

SMAI

BOXING RING COMPETITION ASSEMBLY

STEP-BY-STEP INSTRUCTIONAL ASSEMBLY DOCUMENT



Model No.
B001-V2-5
B001-V2-6

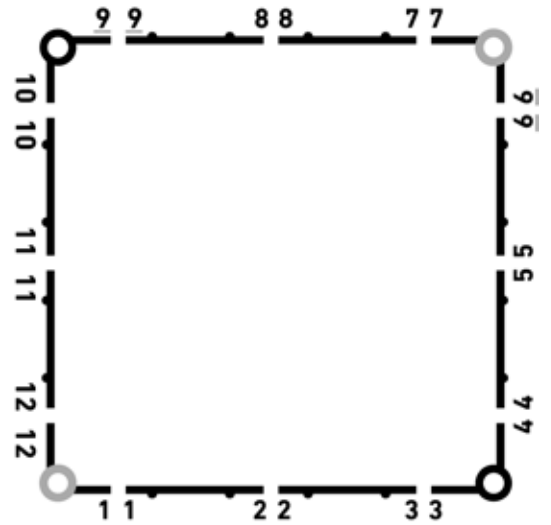
1. IDENTIFY AND LAYOUT FRAME PIECES

Unpack all frame components, and identify the frame components according to the matching number system. Frame components are engraved with numbering 1 - 12.

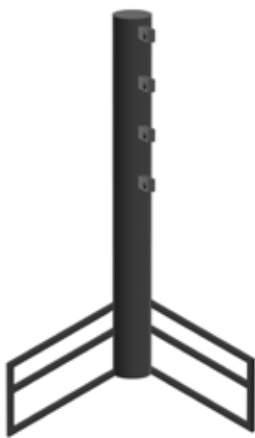
Correctly lay out and align the frame pieces by placing matching numbers together.

Note the position of the posts. There are 2 x corners posts with 4 notches, and 2 x corner posts with 6 notches.

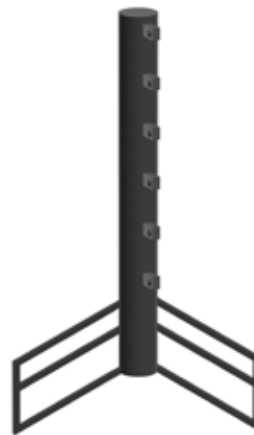
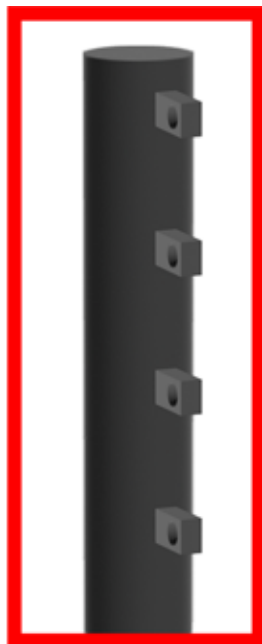
The matching posts should be placed opposite each other. This is important for correct seat positioning later.



- 4 NOTCH
- 6 NOTCH



4 NOTCH

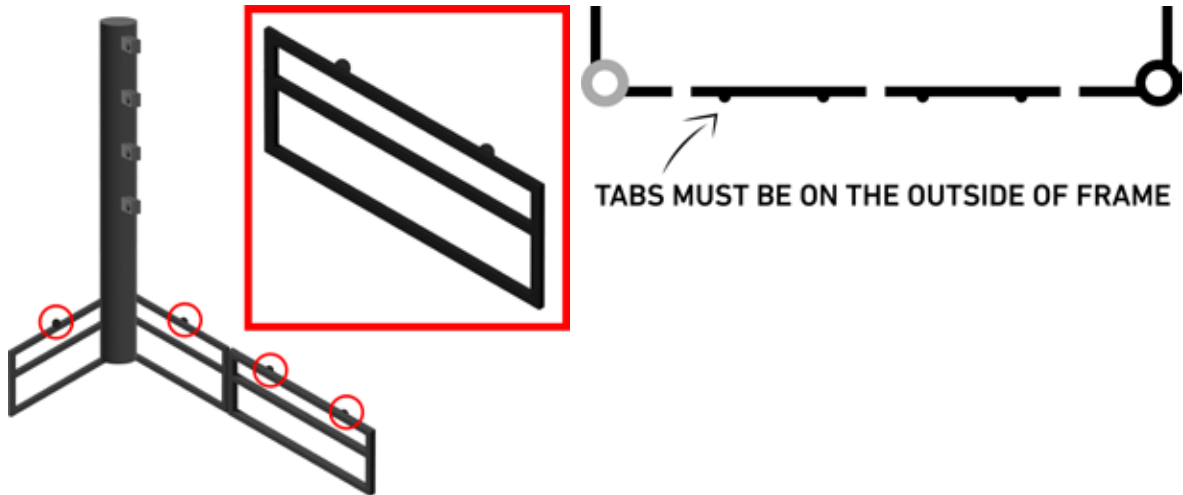


6 NOTCH



IMPORTANT! ESSENTIAL FOR INSTALLING THE FLOOR PANELS LATER!

When laying out the frame pieces, note the small half circle tabs on the top of the frame. These tabs must be positioned so they are facing outwards from the ring. If the tabs are facing inwards to the ring, you must flip and realign your frame edge panels, so the tabs are facing outwards from the ring. Failure to complete this step will prevent the floor from being installed later.

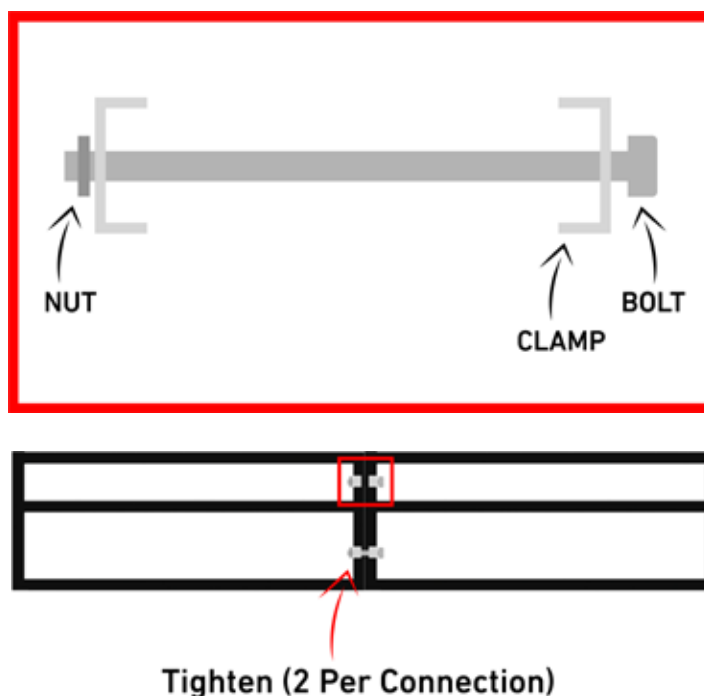


2. INSTALL FRAME CLAMPS

Put each frame piece in place, and loosely bolt together each frame piece using the silver metal clamp and bolt & nut. Each connection has two bolt clamps.

FINGER TIGHTEN ONLY!

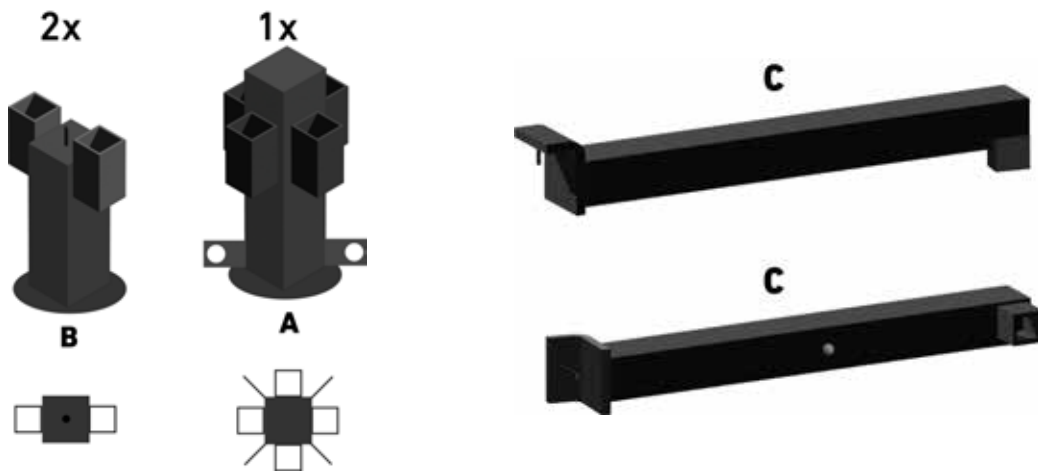
Do not firmly tighten the bolts and clamps with tools just yet, leave them loose. This is essential for ease of assembly in the following steps. Only tighten the nuts and bolts AFTER laying the floor panels.



3. INSTALL CENTRE FRAME BRACE

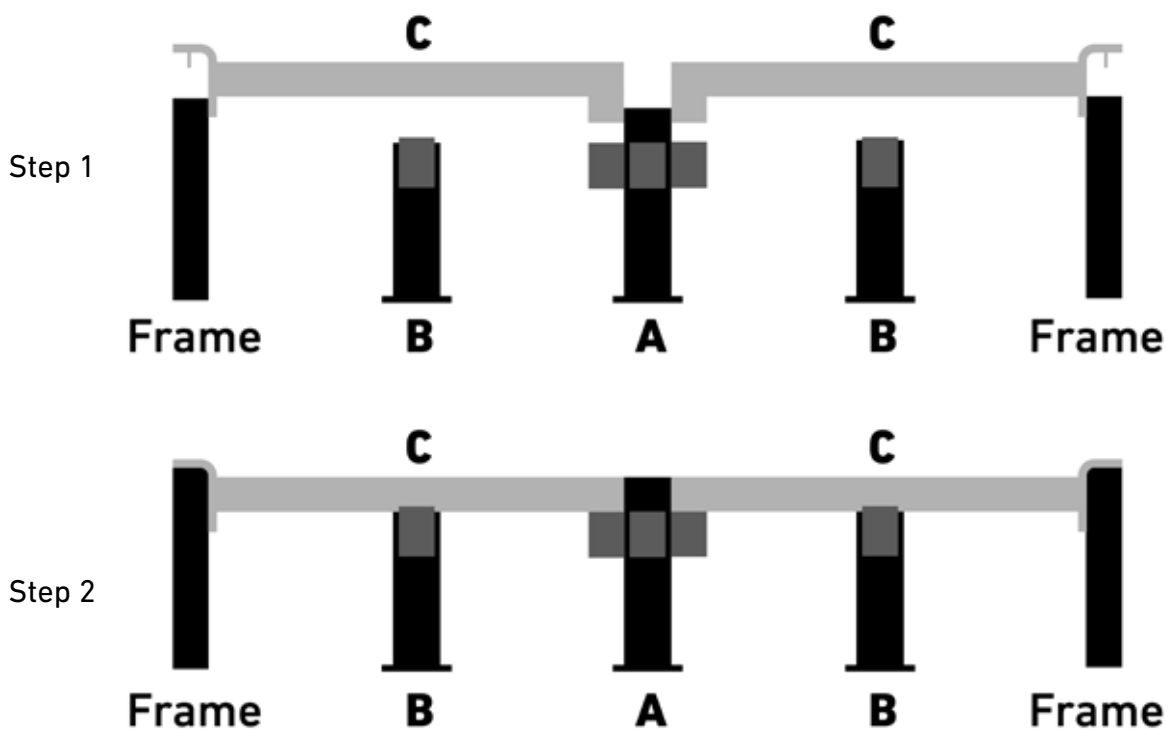
Identify the 3 support posts (parts A & B) and 2 cross beams (part C) to be used as the first cross beam structure

Note the centre post (part A) has a different base shape and different connection bracket to the left and right support posts (part B). The left and right support legs (part B) have a small pin which will align with a hole in the middle of the under side of the cross beam (part C).

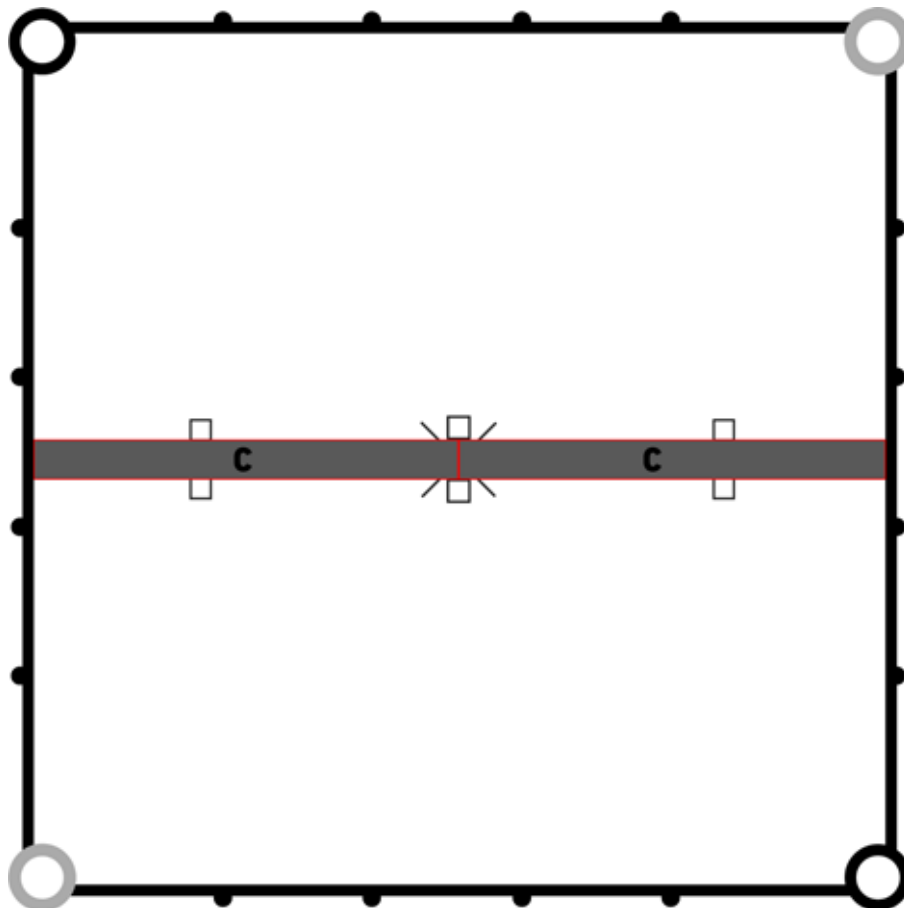
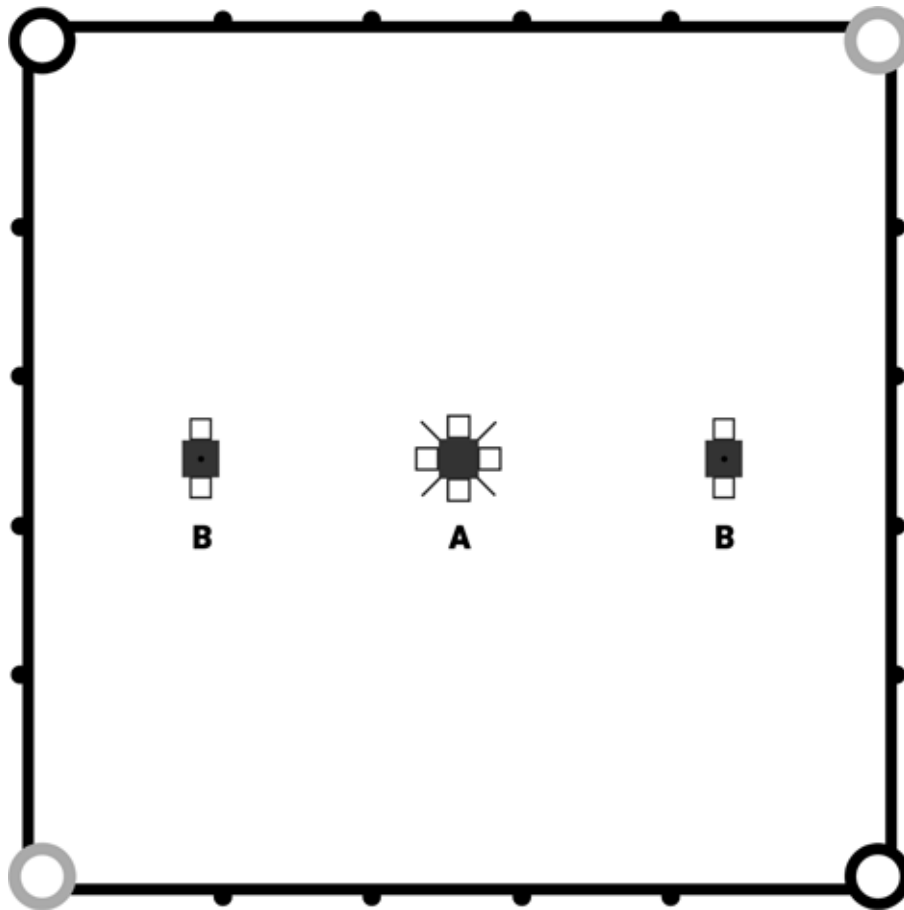


Position posts A & B in even spacing across the middle of the ring frame, as per diagrams.

Once Legs are in position, place cross beams into position - noting how the pins and posts attached to the beams. Align the beams to the posts, and drop into position



Support legs A + B in position



Cross Beams (C) Installed in position

4. INSTALL TURNBUCKLES

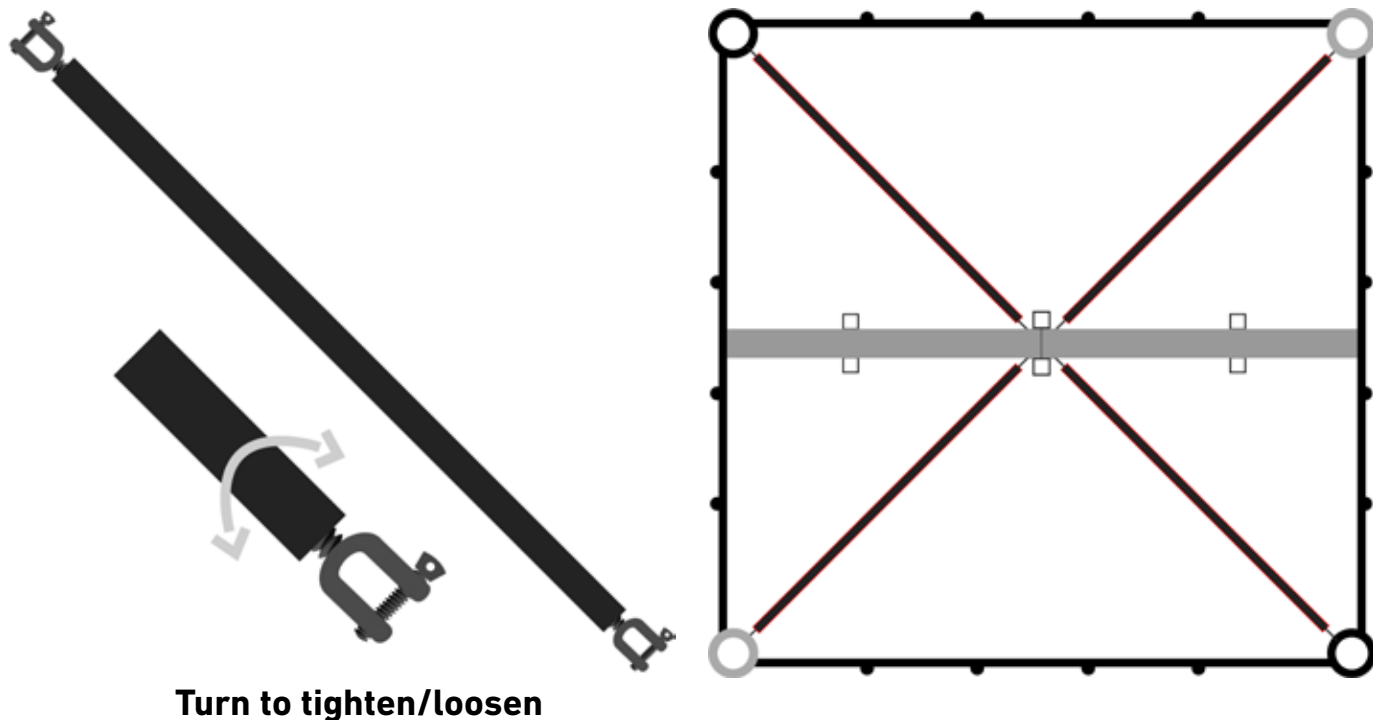
Install the frame turn buckles. There are 4 turnbuckles for the frame.

Attach the turnbuckles to the bottom of each frame corner, to the centre post. Unscrew the U buckle, then reattach the buckle using the screw to the fitting on the corners and centre post.

IMPORTANT! Do not tension the turnbuckles until each is installed! Tensioning the turnbuckles early will cause the frame to buckle.

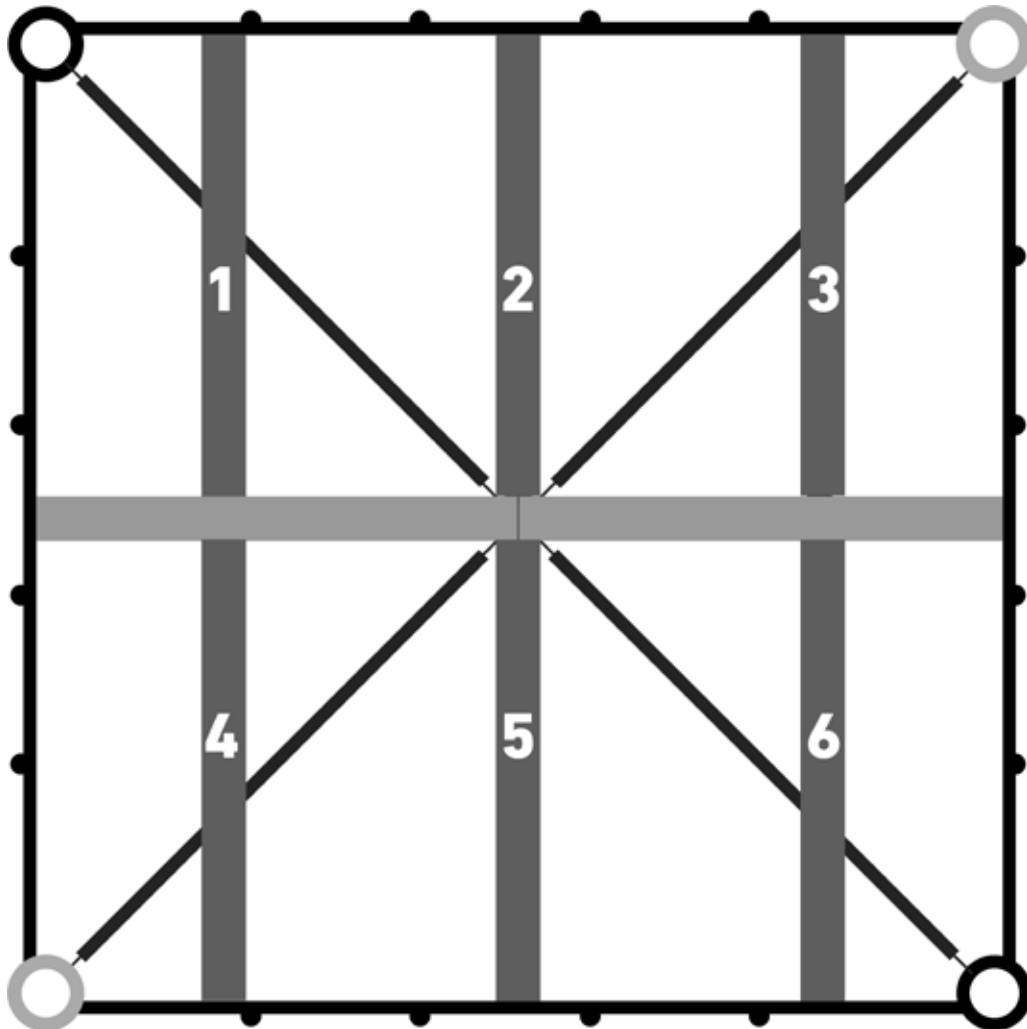
Once all 4 turnbuckles have been installed, begin tensioning the turnbuckles by rotating the turnbuckle pole. Turn each turnbuckle evenly and in increments. Complete a few turns on each turnbuckle, then move to the next, and continue incrementally tightening each turn buckle until they are hand tight. Do not over tighten, do not use tools to tighten. Use a tape measure to check the length of each turnbuckle is even. If uneven, loosen to the same length, and begin tightening again, evenly.

WARNING! Uneven turnbuckle tension will cause one corner of the frame to lift off the ground. If your ring is lifting on a corner, un-tension the turnbuckles and reset, and tension evenly.



5. INSTALL REMAINING CROSS BEAMS

Lay out the remaining 6 cross beams, this time running perpendicular to the beams you installed earlier. Each beam will rest on a leg in the centre, and align with a pin hole on the outer edge of the frame. If beams are difficult to install, ensure you have aligned the pins and brackets correctly, and have not over tightened the frame clamps, bolts or turn buckles. Loosen all bolts and turnbuckles to allow the beams to be easily installed.



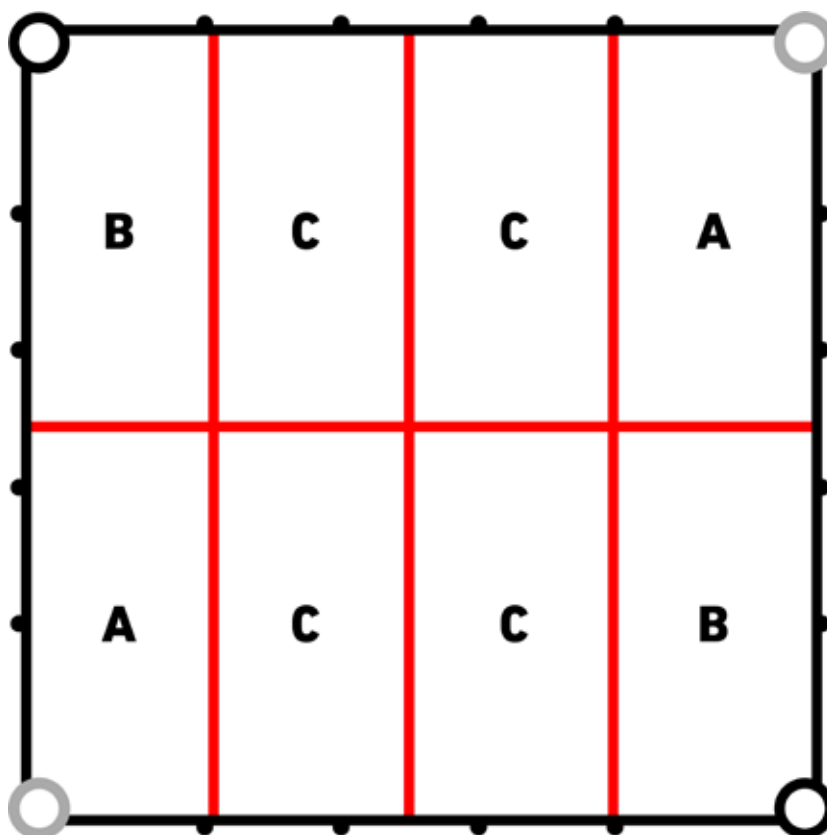
6. INSTALL FLOORING PANELS

Identify the floor panels using the attached diagram. Corner floor panels (A & B) will feature a cut out to allow space for the corner post, while the centre floor panels (C) will not feature the cutout. Note the position of the A, B & C pieces. Please note, panels are not marked with letters - diagram is for information purposes only.

Install the Flooring panel by laying them out on the frame, as per the diagram.

IMPORTANT!

If flooring panels are uneven or difficult to install, the frame has too much tension applied. Untension the turnbuckles and loosen the frame bolts. Position and seat the floor panels re-tension turn buckles and tighten frame



7. TIGHTEN FRAME CLAMP BOLTS

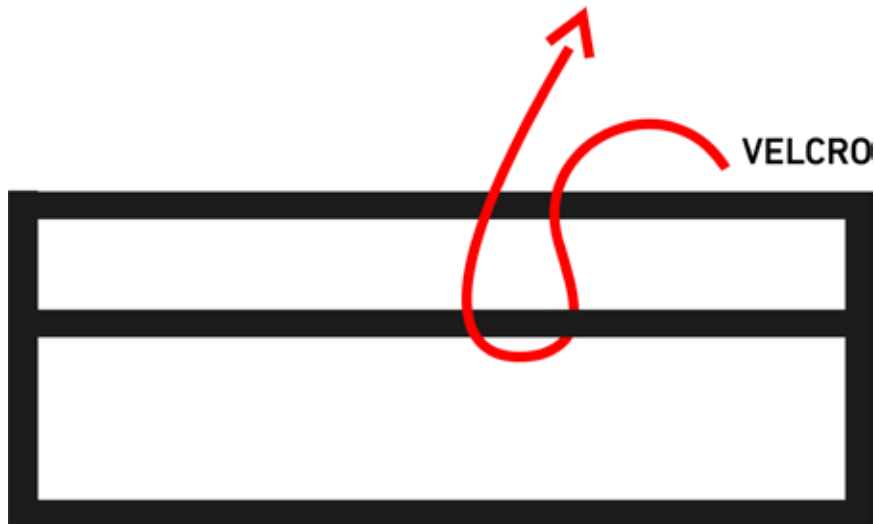
Once flooring panels are installed, move around the frame tightening the frame clamp bolts with wrench. Move to the opposite side each time you tighten a new bolt, to avoid unevenly tensioning the frame.

8. LAY OUT CANVAS OVER FRAME

Locate the canvas floor cover, unfold and lay out over the flooring panels and frame. Logo side should be facing up. Stretch out canvas by fixing Velcro tabs through the frame middle bar. Move around the canvas, stretching and fixing as you go.

TIP

Have one person pull and stretch the canvas, while the second person fixes the Velcro tabs to the frame.



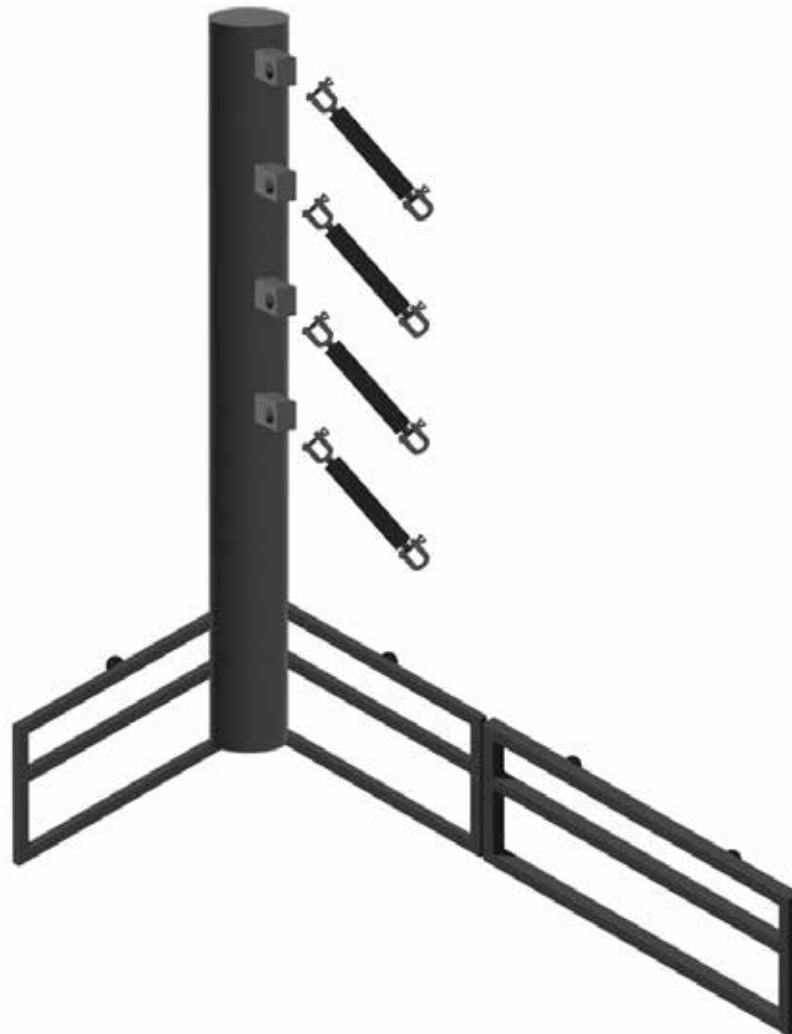
Note: There is a long strip of Velcro that runs the perimeter of the canvas. This Velcro should face outwards, against the frame, not upwards towards the ceiling. If your Velcro strip is not facing outwards on all sides, realign your canvas evenly, then re-stretch and attach Velcro tabs.

9. ATTACH SHORT TURN BUCKLE TO POSTS

Locate 12 short turnbuckles, and fix to corner posts. Attach 4 turnbuckles to each post, starting from the top position, and working downwards. Fully open / extend the turnbuckles after they are installed. Note in diagram, which end is attached to the post.

TIP

On posts with 6 notches, use the top 4 notches only. Do not use the bottom 2 notches for turnbuckles, they are reserved for the corner seats.



10. CONNECT ROPES THROUGH TURNBUCKLE

Unscrew the D Shackle on each turnbuckle and feed the ropes through the shackle, and reattach screw to fix rope to the turnbuckle. Move around the ring corners, connect the ropes.

NOTE: Ropes should be loose and un-tensioned during fitting!

Once the ropes are fed through all turnbuckles, begin tensioning the ropes by turning each turnbuckle evenly. This will create tension on the rope, tension the turnbuckles until the ropes are in a straight flat position. Gradually tension the rope turnbuckles, checking the tension on the frame support turnbuckles and adjusting as necessary. Use a tape measure to ensure that the distance between turnbuckle eyes is identical. This will help keep equal force on all four corners.

IMPORTANT! Rope turnbuckles must be tensioned evenly. Uneven tension may cause a corner of the ring to lift off the ground. If this happens, release turnbuckle tension, reset all turnbuckles to fully extended, and evenly re-tension each turnbuckle.

TROUBLESHOOTING! If at any point you see signs of the corner post lifting from the ground as you tension the ropes, go back adjust the turnbuckles under the main frame to counter act the force of the rope tension.

Remember! **Even tension on frame turnbuckles frame, even tension on the ropes!** Tension gradually from all corners, ensure each turnbuckle has the same distance from the eyes / U Buckles. Use a tape measure to check to ensure even tension.

11. INSTALL SAFETY PADDING

Install corner pads by laying over rope corners, with the top of the pad covering the upper turn buckle. Secure using Velcro ties to each rope and top turnbuckle.

Install turn buckle covers by wrapping around the turnbuckle and securing the Velcro. Install the rope corner flap by folding over and securing Velcro.

Install Skirts by unfolding and attaching to Velcro strip on the canvas. Skirts should hang and cover the frame.

Install corner seats to corner post by inserting seat arm pins into the lower fittings on the corner post. Seats should easily drop into position, and swing out of place when ring is in use. Install steps by fixing the steps against the frame.

