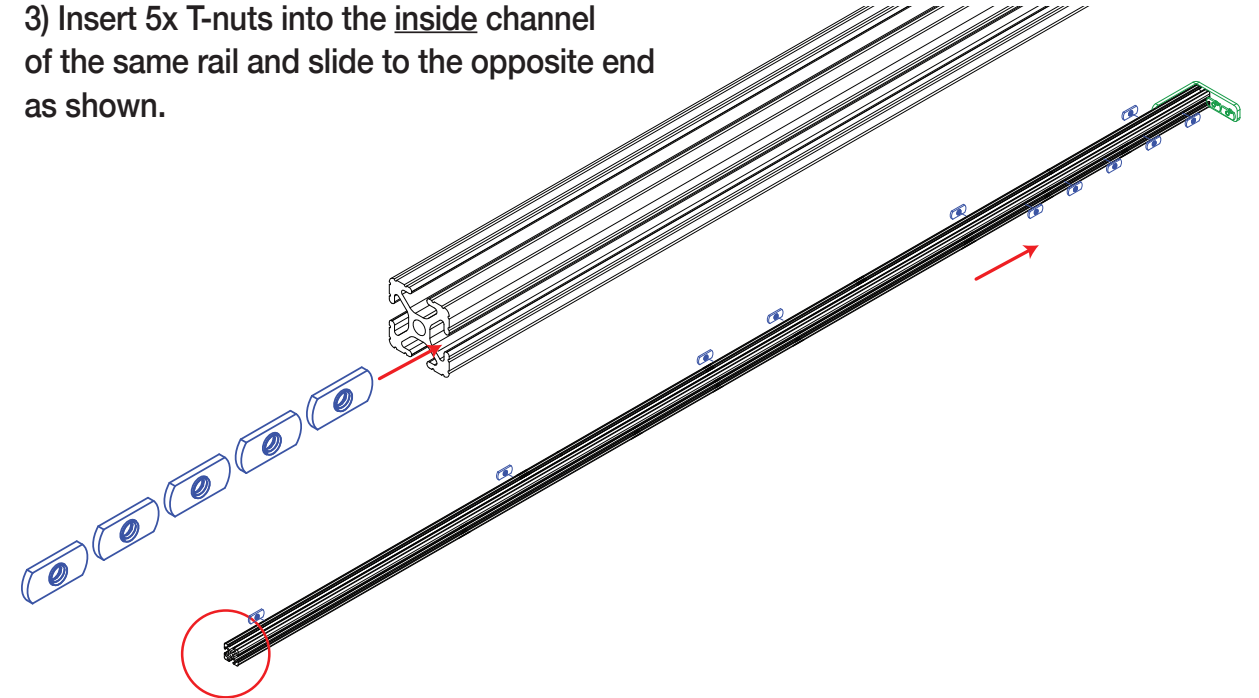
1) Slide pre-assembled Top Corner Bracket into the outside channel of the left side long rail and tighten both bolts.



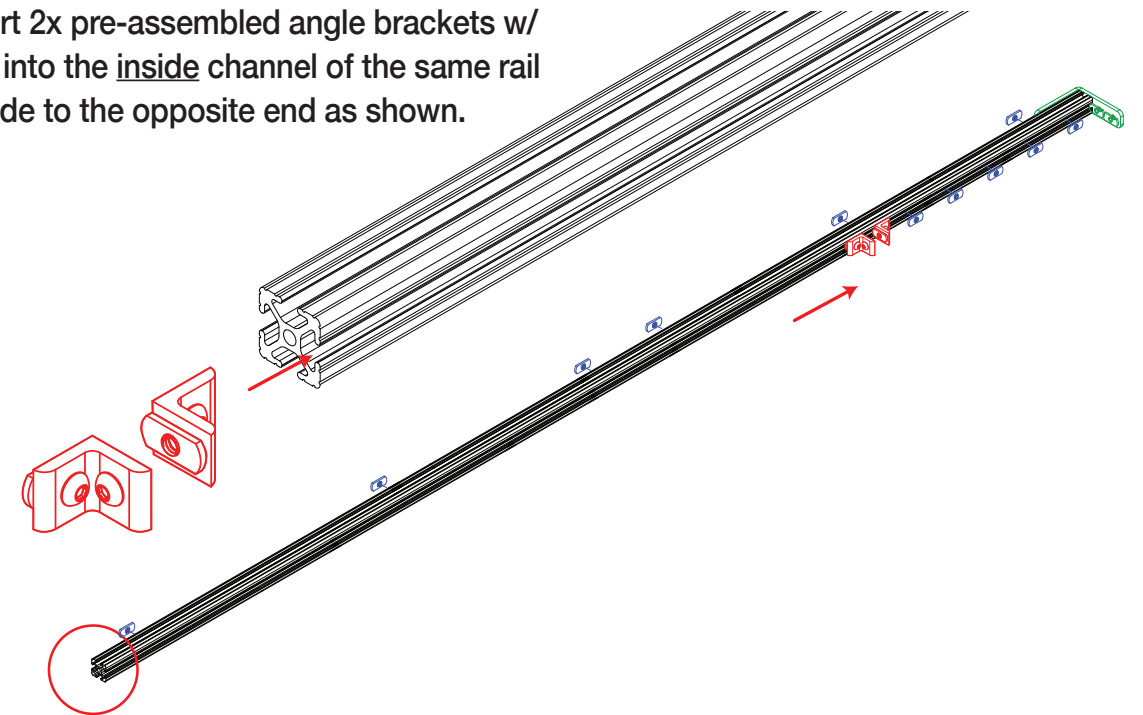
2) On the opposite side of the same rail, insert 7x T-nuts into the outside channel of the rail.



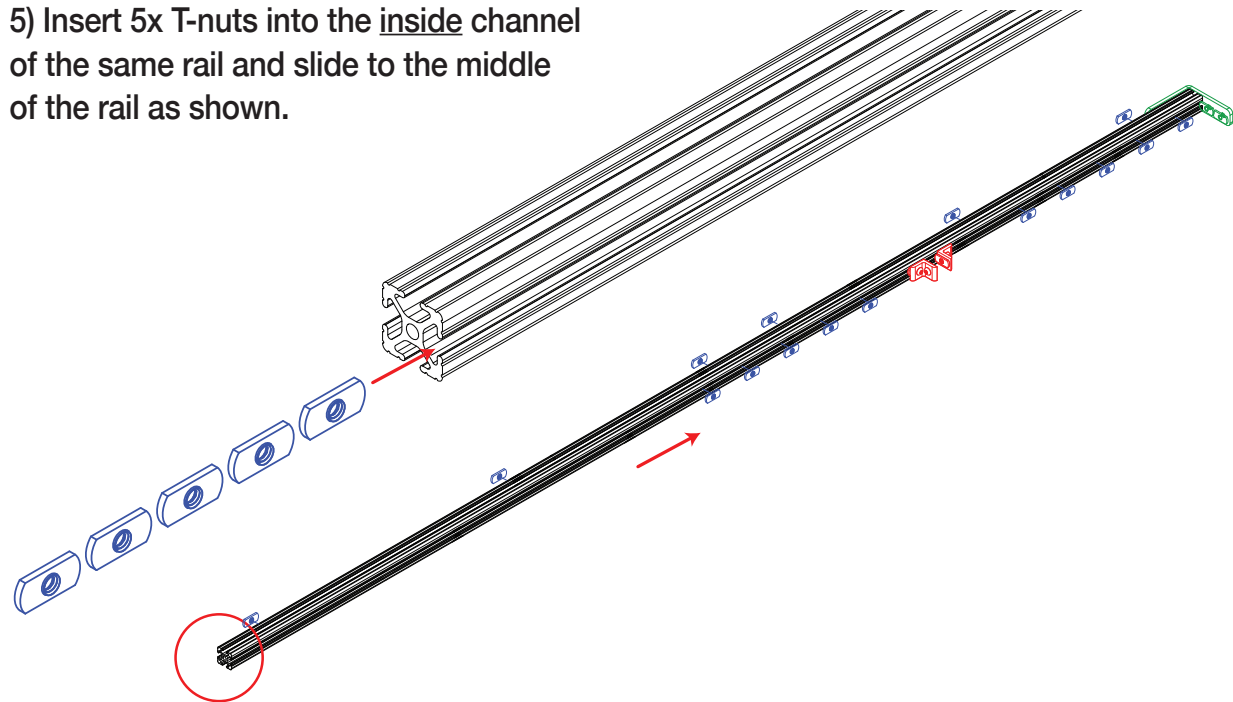
3) Insert 5x T-nuts into the inside channel of the same rail and slide to the opposite end as shown.



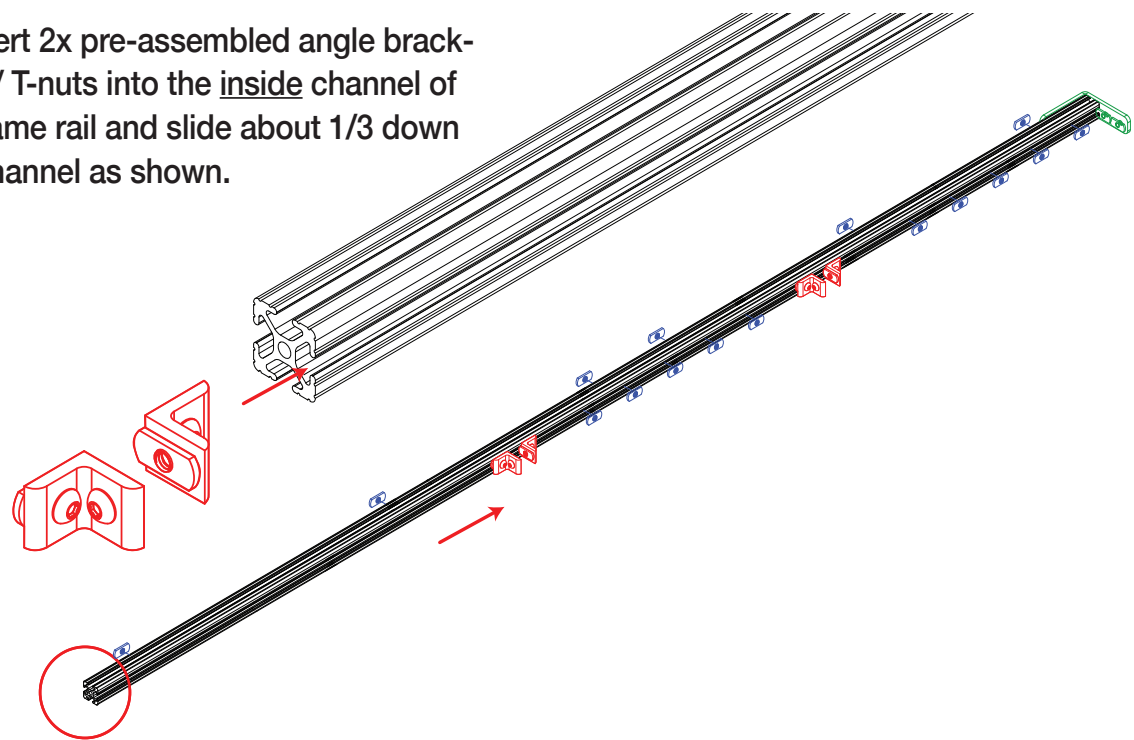
4) Insert 2x pre-assembled angle brackets w/ T-nuts into the inside channel of the same rail and slide to the opposite end as shown.



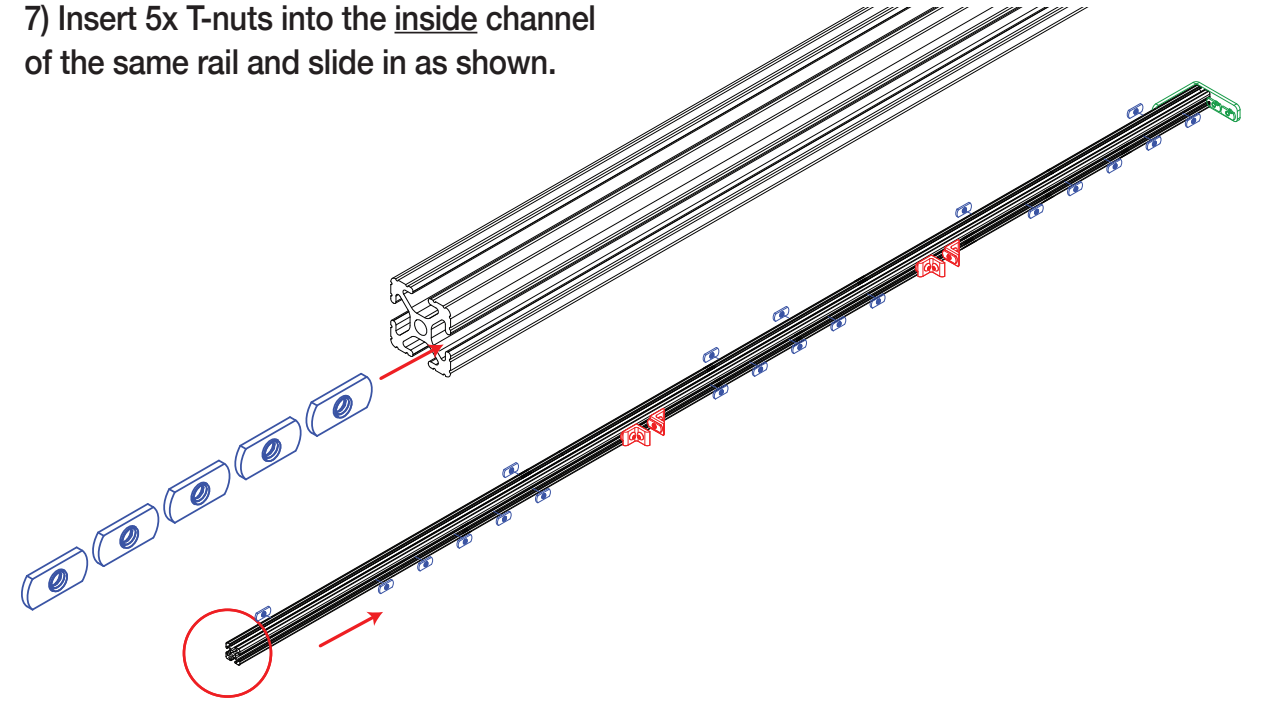
5) Insert 5x T-nuts into the inside channel of the same rail and slide to the middle of the rail as shown.



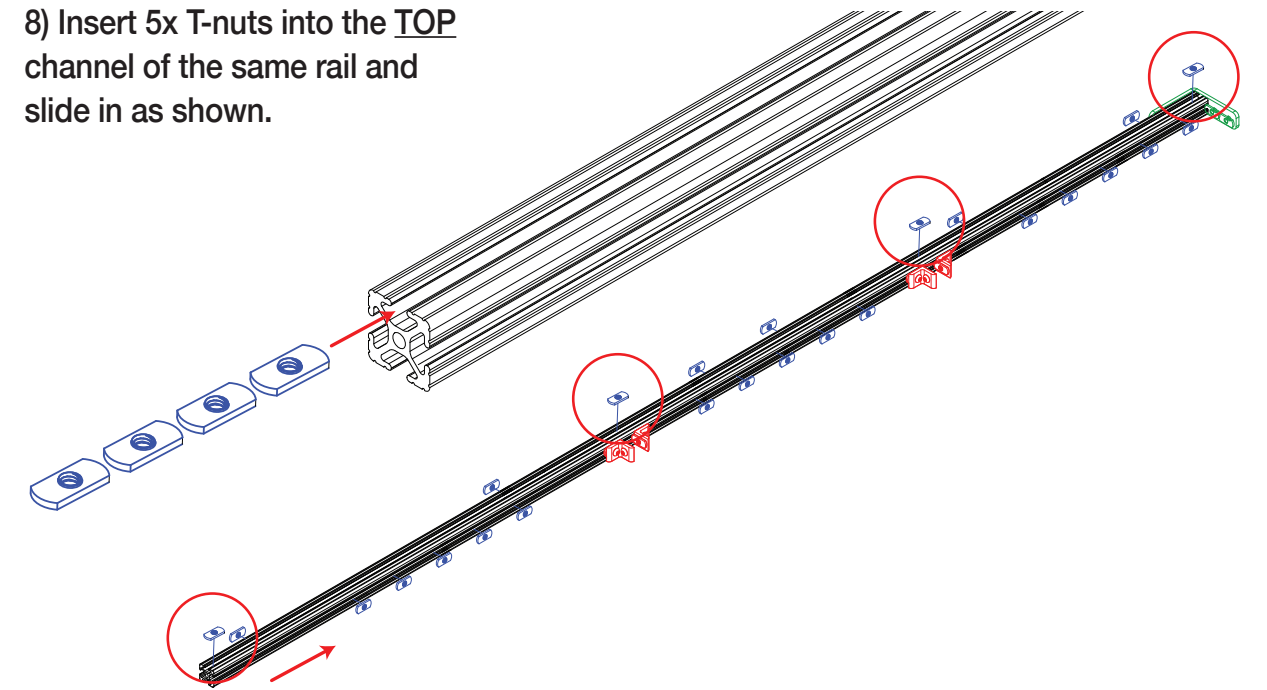
6) Insert 2x pre-assembled angle brackets w/ T-nuts into the inside channel of the same rail and slide about 1/3 down the channel as shown.



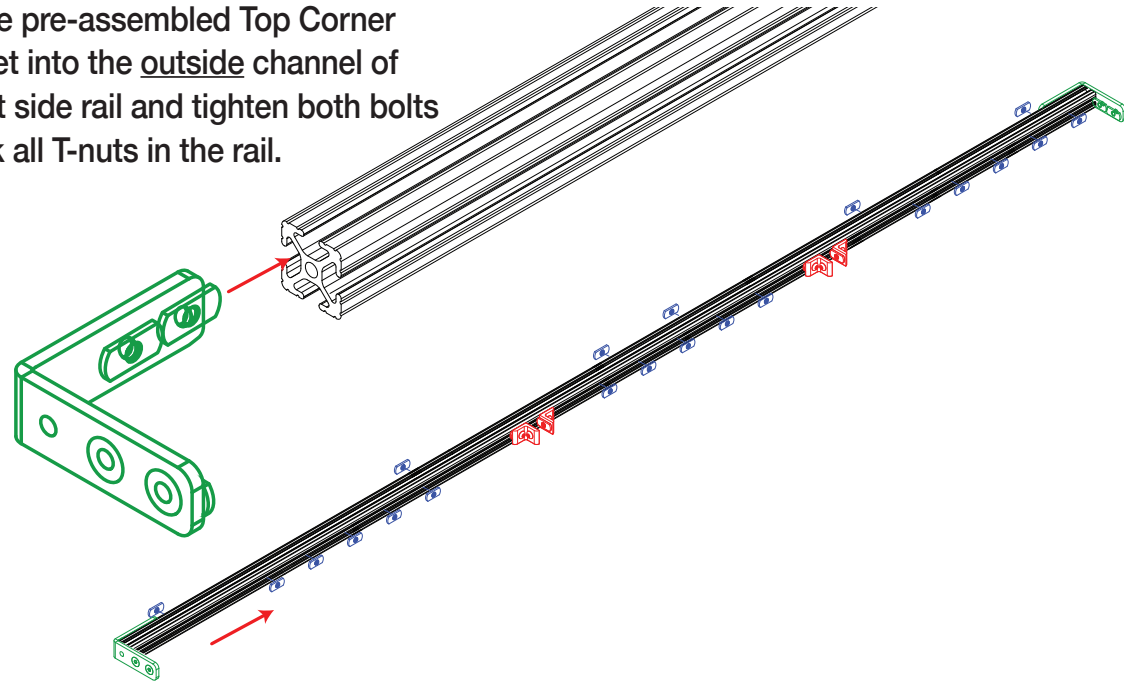
7) Insert 5x T-nuts into the inside channel of the same rail and slide in as shown.



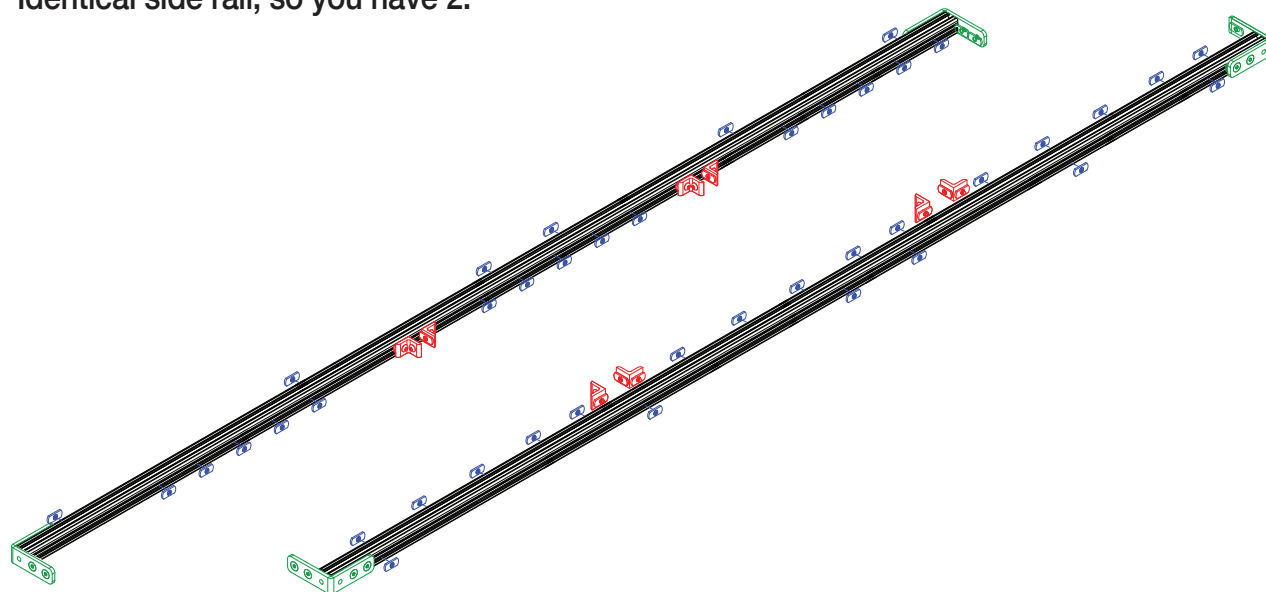
8) Insert 5x T-nuts into the TOP channel of the same rail and slide in as shown.



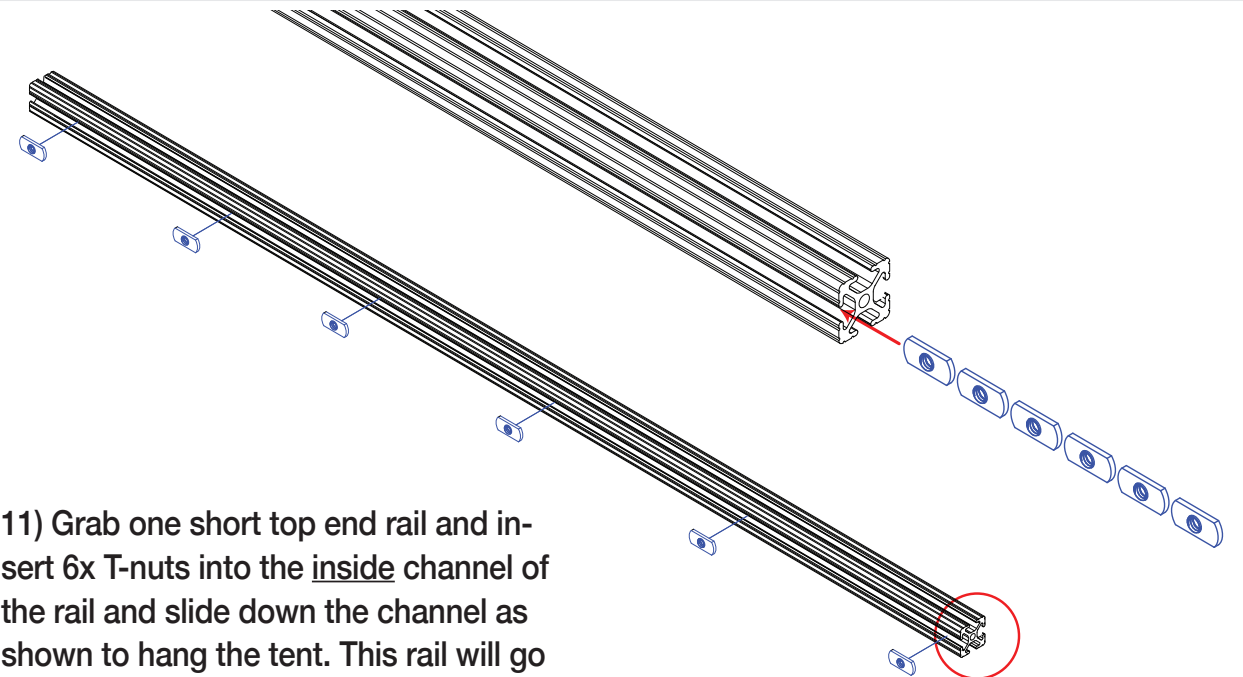
9) Slide pre-assembled Top Corner Bracket into the outside channel of the left side rail and tighten both bolts to lock all T-nuts in the rail.



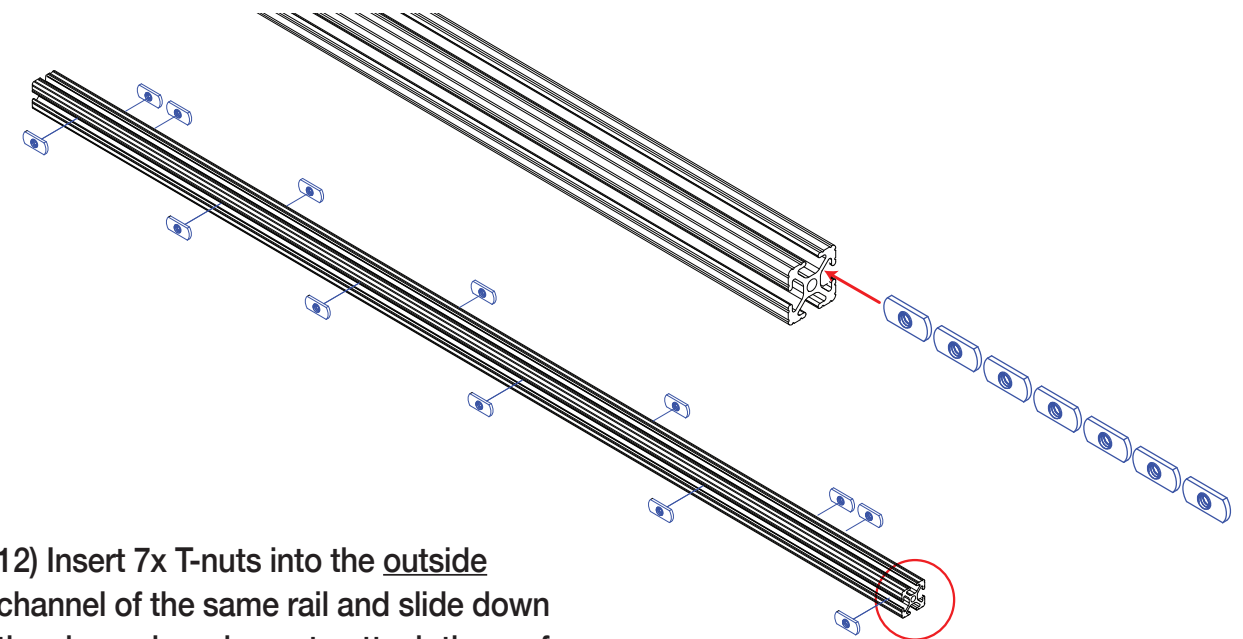
10) Repeats steps 1-8 and create a second Identical side rail, so you have 2.

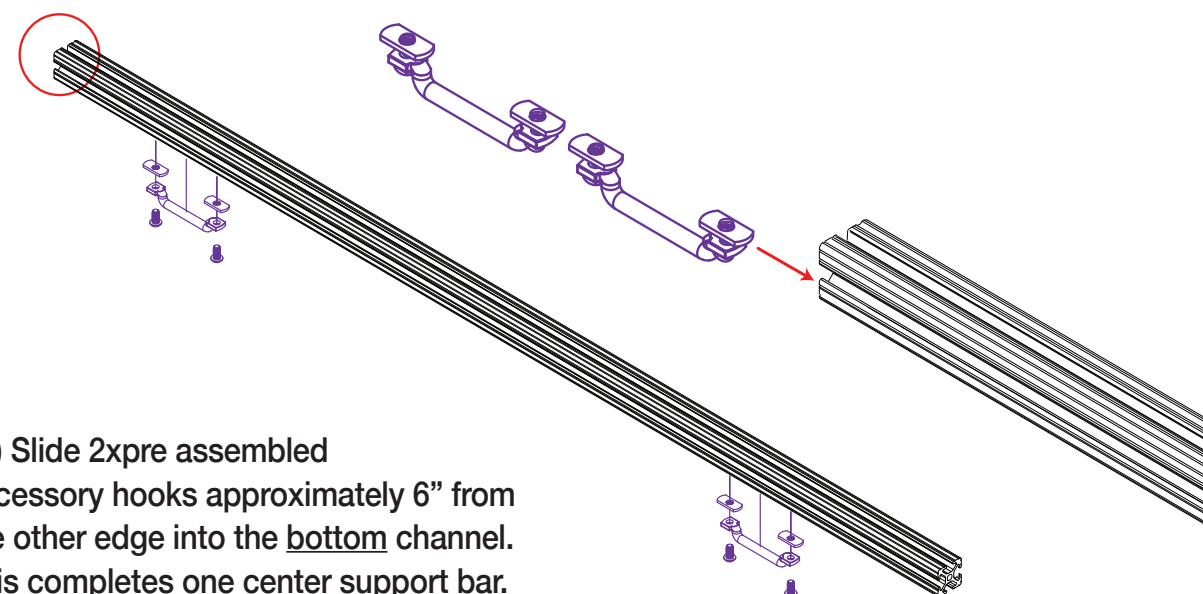


11) Grab one short top end rail and insert 6x T-nuts into the inside channel of the rail and slide down the channel as shown to hang the tent. This rail will go on the tent opening side of the frame.

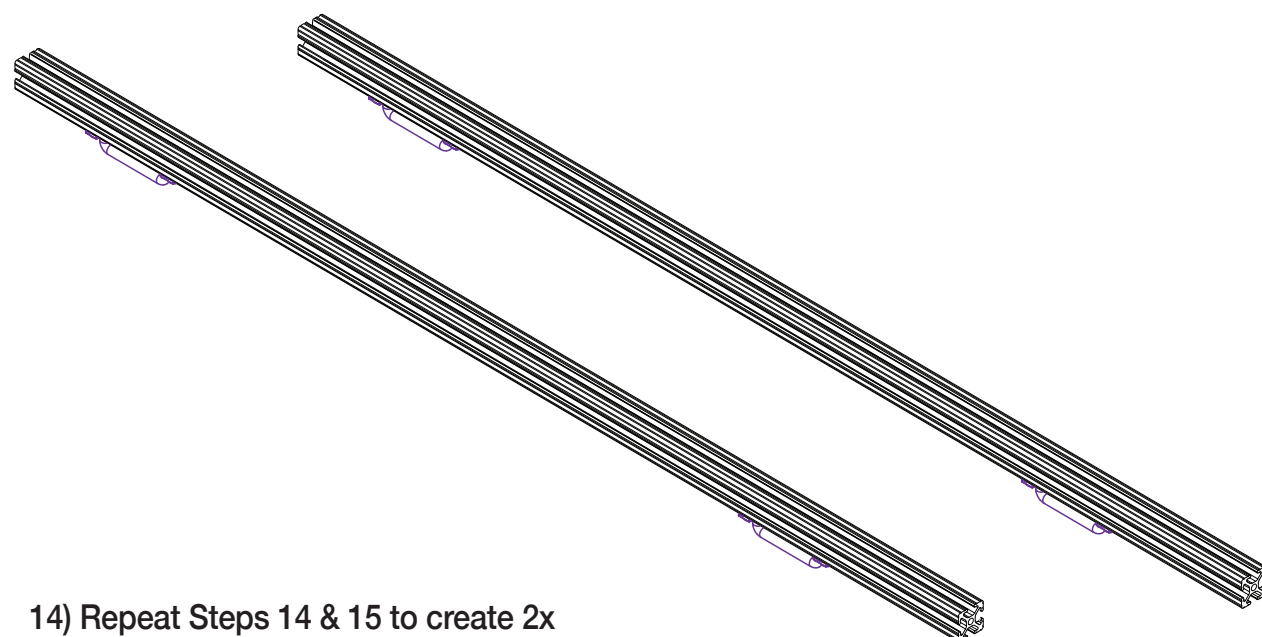


12) Insert 7x T-nuts into the outside channel of the same rail and slide down the channel as shown to attach the roof panel later.

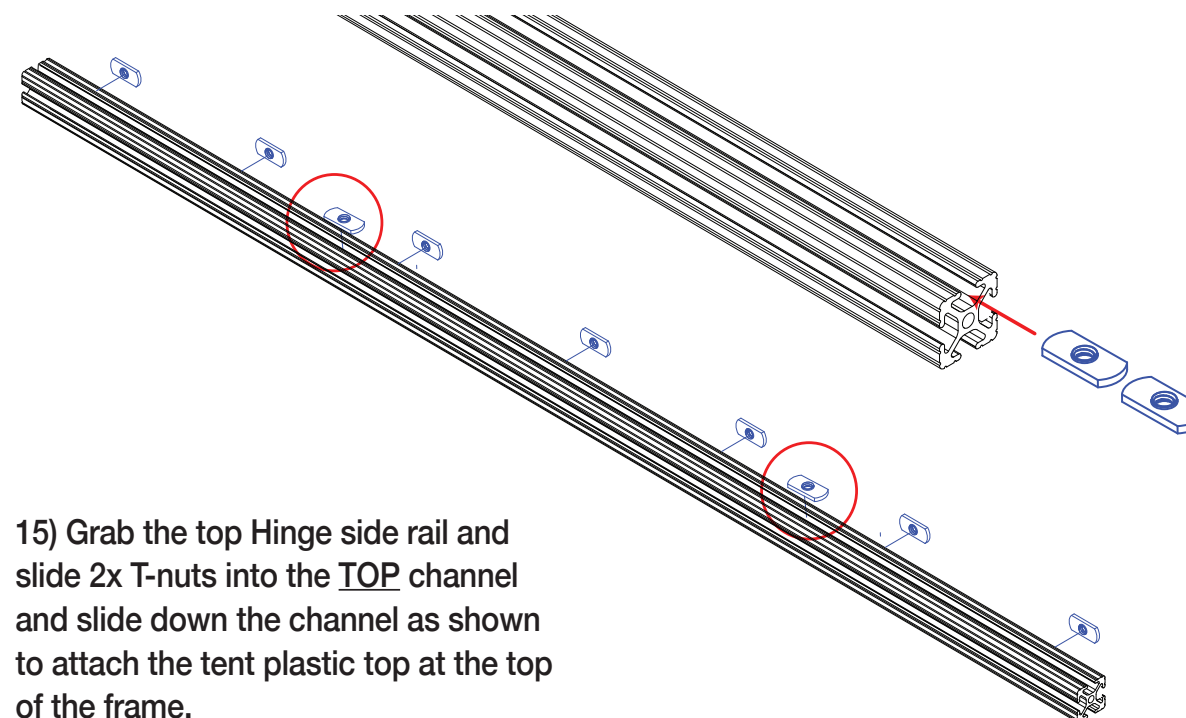




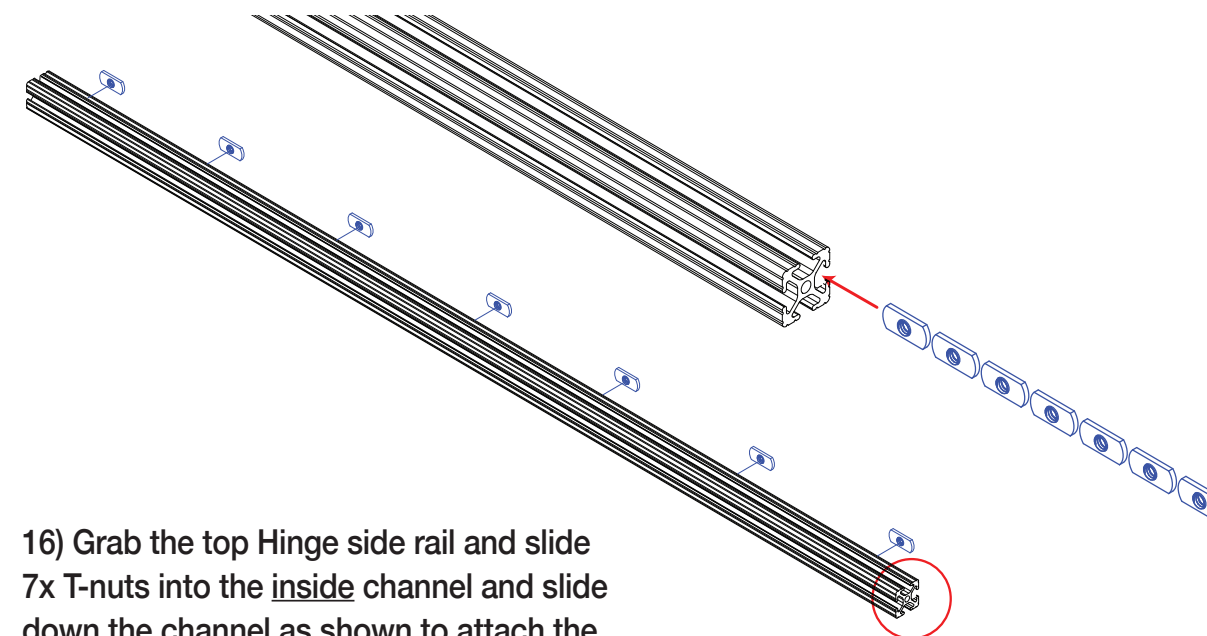
13) Slide 2xpre assembled accessory hooks approximately 6" from the other edge into the bottom channel. This completes one center support bar.



14) Repeat Steps 14 & 15 to create 2x center support Bars and set aside.

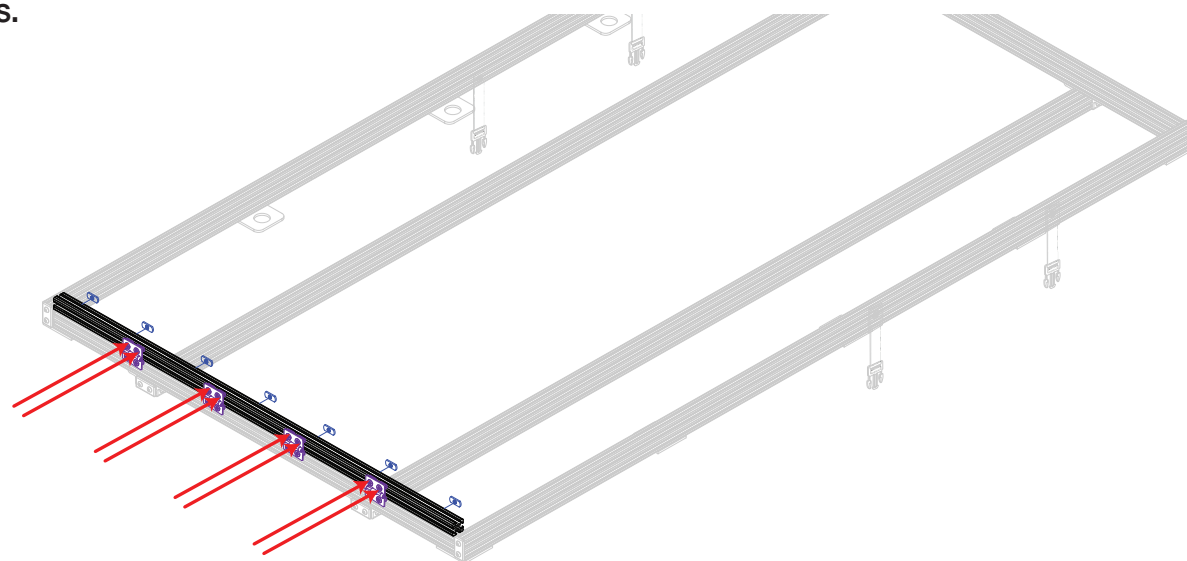


15) Grab the top Hinge side rail and slide 2x T-nuts into the TOP channel and slide down the channel as shown to attach the tent plastic top at the top of the frame.

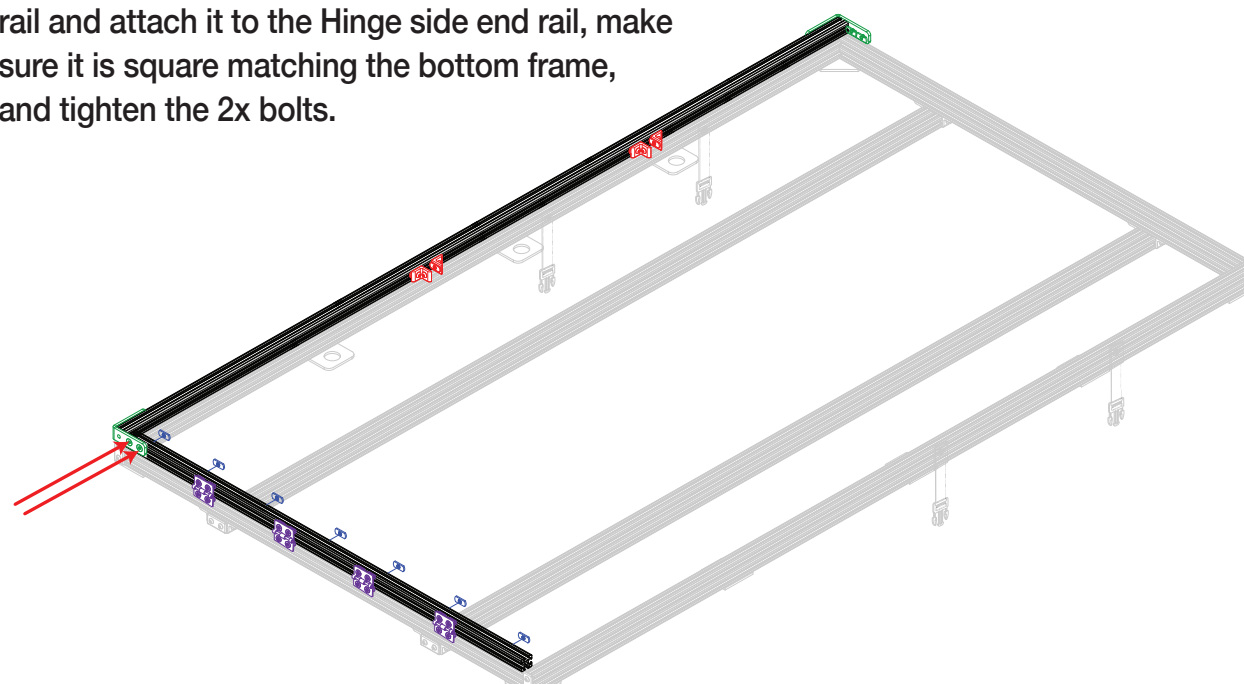


16) Grab the top Hinge side rail and slide 7x T-nuts into the inside channel and slide down the channel as shown to attach the tent at the bottom of the frame.

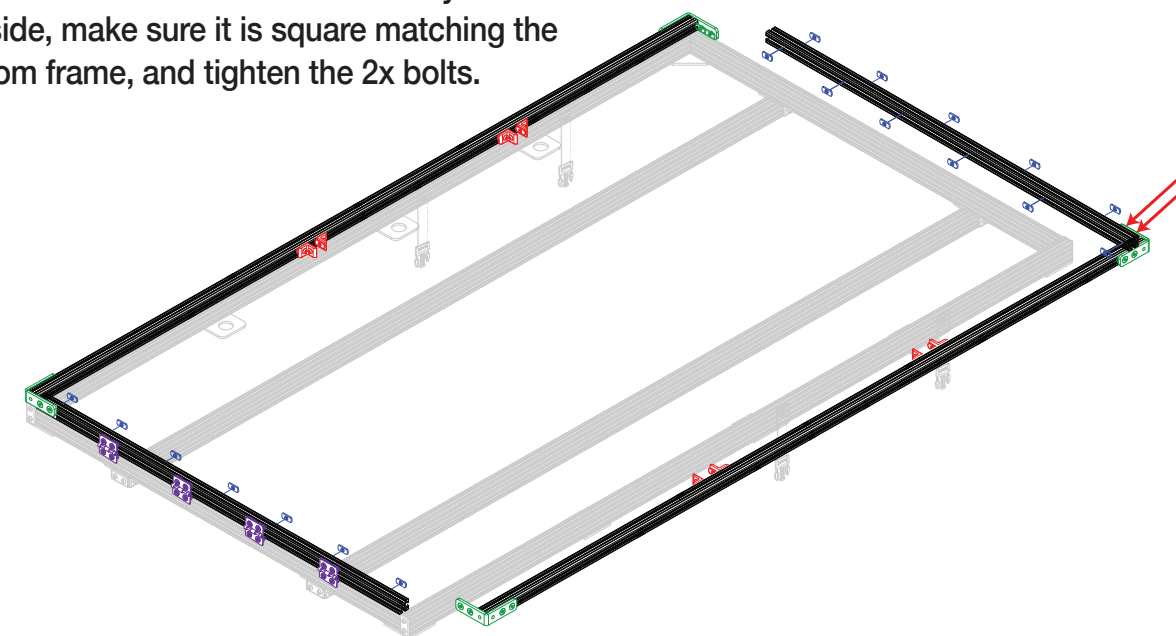
17) Flip your previously assembled bottom frame over so it is sitting right side up now to assemble the top frame on top of it. Slide the Hinge side end rail into the pre-assembled Hinges, check the edges to make sure the match the bottom and then tighten down the bolts.



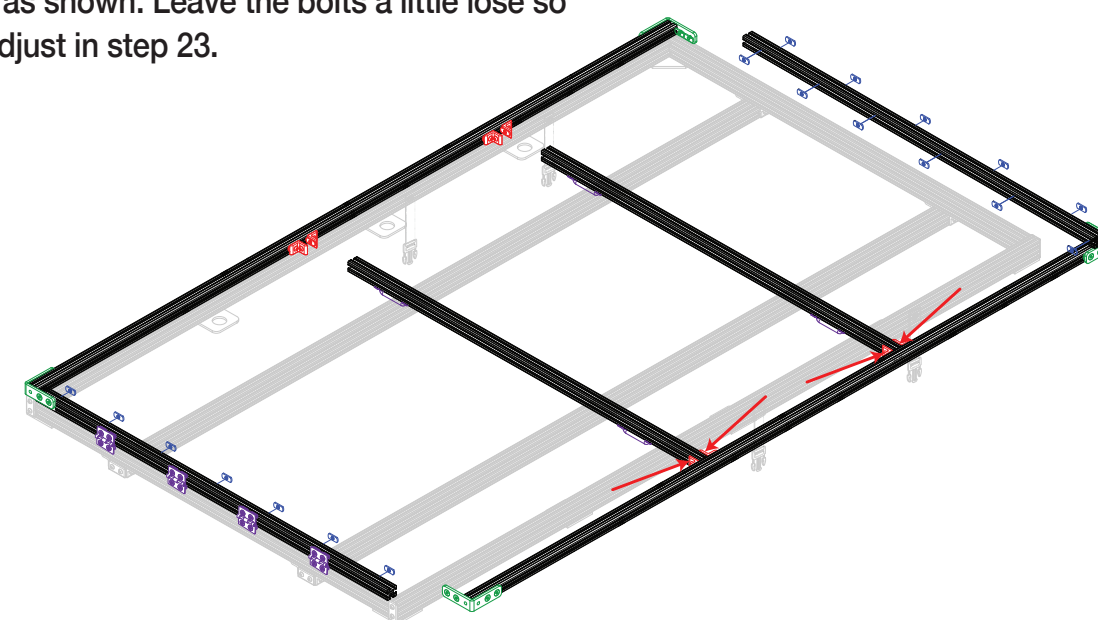
18) Grab one previously assembled long side rail and attach it to the Hinge side end rail, make sure it is square matching the bottom frame, and tighten the 2x bolts.



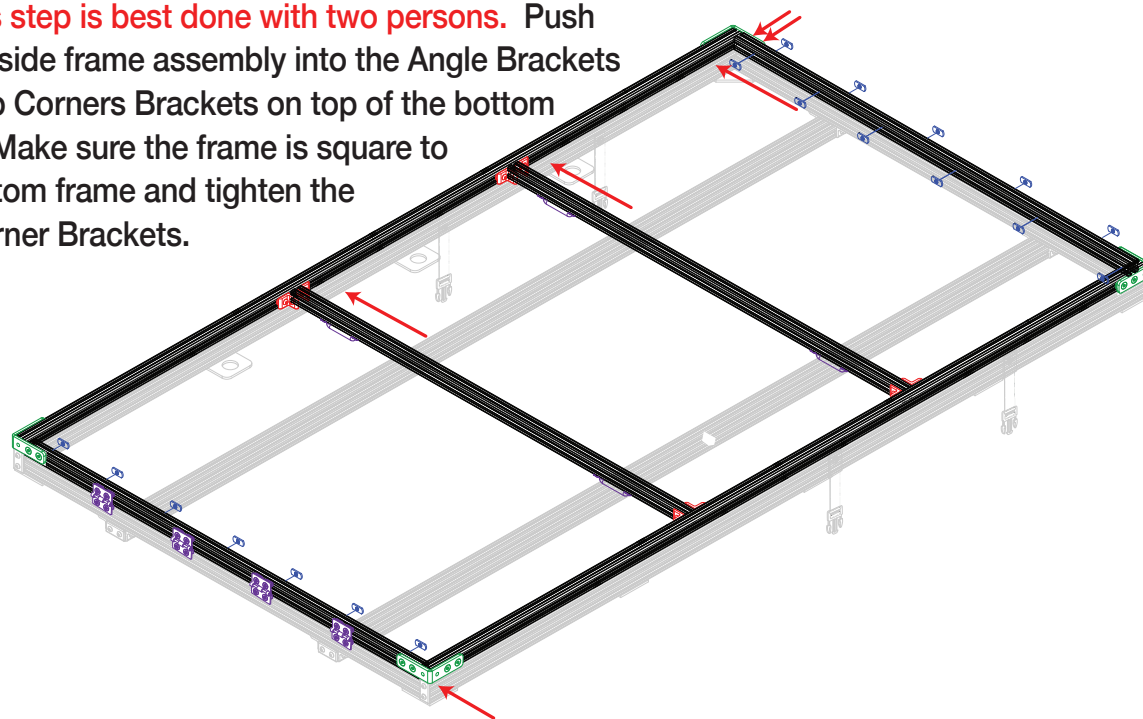
19) Grab the second previously assembled long side rail and attach it to the tent entry side end rail side, make sure it is square matching the bottom frame, and tighten the 2x bolts.



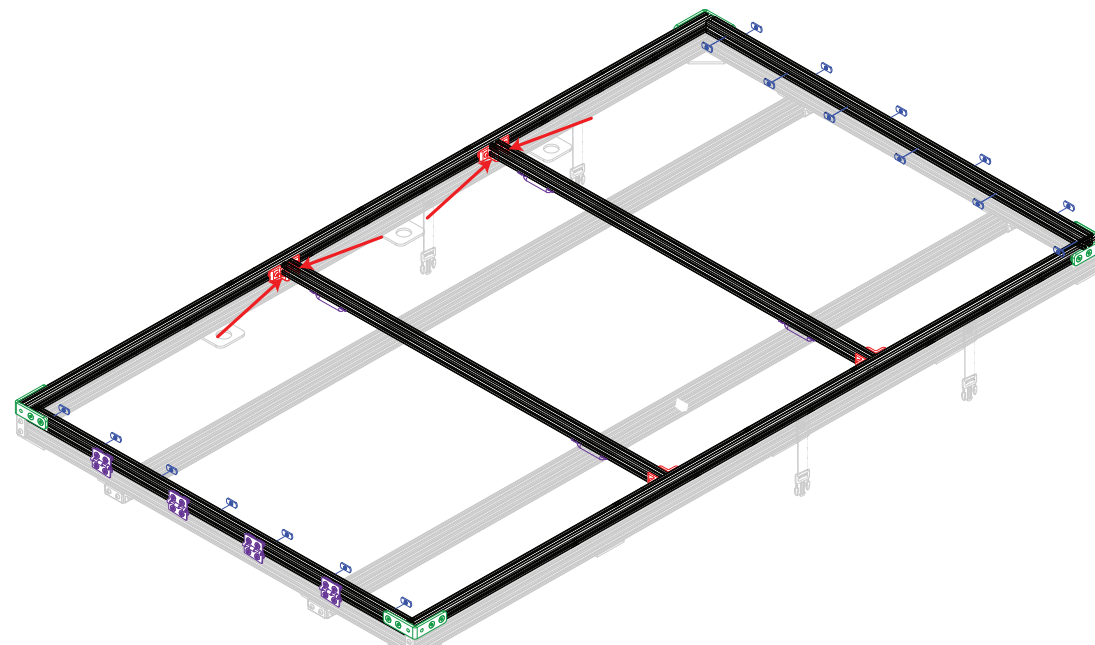
20) Grab two of the center support bars previously assembled and insert them into the left side frame assembly as shown. Leave the bolts a little loose so you can adjust in step 23.



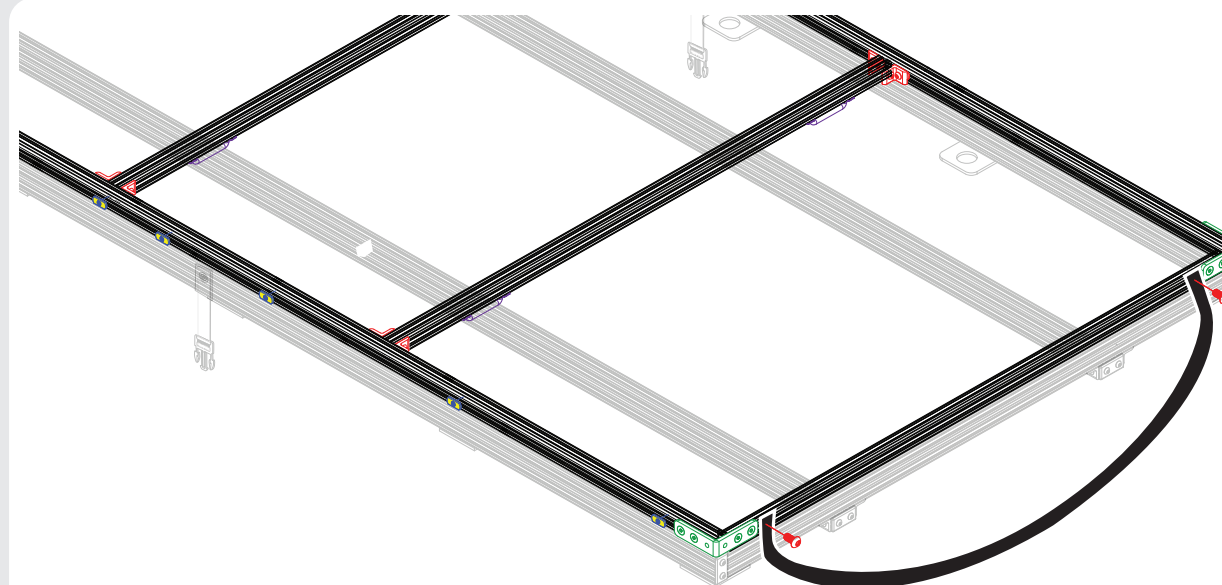
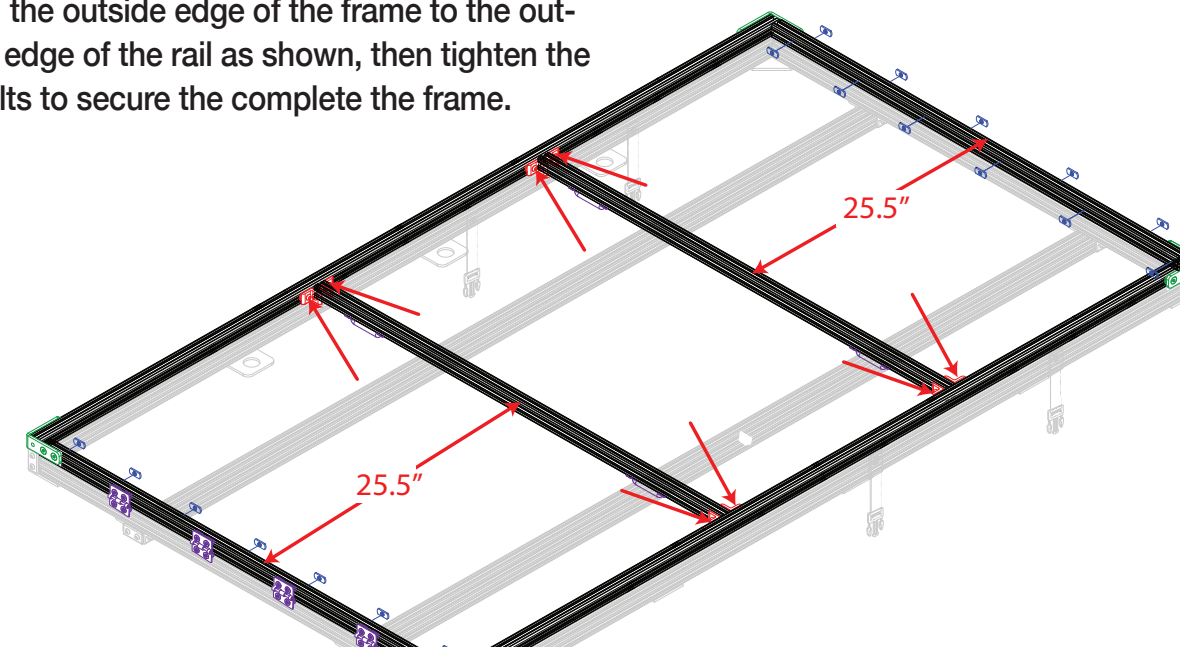
21) **This step is best done with two persons.** Push the left side frame assembly into the Angle Brackets and Top Corners Brackets on top of the bottom frame. Make sure the frame is square to the bottom frame and tighten the Top Corner Brackets.



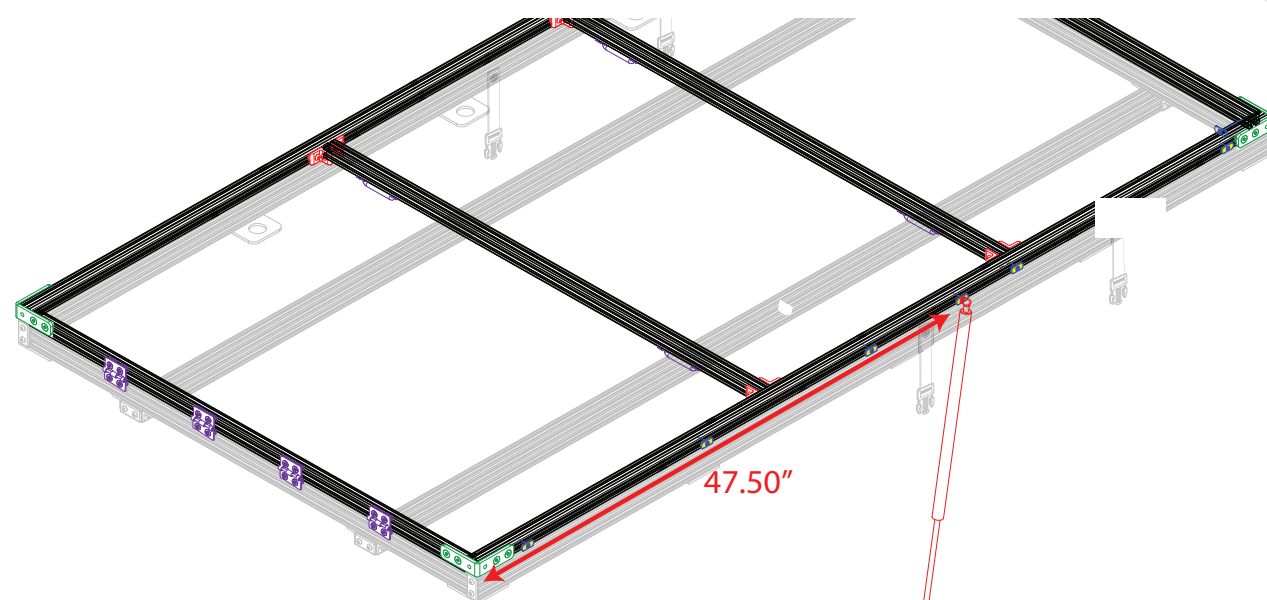
22) Tighten the bolts to the Angle Brackets as shown.



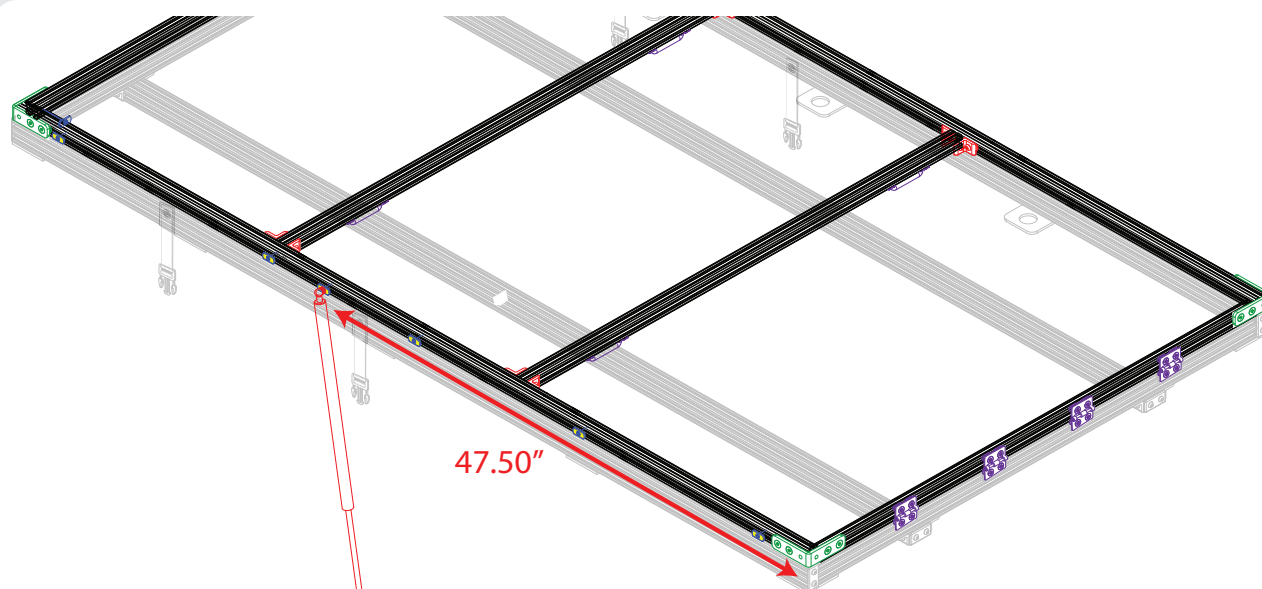
23) Position the two center support bars 25.5" from the outside edge of the frame to the outside edge of the rail as shown, then tighten the 8 bolts to secure the complete the frame.



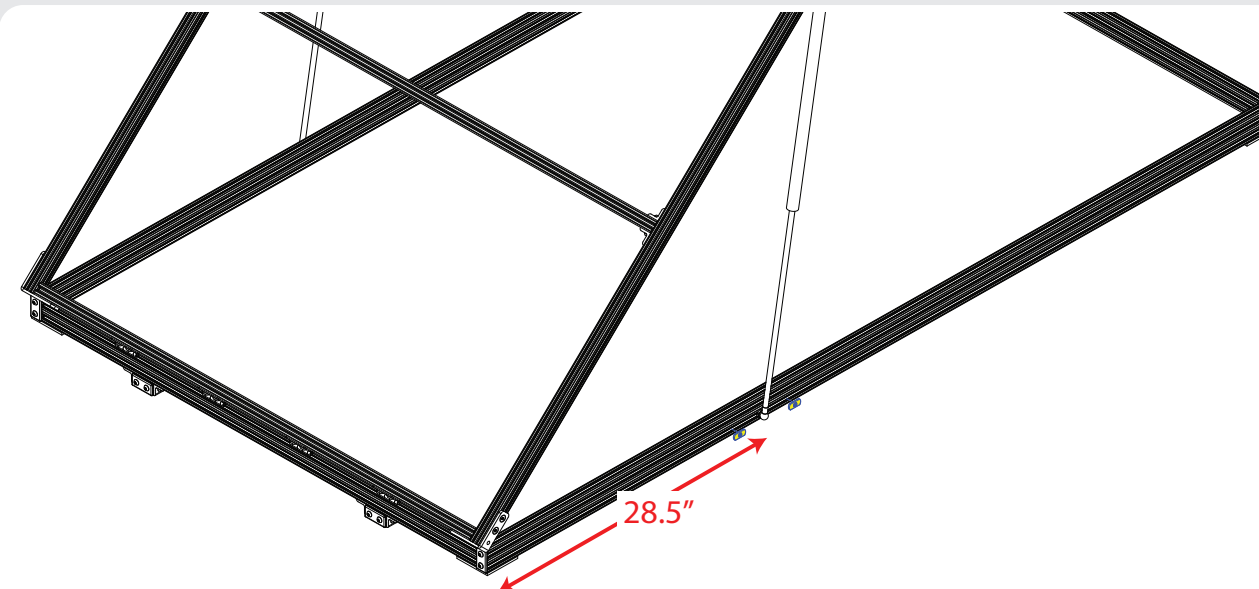
24) Attach the pull down strap (not shown to scale) to the tent opening side, top frame rail, using the outside T-nuts and push against the Top Corner Brackets and tighten as shown.



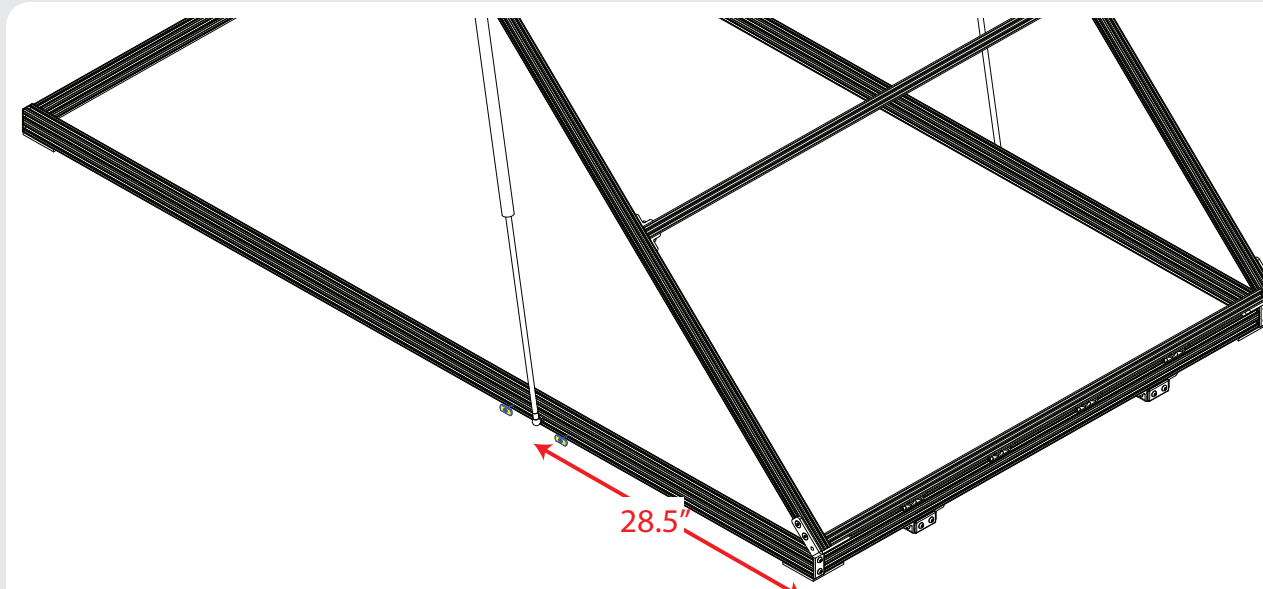
27) Attach the left side strut to the top rail using the 3rd T-nut from the outside edge at 47.50" from the outside edge of the frame rail to center of T-nut using a flat washer spacer.



28) Attach the right side strut to the top rail using the 3rd T-nut from the outside edge at 47.50" from the outside edge of the frame rail to center of T-nut using a flat washer spacer.

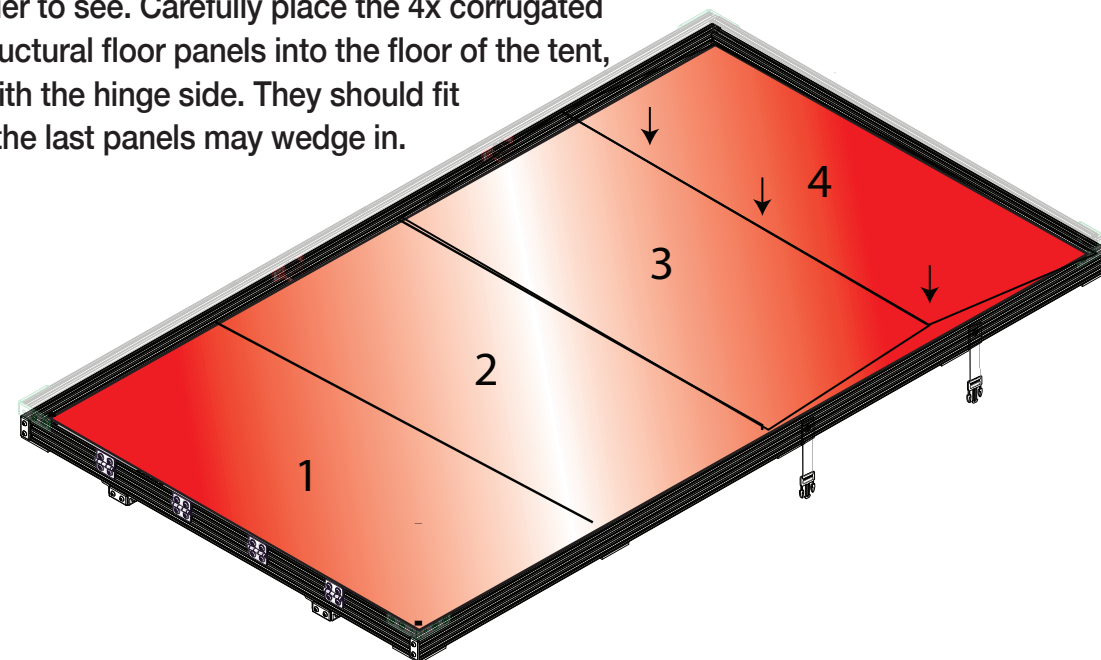


29) Best way to do this step is have your friend push up and hold the top frame so you can easily attach the bottom of the strut to the center T-nut 28.5" from the edge of the frame rail as shown using a flat washer spacer.

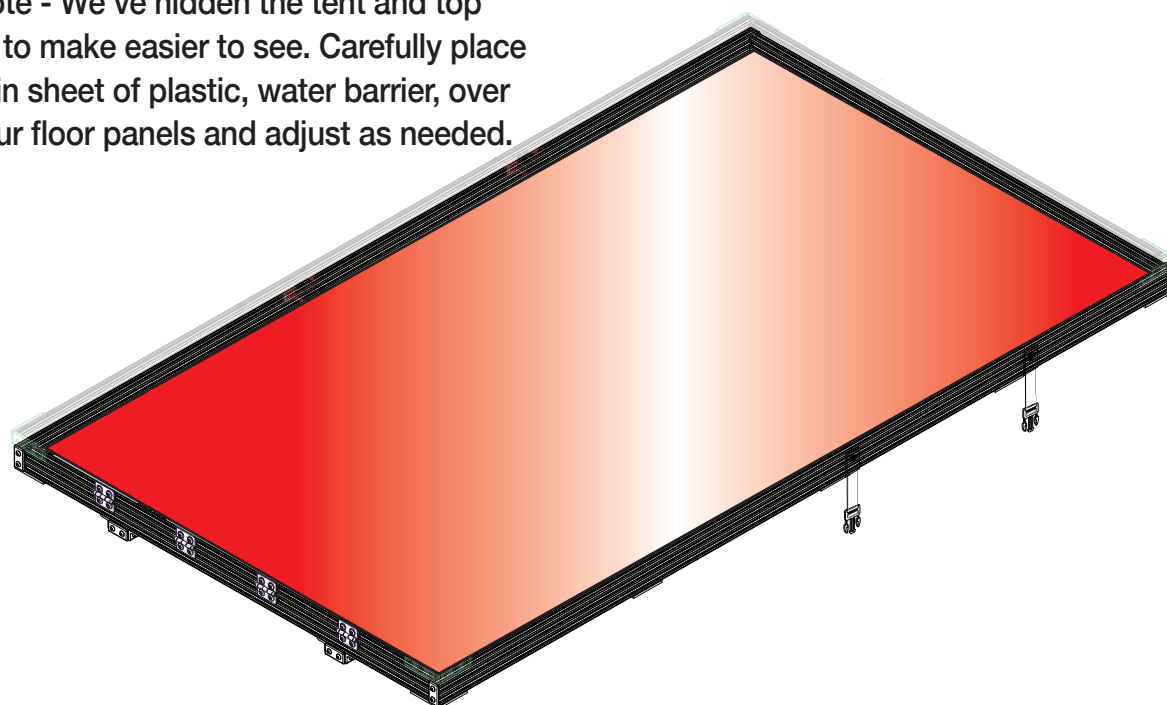


30) Repeat step 28 on the right side strut to the center T-nut 28.5" from the edge of the frame rail as shown using a flat washer spacer. Congrats, you've completed the tent frame! **Double check all bolts are tight before continuing to hanging the tent.**

31) Note - We've hidden the tent and top frame to make easier to see. Carefully place the 4x corrugated plastic structural floor panels into the floor of the tent, starting with the hinge side. They should fit tight and the last panels may wedge in.



32) Note - We've hidden the tent and top frame to make easier to see. Carefully place the thin sheet of plastic, water barrier, over the four floor panels and adjust as needed.



HANG TENT

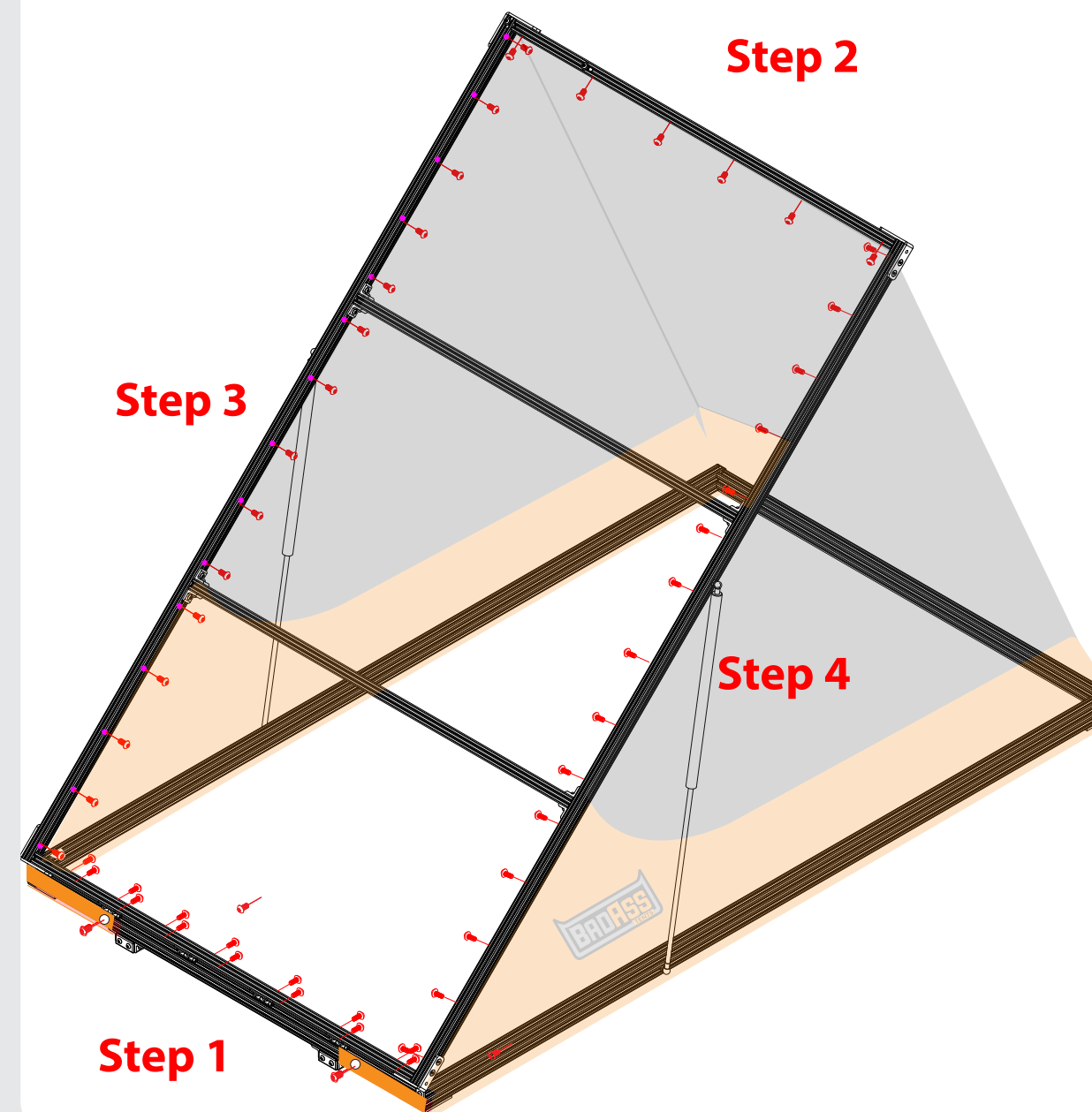
4

SCAN FOR VIDEO



This process will take up to 2hrs so be patient, **Do not fully tighten any bolts till you have the entire top loosely hung with all of the button head screws.**

Starting at the hinge side, loosely attach the bottom of the tent to the button head screws through the tent and flip the tent flaps to the outside and attach the 2 outside bolts. Then, loosely attach the top end bolts and finally both sides.



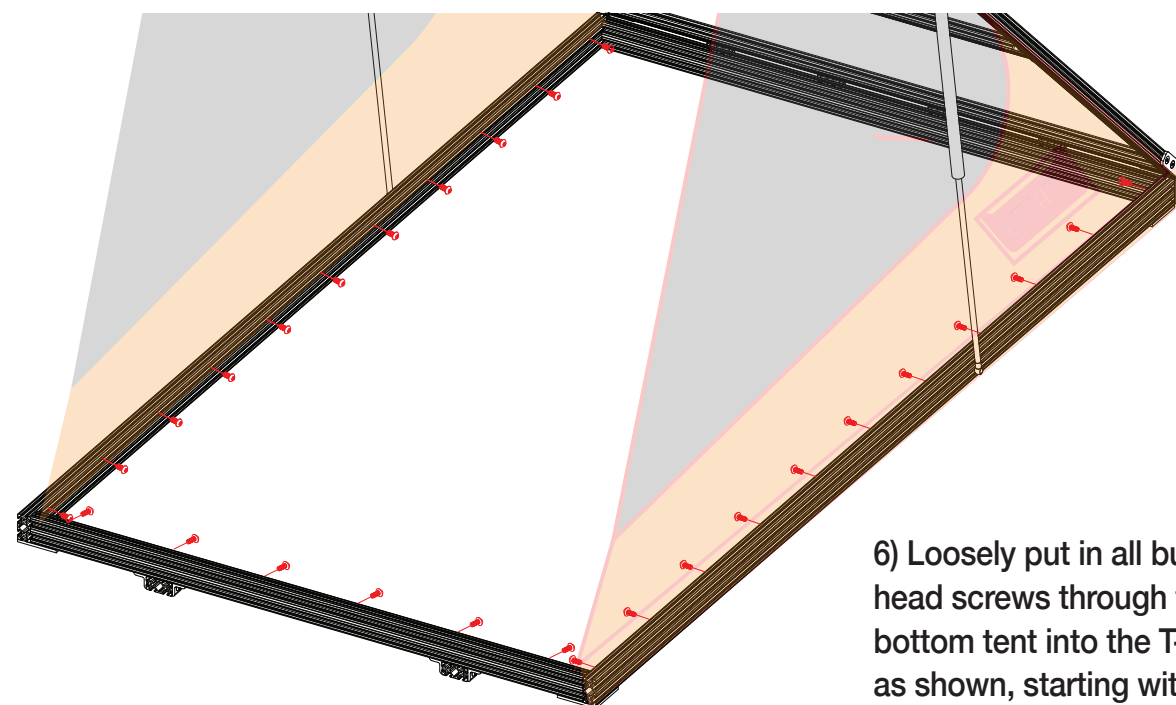
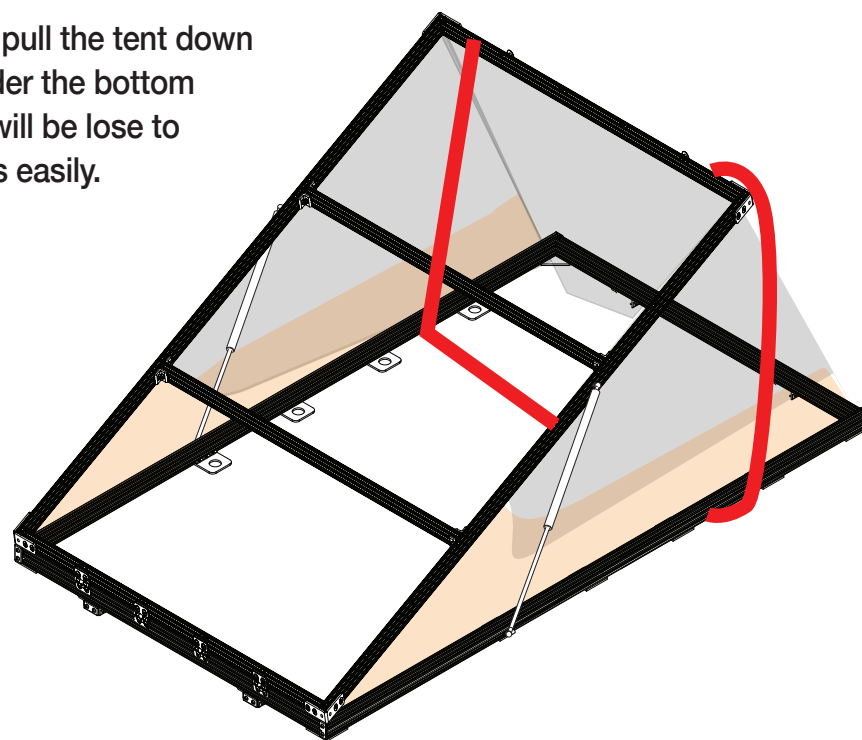
Step 1

Step 2

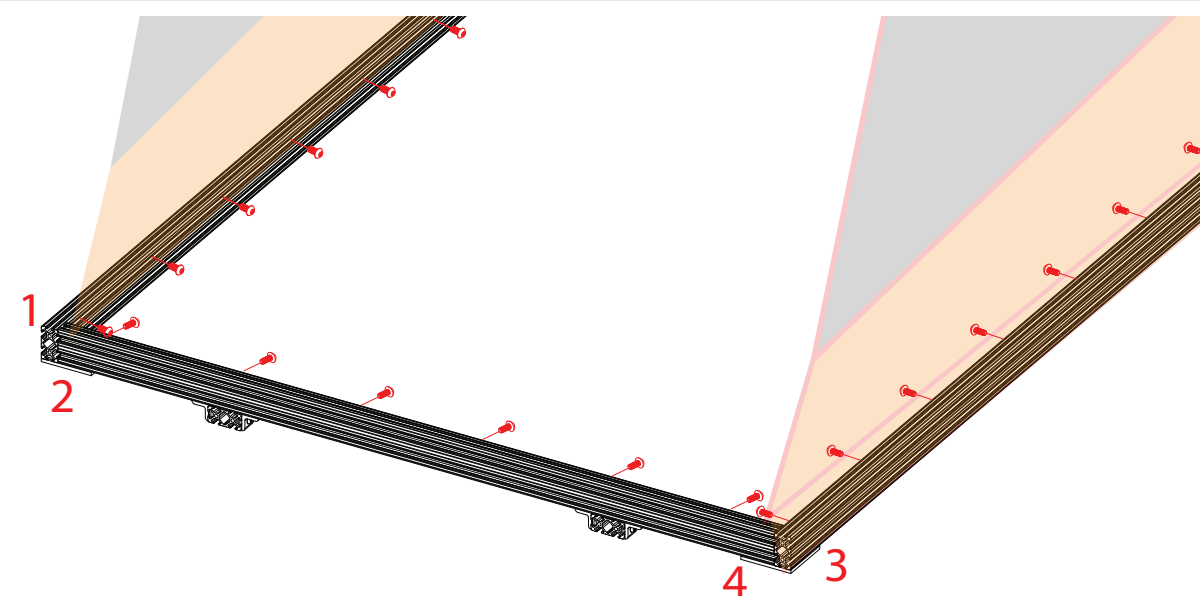
Step 3

Step 4

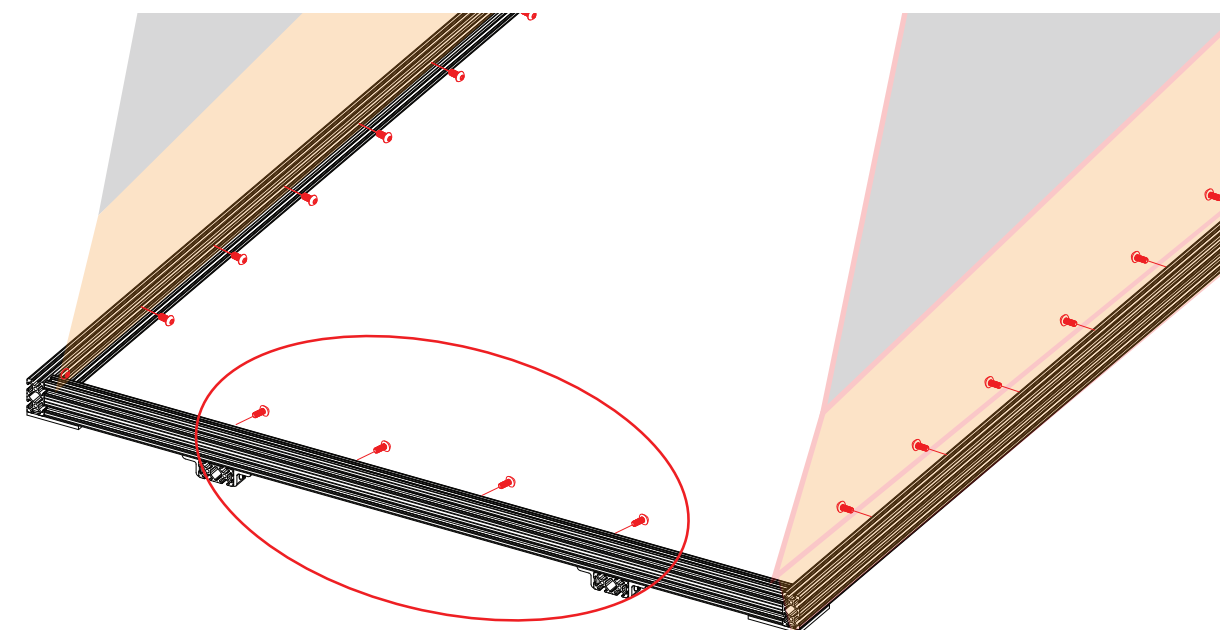
5) Using the pull strap, pull the tent down and hook the strap under the bottom frame so that the tent will be loose to attach the bottom bolts easily.



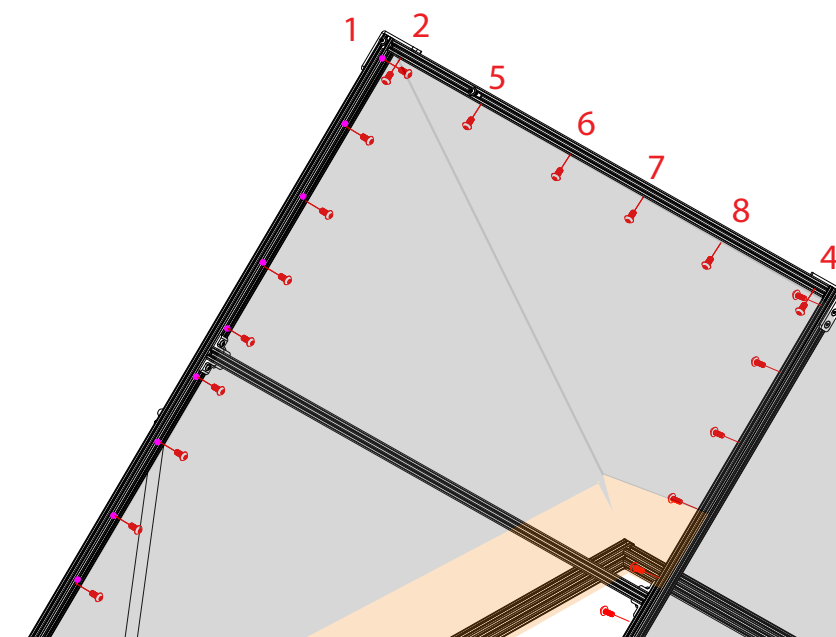
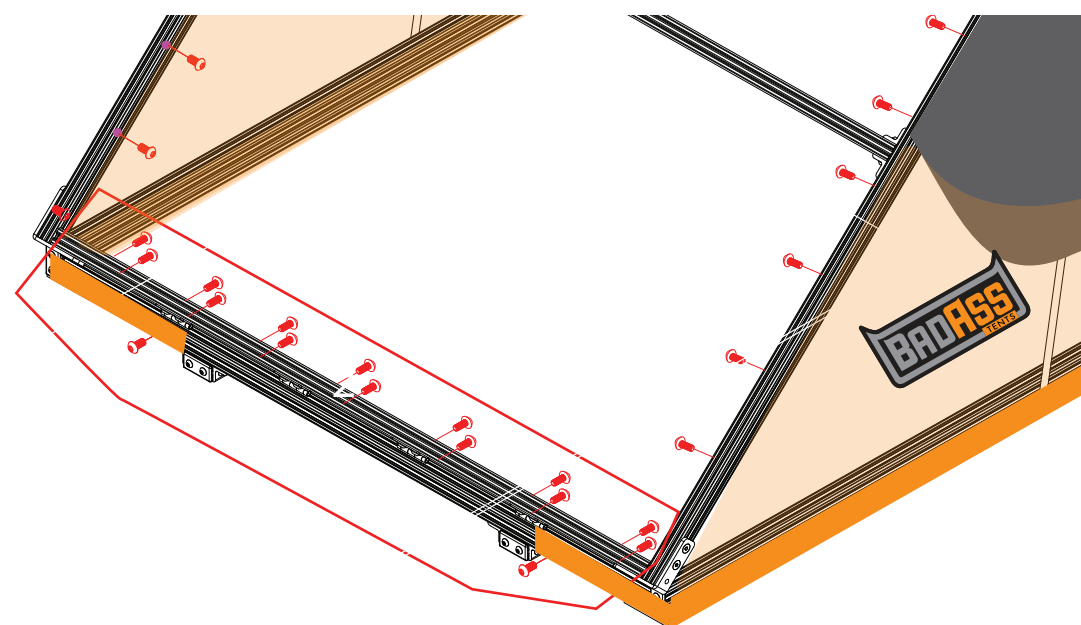
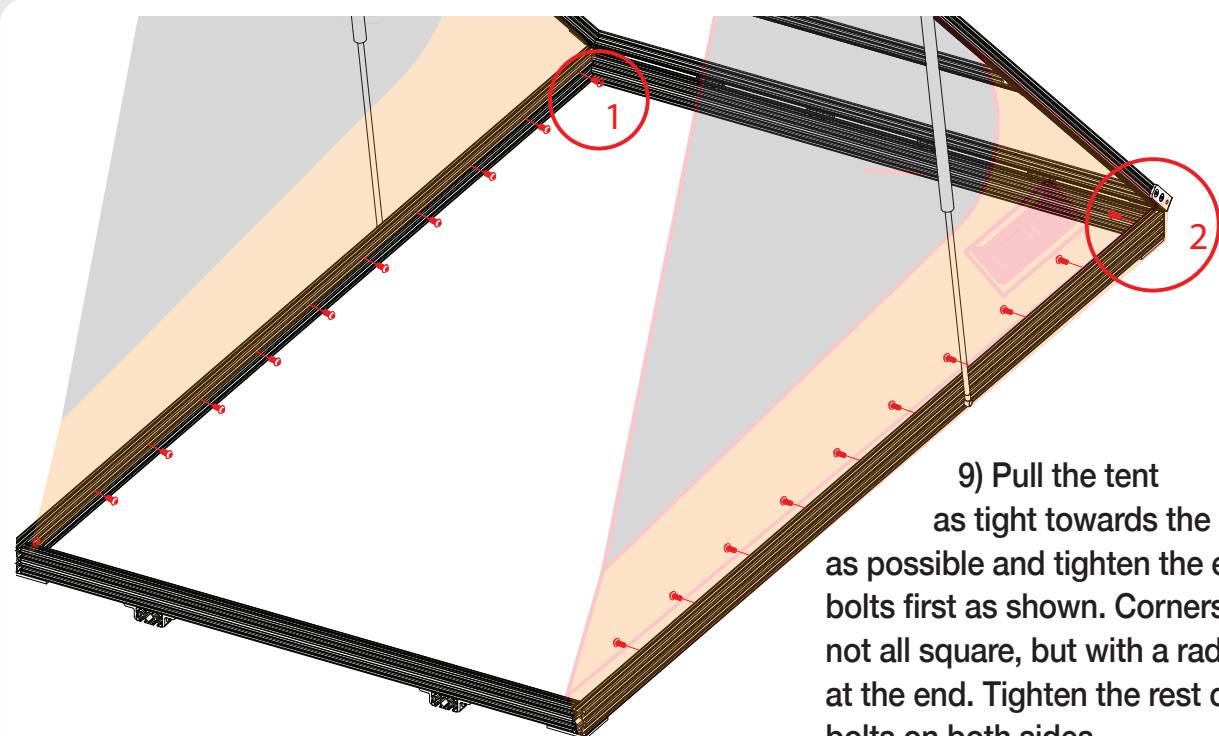
6) Loosely put in all button head screws through the bottom tent into the T-nuts as shown, starting with the open edge first.



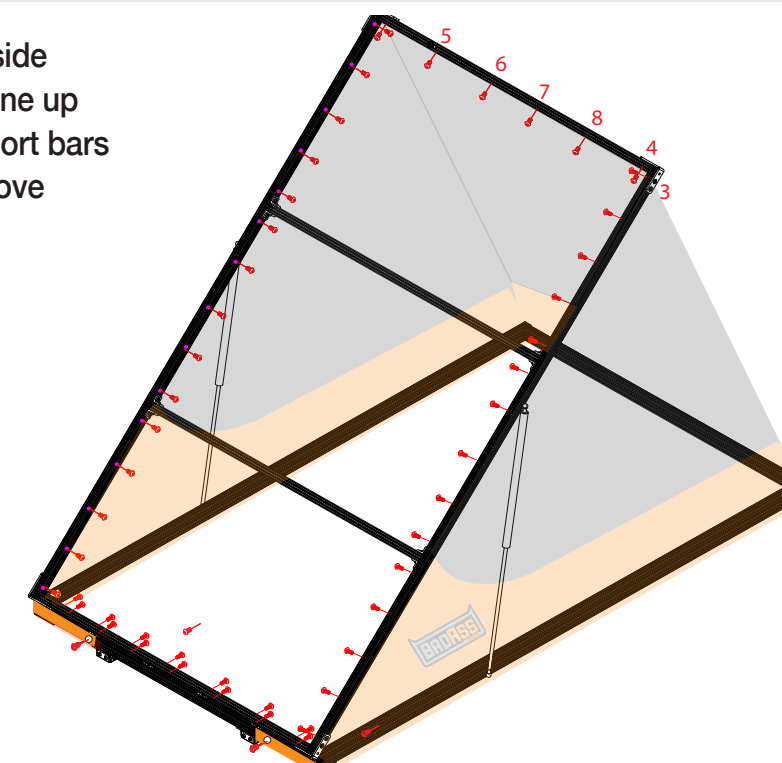
7) **Now START TIGHTENING** On the bottom front corners, pull the tent towards the front and tighten in the order above. You'll find the tent to be tight, this is intentional so the fabric is pulled tight.

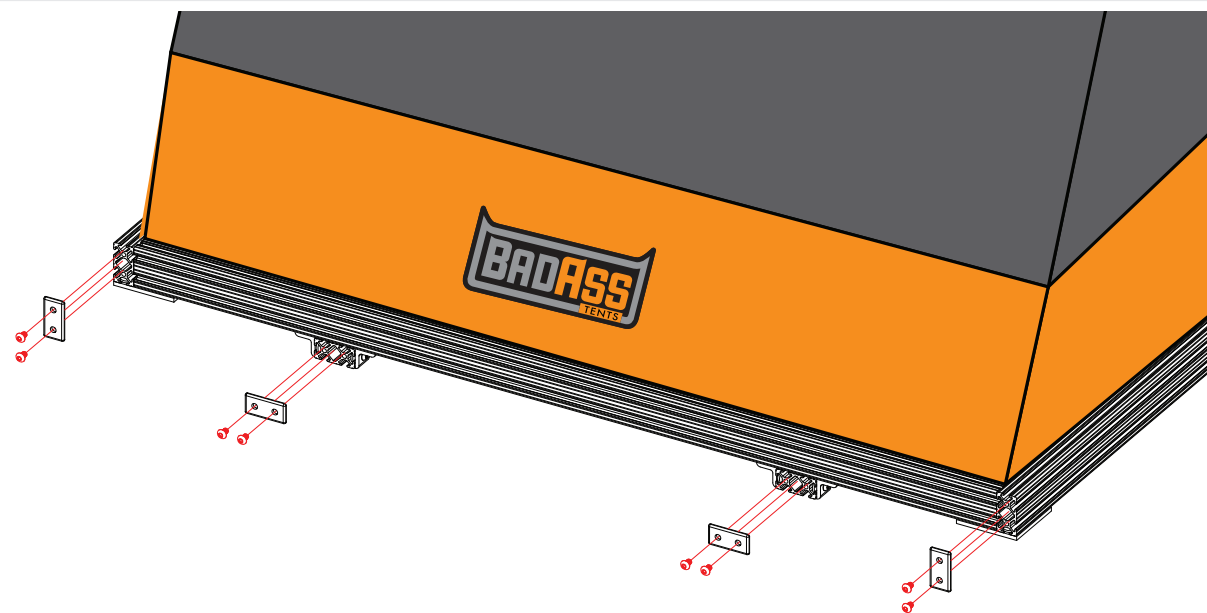


8) Now, tighten all of the front bolts according to how they line up on the tent.

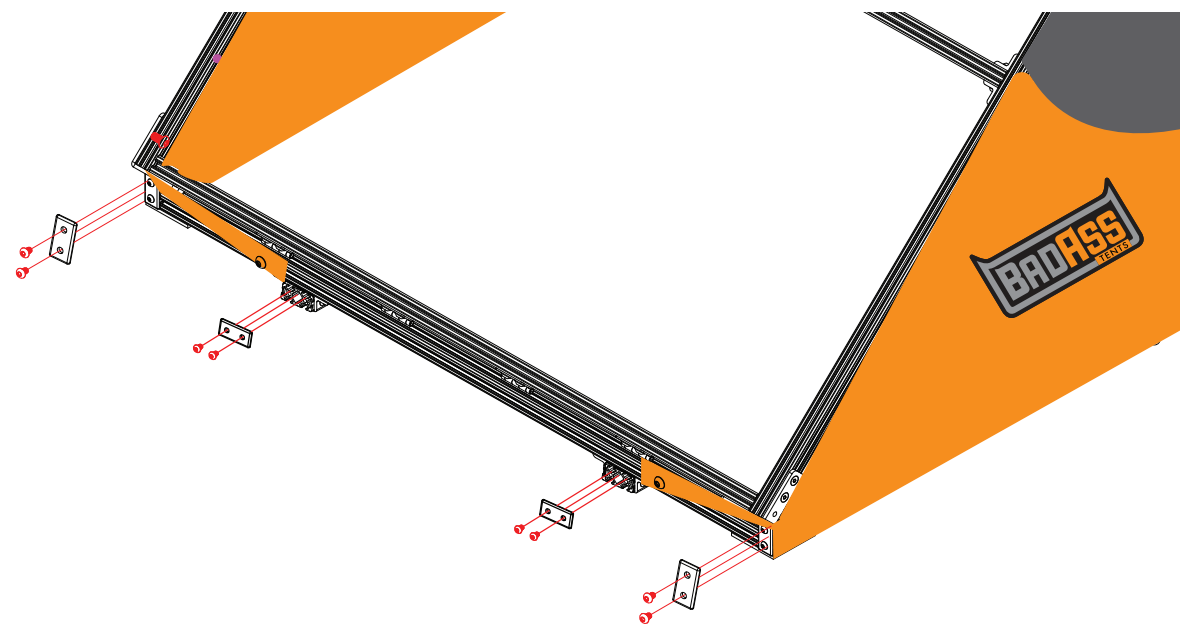


12) Start tightening all of the side bolts according to how they line up on the tent. If the center support bars need any adjustment, then move them now.

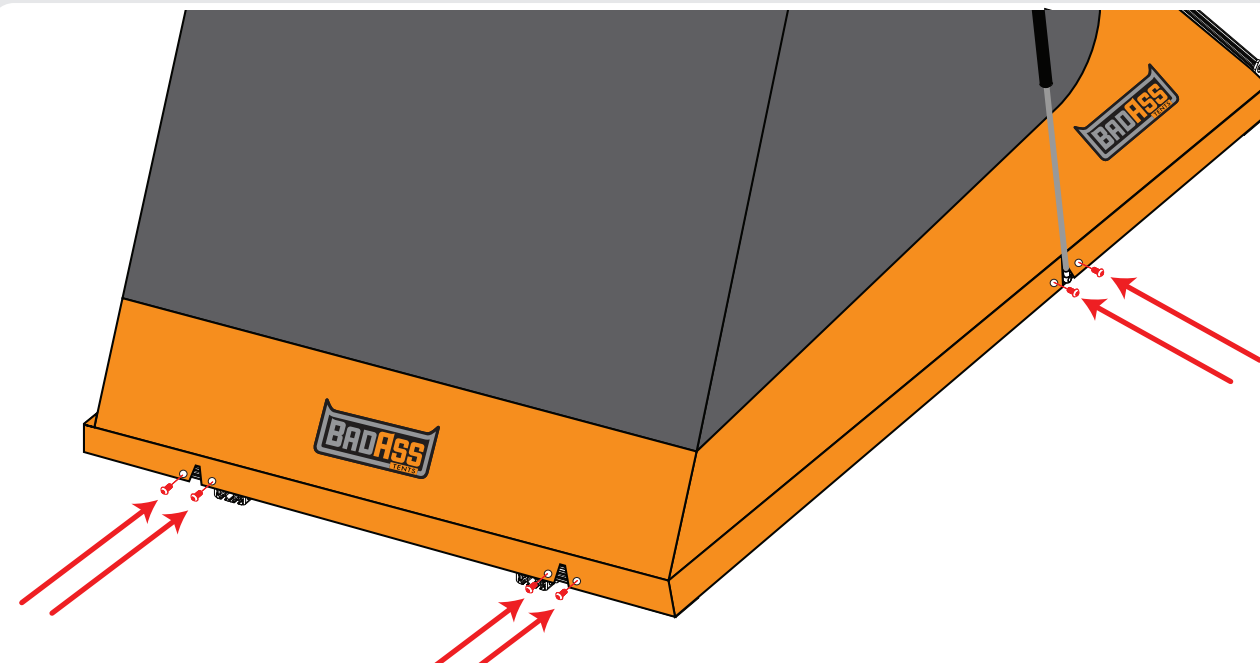




13) On the bottom long rails, add the end caps with the 3/4" Self drilling screws.

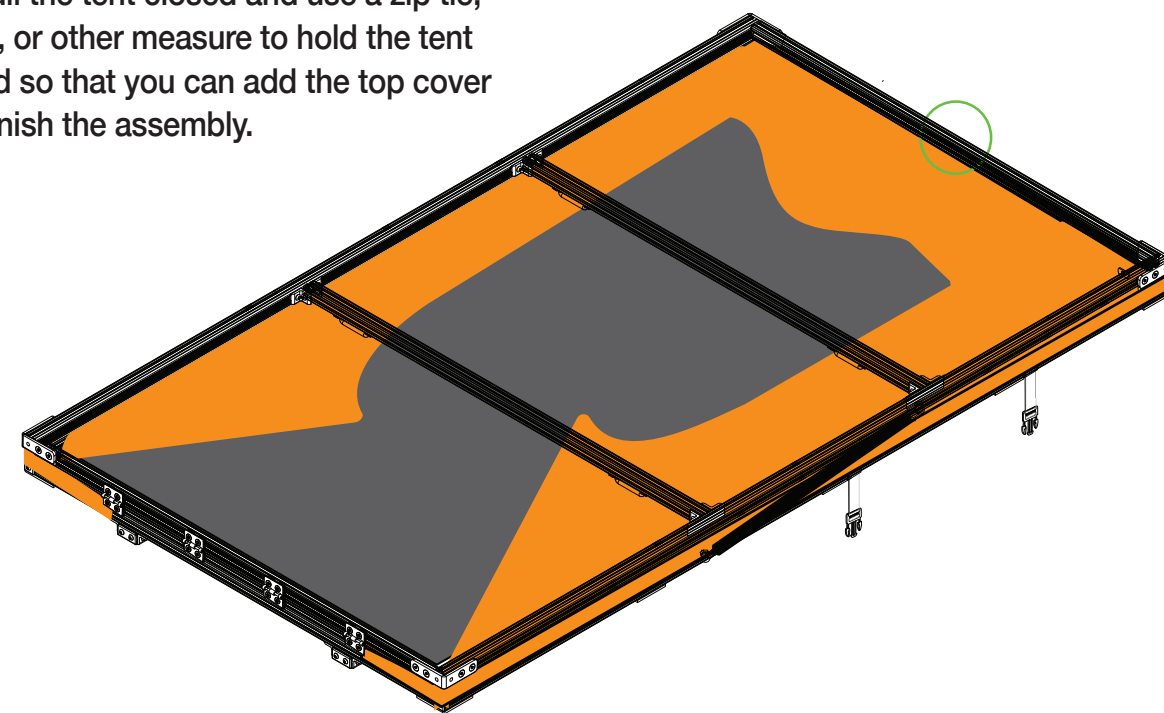


14) On the two bottom long rails, hinge side, add the end caps with the 3/4" Self drilling screws.

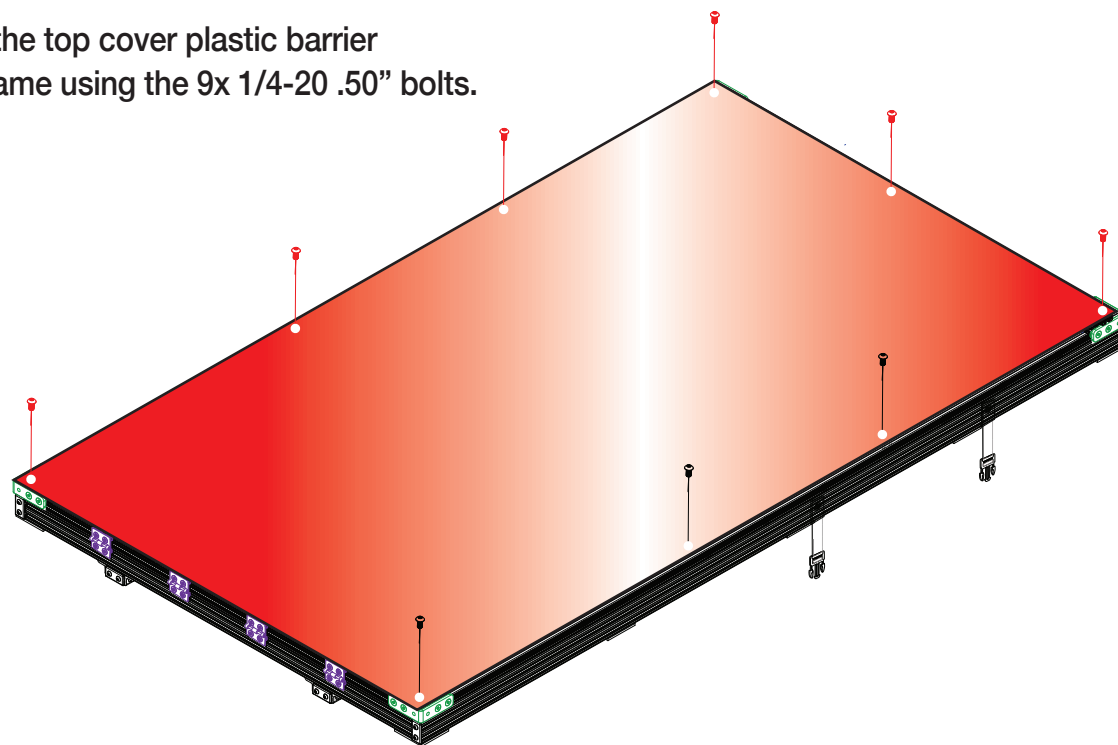


15) Lastly, tighten all of the outside flap bolts according to how they line up on the tent.

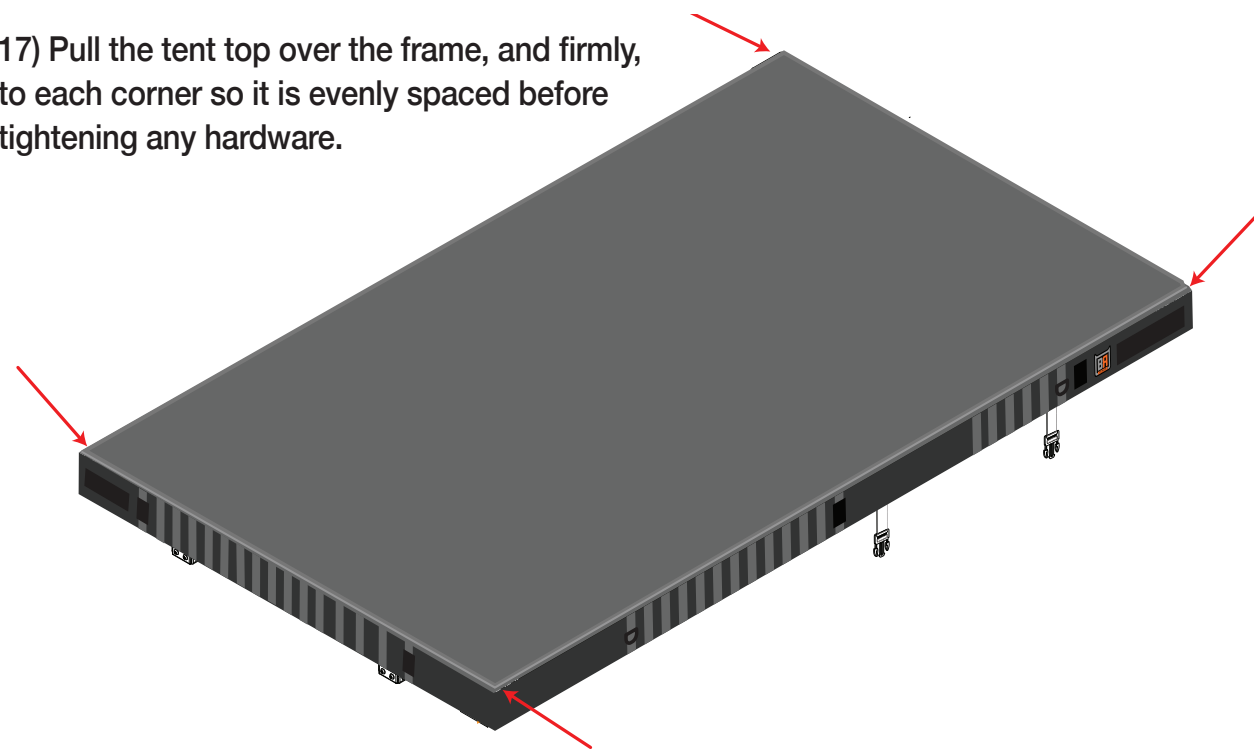
16) Pull the tent closed and use a zip tie, string, or other measure to hold the tent closed so that you can add the top cover and finish the assembly.



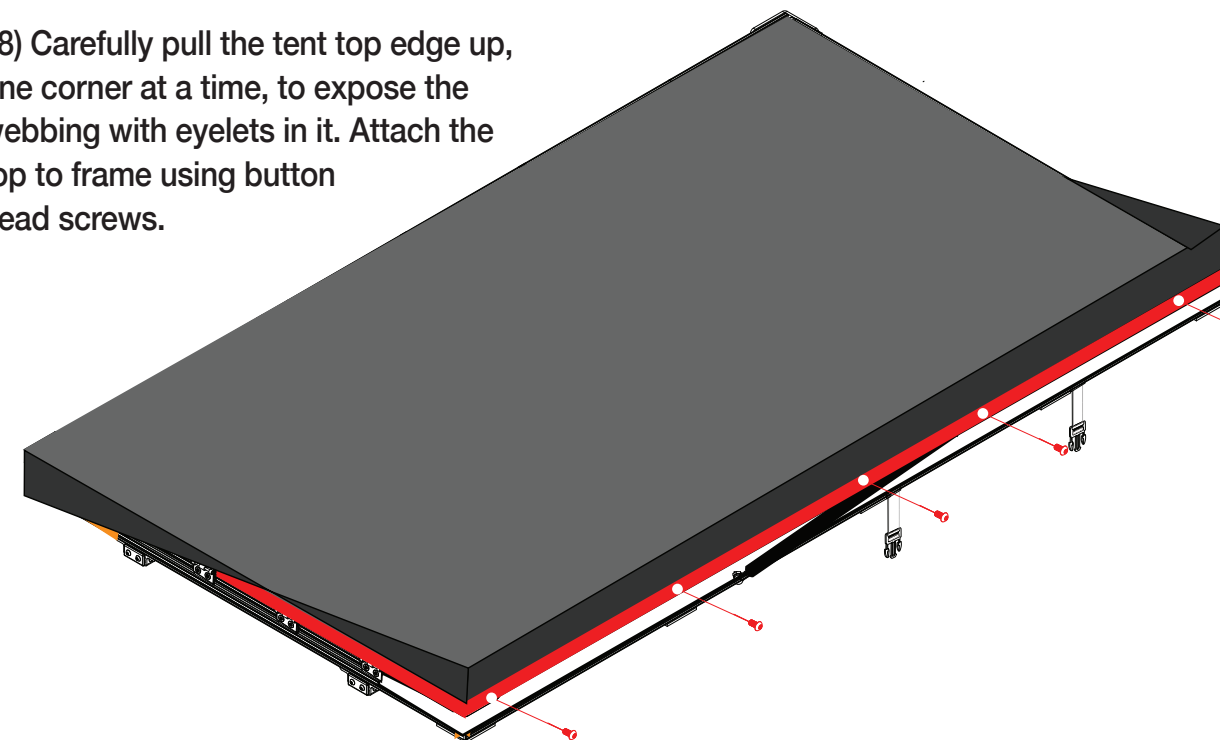
17) Add the top cover plastic barrier on the frame using the 9x 1/4-20 .50" bolts.



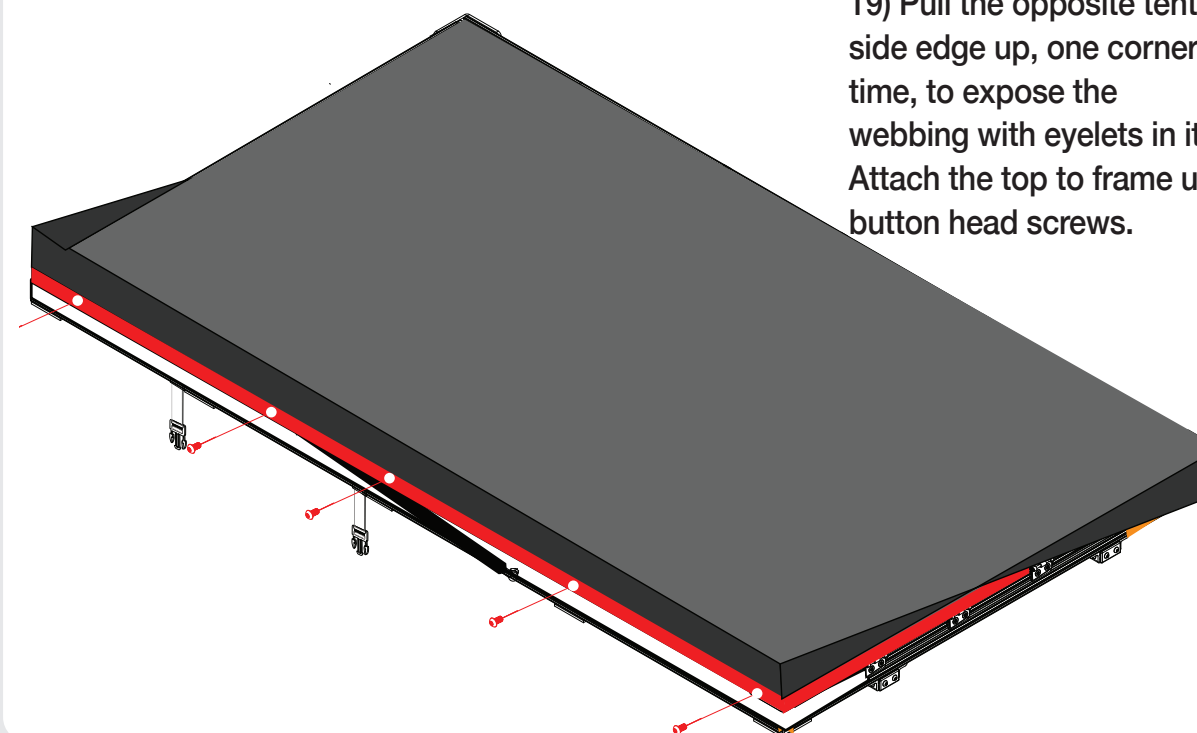
17) Pull the tent top over the frame, and firmly, to each corner so it is evenly spaced before tightening any hardware.

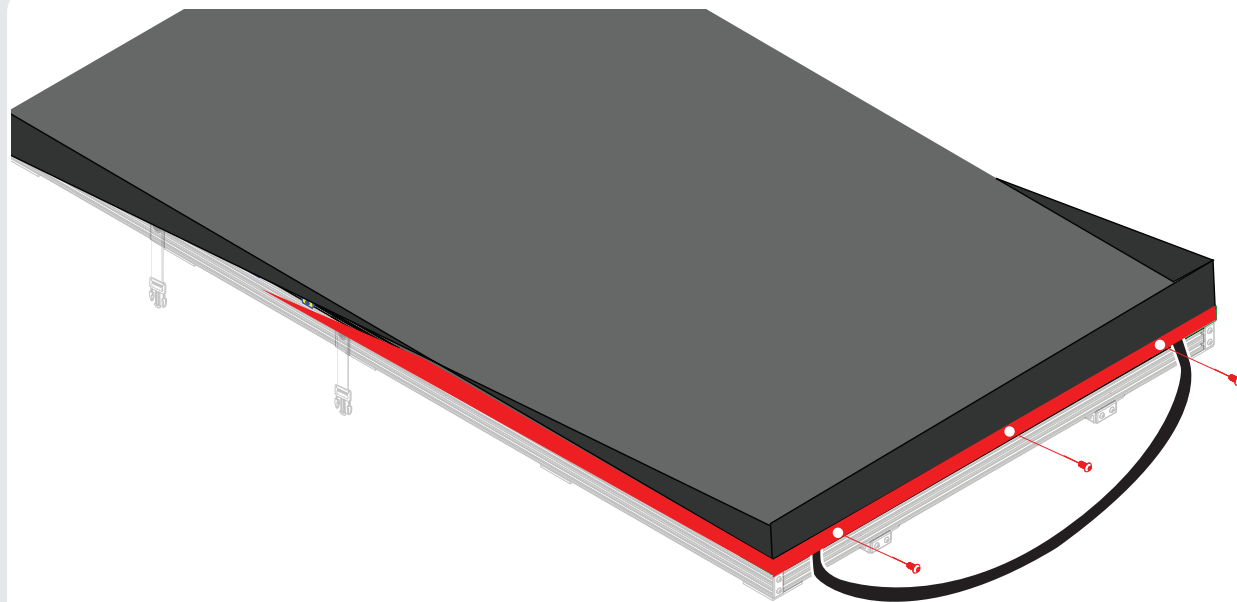


18) Carefully pull the tent top edge up, one corner at a time, to expose the webbing with eyelets in it. Attach the top to frame using button head screws.



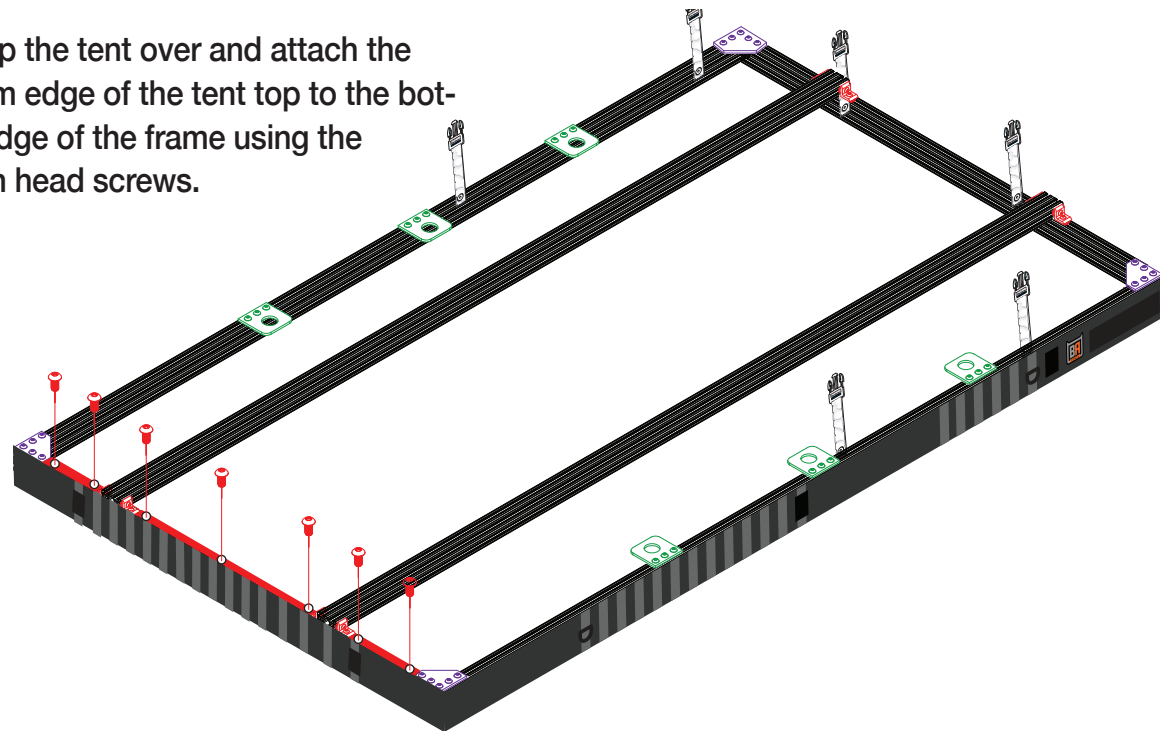
19) Pull the opposite tent top side edge up, one corner at a time, to expose the webbing with eyelets in it. Attach the top to frame using button head screws.



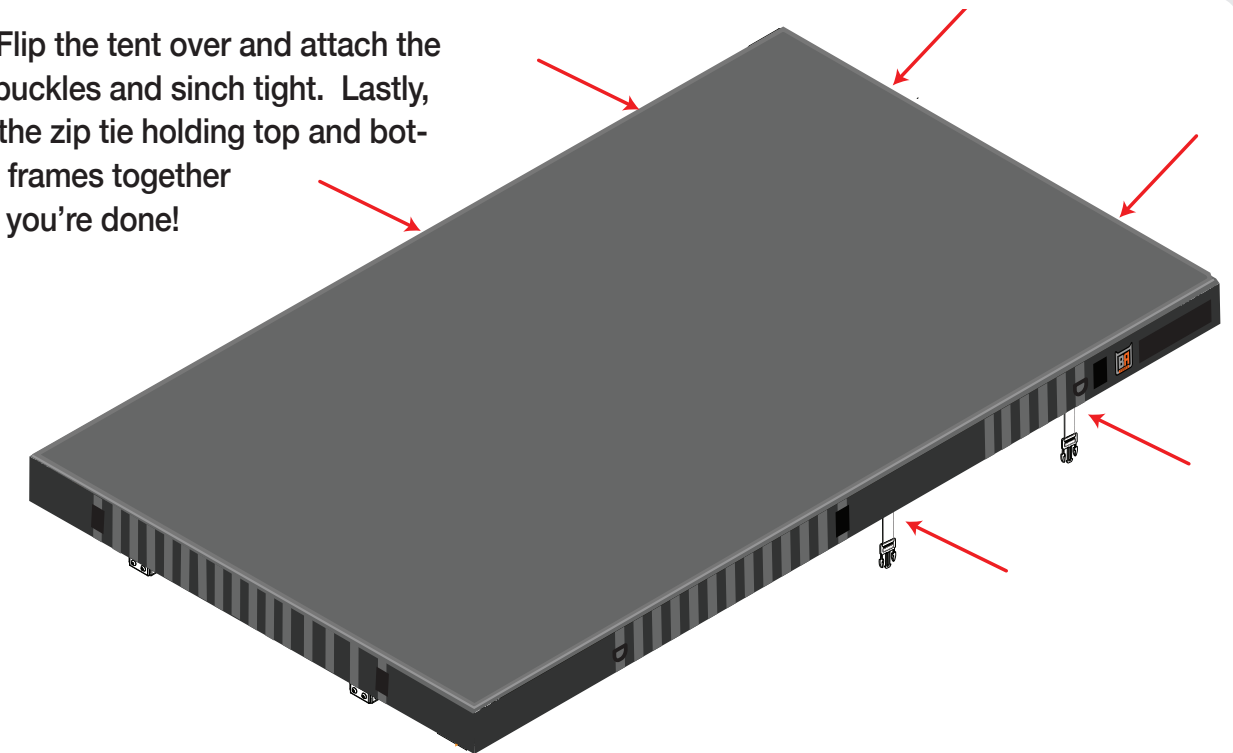


20) Pull the tent opening side, one corner at a time, up to expose the webbing with eyelets in it. Attach the top to frame using button head screws.

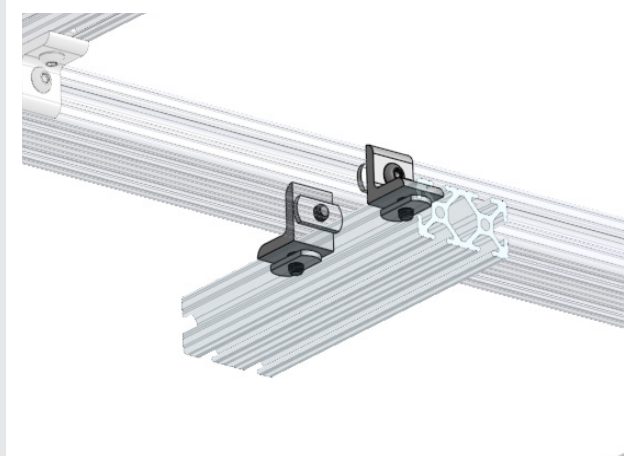
21) Flip the tent over and attach the bottom edge of the tent top to the bottom edge of the frame using the button head screws.



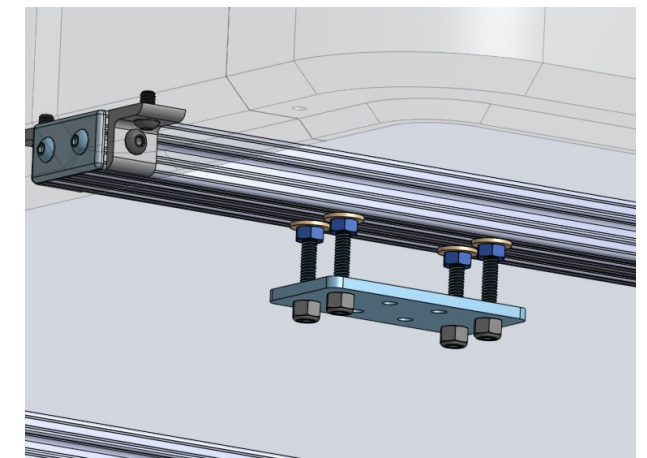
22) Flip the tent over and attach the six buckles and sinch tight. Lastly, cut the zip tie holding top and bottom frames together and you're done!



There are many ways to mount the tent to your vehicle, below are two options we offer on our website at www.badasstents.com/accessories



PN#9900-0006 includes 8x Angle Brackets and hardware to mount the lower beams to an extrusion style roof rack.



PN#9900-0005 includes 4x flat bracket plates and hardware to clamp the lower beams to a crossbar.

P.M.T.



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