

AEROBALL™ Senior 4

Product Manual



WARNING!

Please read this manual fully before you start assembly or use of the Aeroball. Follow all instructions while assembling or using the equipment and routine maintenance of the equipment.

TABLE OF CONTENTS

Safety	
Assembly	3
Operator/employee	4
User/player	5
Maintenance instructions	6
Required Equipment	7
Parts list	7
Assembly instruction	
Base & Lower horizontal structure	12
Trampoline surfaces	14
Vertical structure	15
Upper horizontal structure	18
Housings & Roof	21
Disassembly instruction	25

SAFETY RULES FOR ASSEMBLY

- Never attempt to assemble the Aeroball if you are under the influence of drugs, alcohol or other substance.
- Fully read and understand the entire instruction manual prior to assembling the Aeroball. There are multiple steps that must be followed in order to have a safe and successful assembly.
- Have the correct tools on hand, as prescribed by the manual.
- Do not modify any parts of the Aeroball in ways not prescribed in the manual. This includes using tools other than those mentioned in this manual. (Doing so may void the warranty).
- Assembly of the Aeroball should be performed by adults only. Do not allow children to be anywhere near the area of assembly.
- The assembly of this product requires ladders. Ensure the ladder tall enough, solid and not obstructed or destabilized by people or objects.
- Use caution when working in heights. Do not attempt to assemble the Aeroball by climbing on the structure. This is dangerous. Falls may cause serious injury or death.
- Clear your assembly space of any objects or obstacles. To avoid risk of injury, do not allow people to walk through your space while you are assembling.
- Failure to observe any of the safety rules listed above may result in serious injury or death.

SAFETY RULES FOR OPERATORS / EMPLOYEES

- Adult supervision is required at all times.
- Have users sign hold-harmless waivers prior to using the Aeroball. If users are under legal age, have a parent or guardian sign for them.
- Do not allow anyone under the influence of drugs, alcohol or other inhibiting substance to use the Aeroball. Do not allow smoking in or around the unit.
- Incapacitated people should not be allowed inside the Aeroball.
- Do not allow other people to sit or stand on the edges of the trampoline while someone is jumping inside the Aeroball.
- Allow no more than 1 person at a time on each trampoline. Make sure that the outgoing user has fully exited the Aeroball before the ingoing user enters.
- Do not allow users to wear shoes inside the Aeroball.
- Do not allow rough play or stunts, including but not limited to: flipping, summersaulting or jumping across the court divider.
- Do not allow users to hang off of or sit on the court separator.
- Use only a soft ball inside the court. Do not allow users to introduce their own game balls, especially if they are hard or could cause injury.
- Do not allow anyone to climb on top of the unit. Remove ladders or other objects from the area that may enable users to do so.
- Users must not be allowed to hang off the baskets at either end of the housing. This may cause damage to the product.
- Do not allow anyone to crawl underneath the Aeroball at any time.
- Perform daily inspection of equipment. If any defects or tears in the equipment are noticed, discontinue use immediately.
- For any further questions or issues regarding Aeroball, or to get replacement parts, contact the manufacturer.

SAFETY RULES FOR USERS / PLAYERS

- Adult supervision is required at all times.
- Use common sense and good judgment when using this product.
- Do not use the Aeroball if you are under the influence of drugs, alcohol or other inhibiting substance.
- Do not use if you have any serious pre-existing injuries or medical conditions, including but not limited to: back or joint problems, heart condition, pregnancy, etc.
- Do not sit or stand on the edges of the trampoline while someone is jumping inside.
- Only 1 person may jump inside each trampoline surface at one time. Do not enter the Aeroball until the outgoing players has exited. More than 1 person jumping on a single trampoline may cause injury.
- Do not wear shoes inside the Aeroball.
- Do not play rough or perform stunts, including but not limited to: flipping, summersaulting, hanging on the baskets or jumping across the court divider. This may cause injury or damage the equipment.
- Ensure that you are in proper physical condition to use the Aeroball. Use good judgment and common sense in deciding if jumping is safe.
- Do not hang on or sit on the court divider net.
- Beginners should play for no more than 5 minutes a time. Experienced and conditioned players may play longer.
- Players should land on their feet when jumping. Do not land with locked knees or arched backs. This can cause injury.
- Use only a soft ball inside the court. Do not use any hard objects or balls that may injure other players.
- Never climb on top of the Aeroball at any time.
- Never crawl underneath the Aeroball at any time.

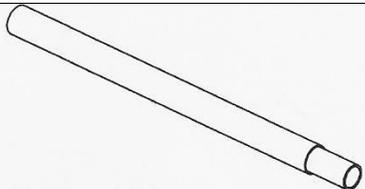
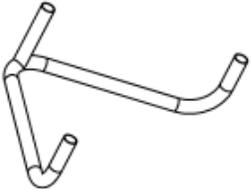
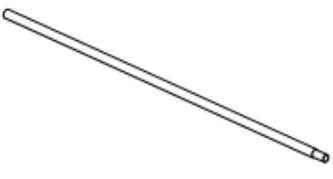
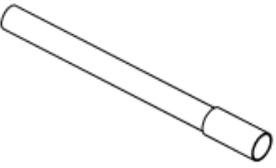
MAINTENANCE INSTRUCTIONS

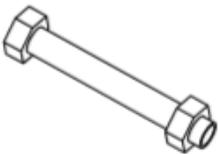
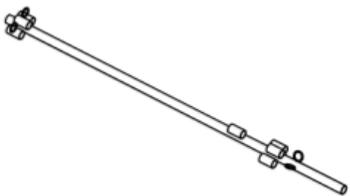
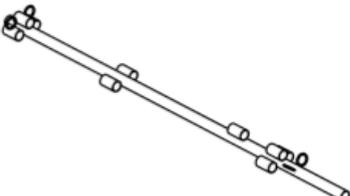
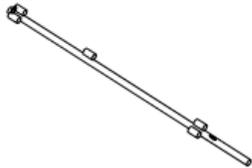
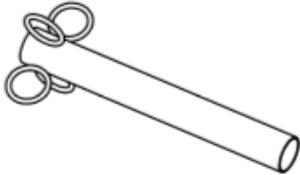
- Check the trampoline mats for lacerations holes or other damage. Repair holes that are no larger than 1 inch x 1 inch. Replace the entire trampoline mat if the hole is any larger.
- Check that no springs are missing. Also ensure that the springs that are intact are not kinked, soft or worn out. Keep extra springs on hand and replace as needed.
- Check the mesh on the housing and court separator for tears. Small repairs can be made at canvas or upholstery shops.
- Check structure for cracked paint. Periodically paint welded joints with rust-proof paint.
- Check structure for any bends in the poles, abrasions or damage to the sleeves or loops on the poles. **IMPORTANT!** Any structural issues must be dealt with immediately to avoid further damage or injury to users.
- Keep rock, dirt, or any other debris off the jumping surface. Wash periodically with detergent and pool brush. Spray or rinse with a garden hose.
- If used outdoors, make sure the Aeroball is properly anchored at every corner. (Note: anchors are not included in the Aeroball kit. Trees, large shrubs, or buildings may be used as anchor points.
- Discontinue use if an unsafe situation arises.
- Contact manufacturer for information or replacement parts.

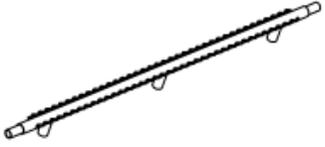
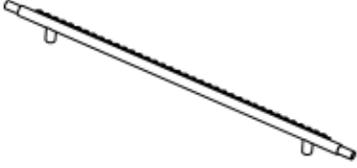
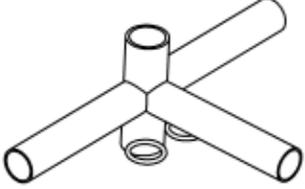
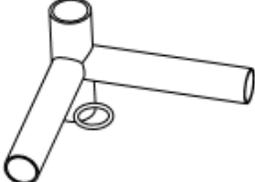
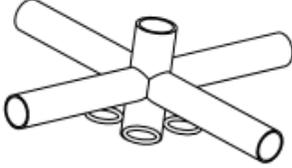
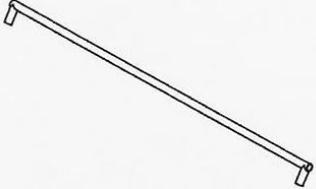
REQUIRED EQUIPMENT (NOT INCLUDED IN AEROBALL KIT)

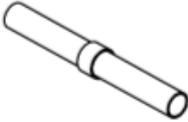
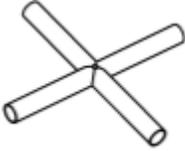
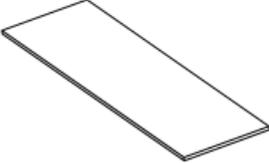
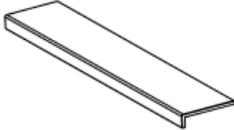
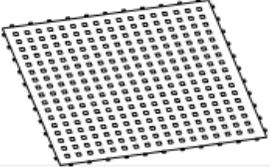
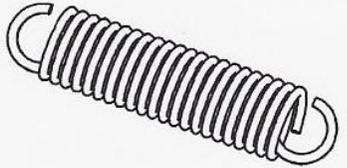
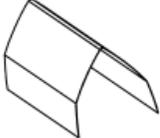
- Ladder (10 feet minimum)
- Rubber mallet
 - IMPORTANT! Do not use a metal hammer to strike the metal frame. This can dent the frame and damage the structure.

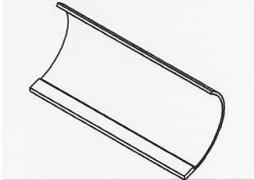
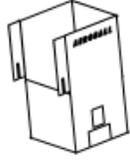
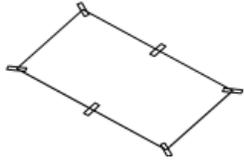
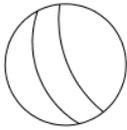
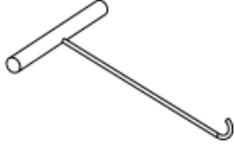
PARTS LIST

Part #	Image	Part Name	Qty
		VERTICAL STRUCTURE	
00		Base plates	13
01		Center vertical supports	4
03		Center base leg support	4
04		Base legs	6
10		Bottom vertical riser	8
13		Center base support legs	12

15		Lower center housing support – (with hole)	1
16		5/16" x 2 1/4" bolt and locknut	1
21		Top vertical riser – center	2
21X		Top vertical rise – center ends (with side sockets)	2
22L		Top vertical riser – left corner	2
22R		Top vertical riser – right corner	2
25		Middle center housing support	1
26		Upper center housing support	1
		HORIZONTAL STRUCTURE	

31		Lower horizontal bed support- center	4
32		Lower horizontal bed support- sides	8
33		Junction support – center edges	4
34		Junction support – corners	4
35		Junction support – middle	1
40		Horizontal supports	16
41		Upper horizontal support – inside center	4
42		Horizontal supports – ends	8

45		Anti-rotational support tube	1
46		Upper middle horizontal T-connector	1
TRAMPOLINE			
50		Trampoline springs- small	256
51		Blue padded spring cover – center	4
52		Blue padded spring cover – sides	8
53		Trampoline mat	4
COURT & HOUSING			
60		Trampoline springs- large	48
61		Padded court separator- center	4

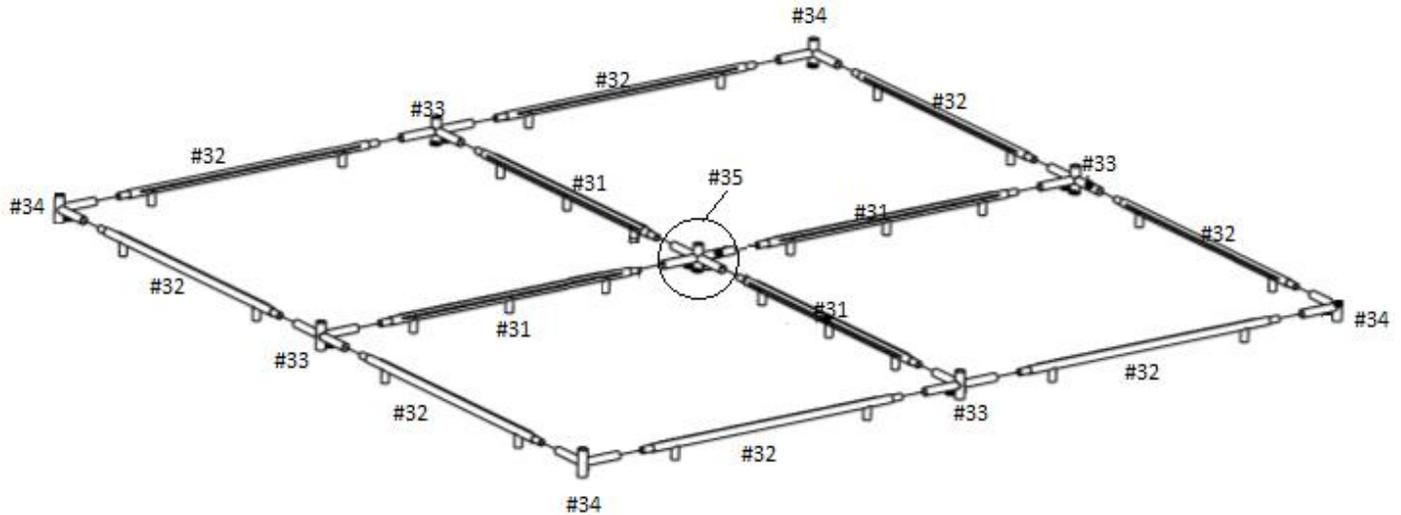
62		Yellow housing spring wraps	48
63L		Left housing (with Velcro strap)	2
63R		Right housing	2
64		Court roof	1
		OTHER	
98		Game ball	1
99		Spring tool	1

Notes for easy reference

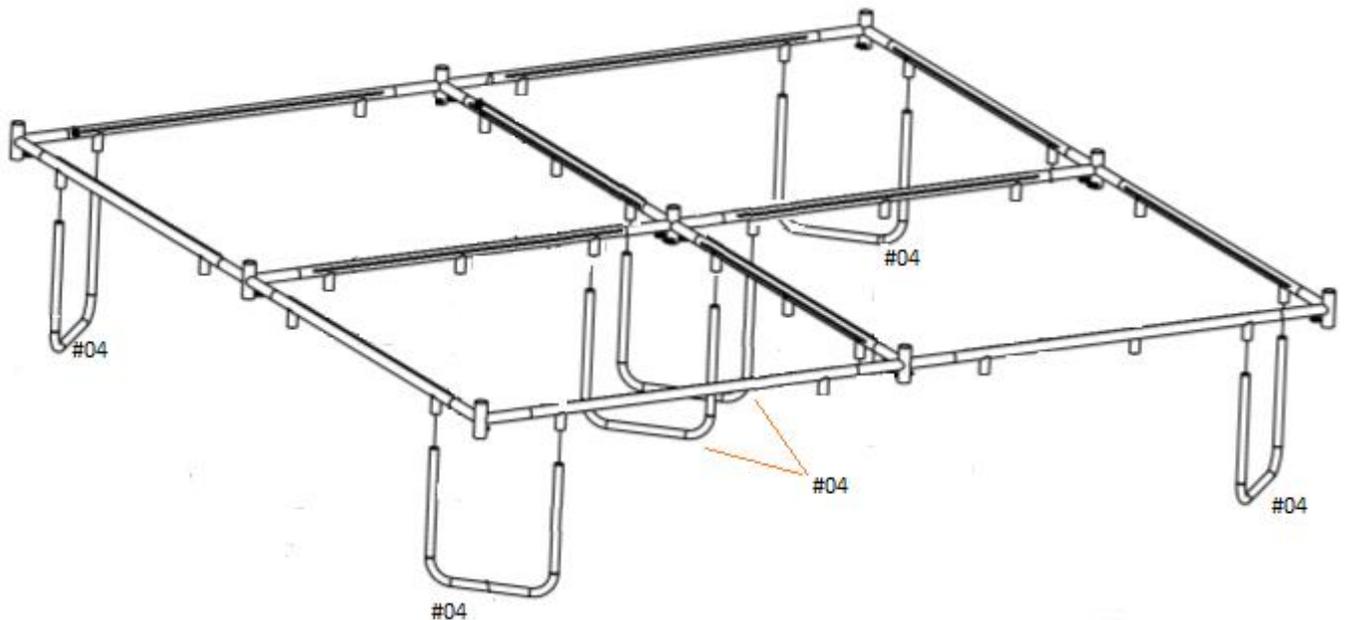
- * Part numbers **ending in "0"** are generic. **No specific orientation** (00,10,40,50,60)
- * Part numbers **ending in "5" or "6"** are **strictly** for very center of the Aeroball.
- * "L" or "R" indicate a specific orientation: left or right (22,63)
- * Vertical structure: (from top to bottom): 20s – 10s – 00
- * Horizontal structure: (from top to bottom): 40s – 30s

STEPS 1 TO 4: BASE & LOWER HORIZONTAL STRUCTURE

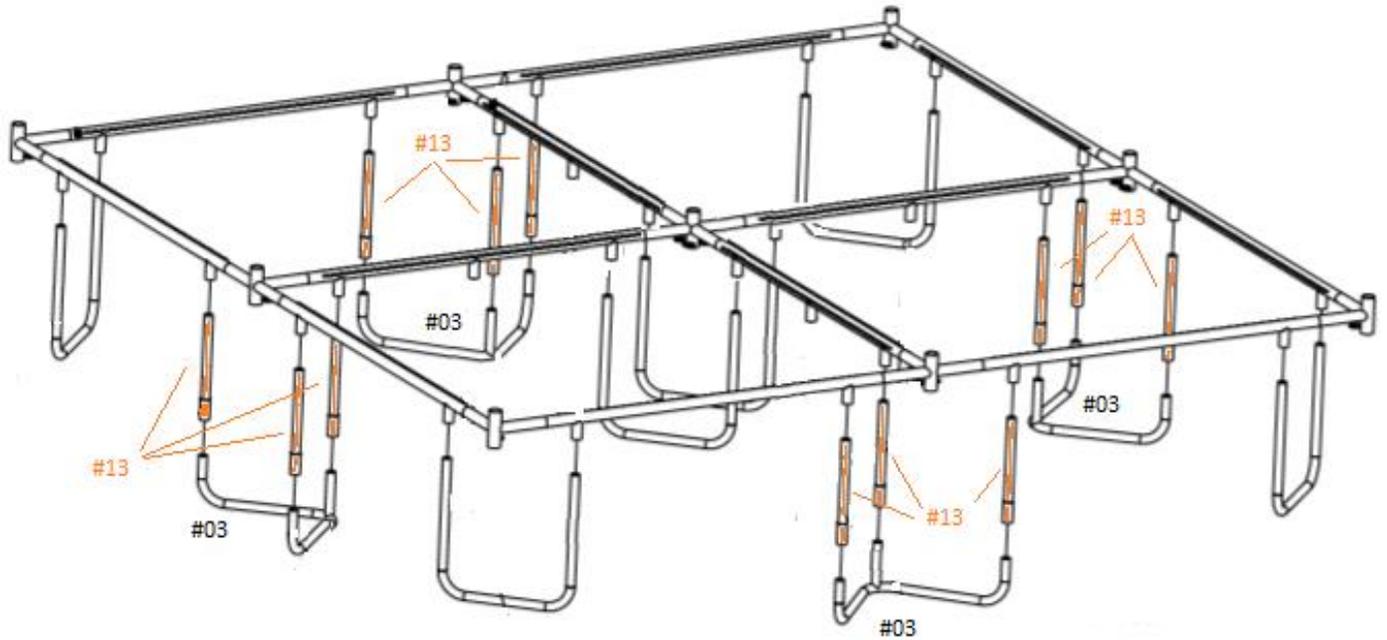
Step 1: Connect the lower horizontal bed supports (#31 – center; #32 – sides) to all the junction supports (#33 – center edges; #34 – corners; #35 – center), as shown below:



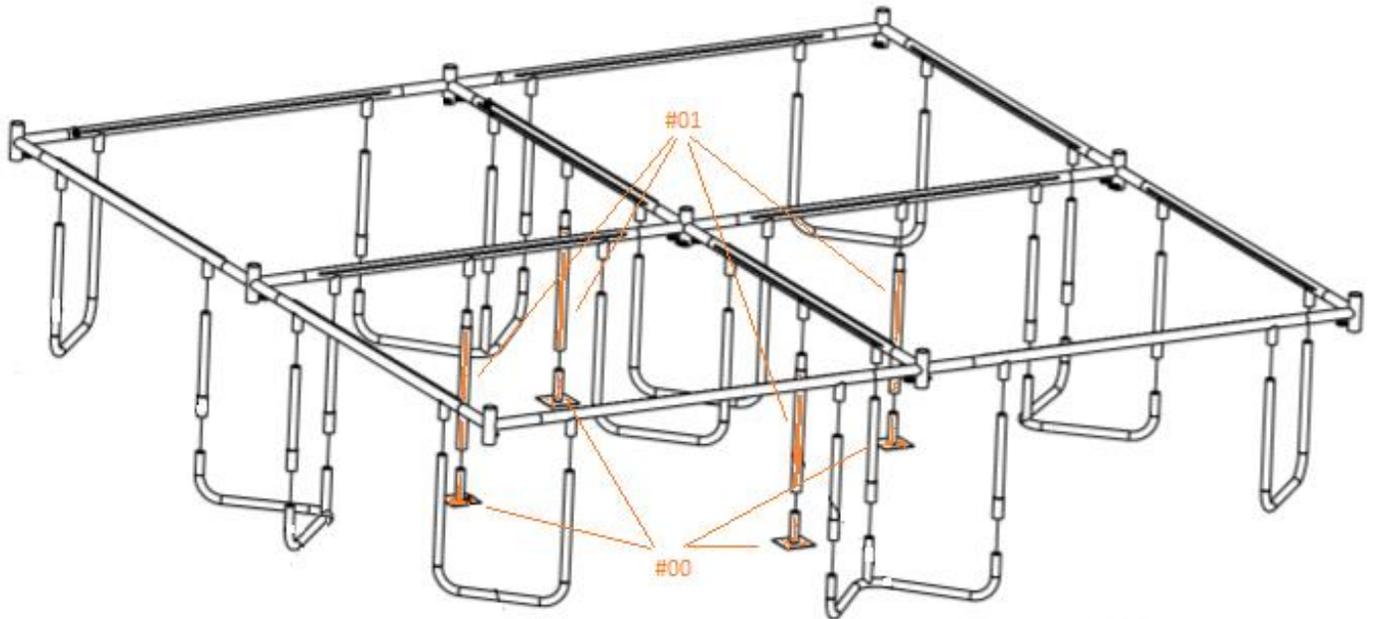
Step 2: Insert one base leg (part #04) into the sleeves found at each of the four corners. Insert the remaining two base legs at center as shown below:



Step 3: Insert 3 center legs (part #13) into the three holes in each of the center leg supports (part #03). Once joined, insert everything into the sleeves in the center edges of the structure, as shown:

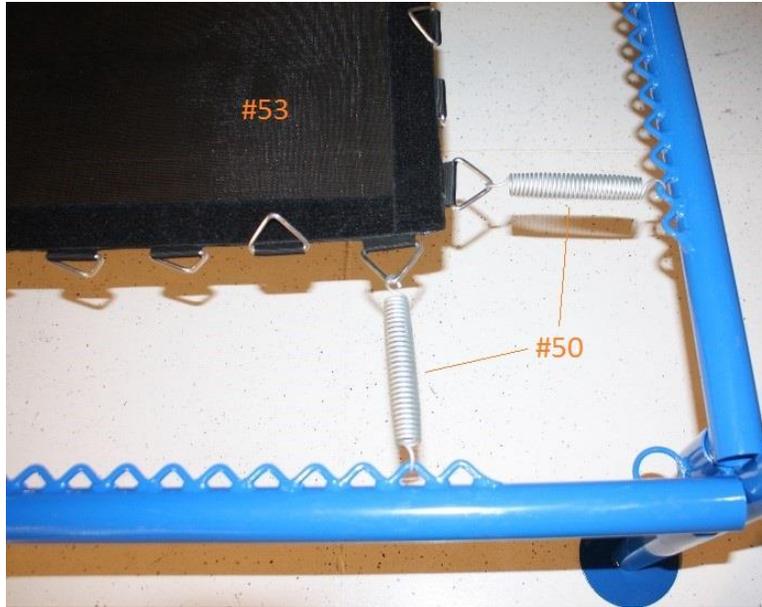


Step 4: Insert four center vertical supports (part #01) into four base plates (#00). Insert those assemblies into the sleeves to support the center horizontal bars, as shown below:

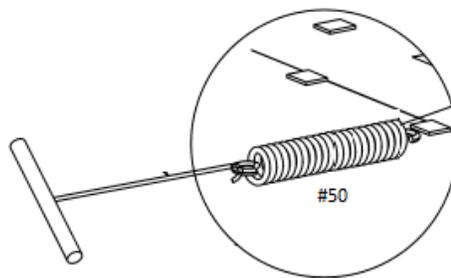


STEPS 5 TO 8: TRAMPOLINE SURFACES

Step 5: Clip the first spring (part #50) on each side of the trampoline mat (part #53) to the structure, as shown below.

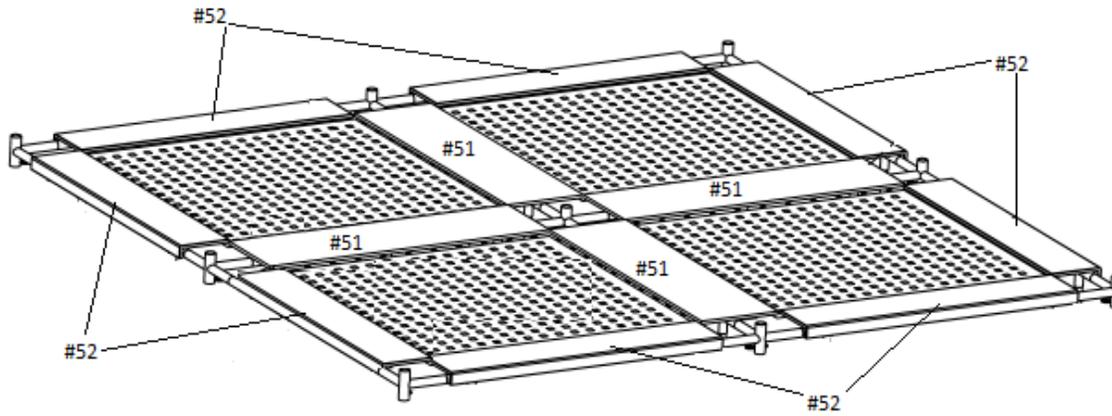


Step 6: Clip the remaining springs to the structure. (There are 16 springs per side, 64 for each trampoline mat). If the springs are too stiff to stretch by hand, use the spring tool provided (part #99)



Step 7: Repeat steps 5 and 6 in order, for all the remaining trampoline beds. By the end of this step, all 4 trampoline beds should be attached to the structure.

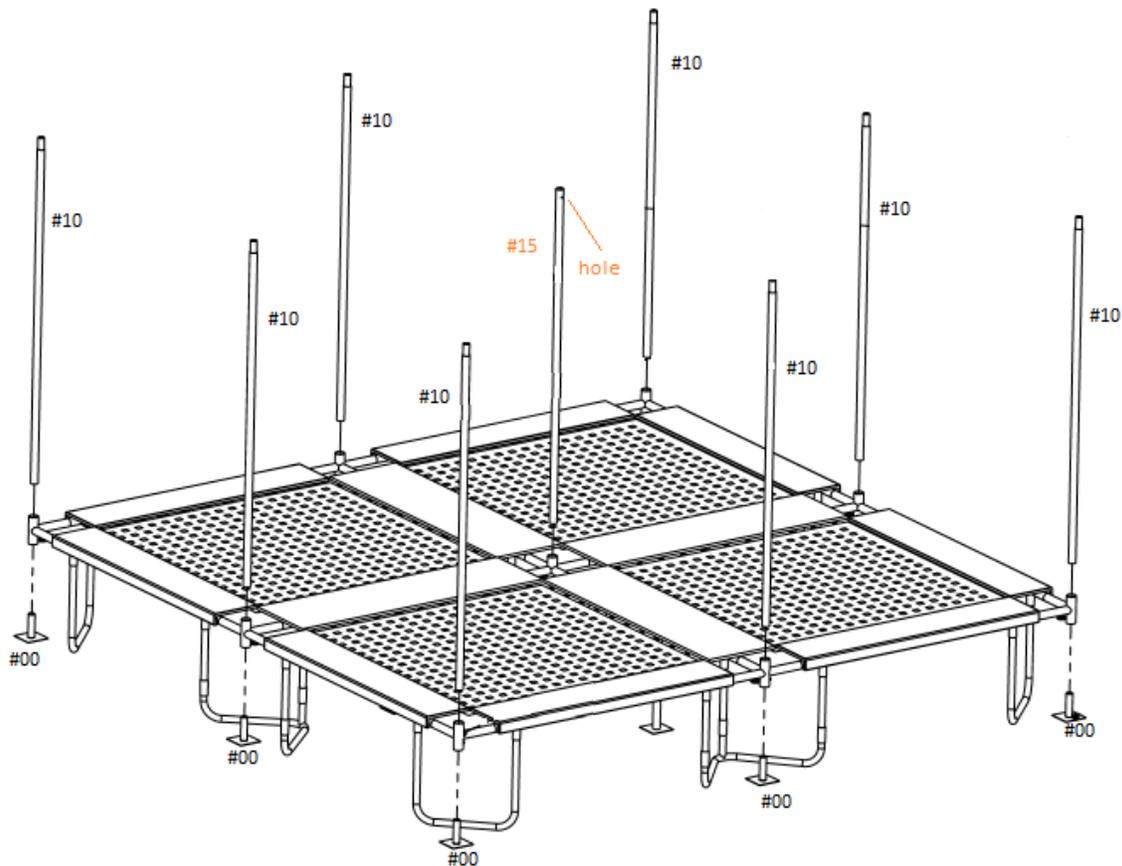
Step 8: Attach each of the 8 blue padded spring covers (part #52) to the sides of the Aeroball. Then attach the 4 center covers (part #51) in the middle.



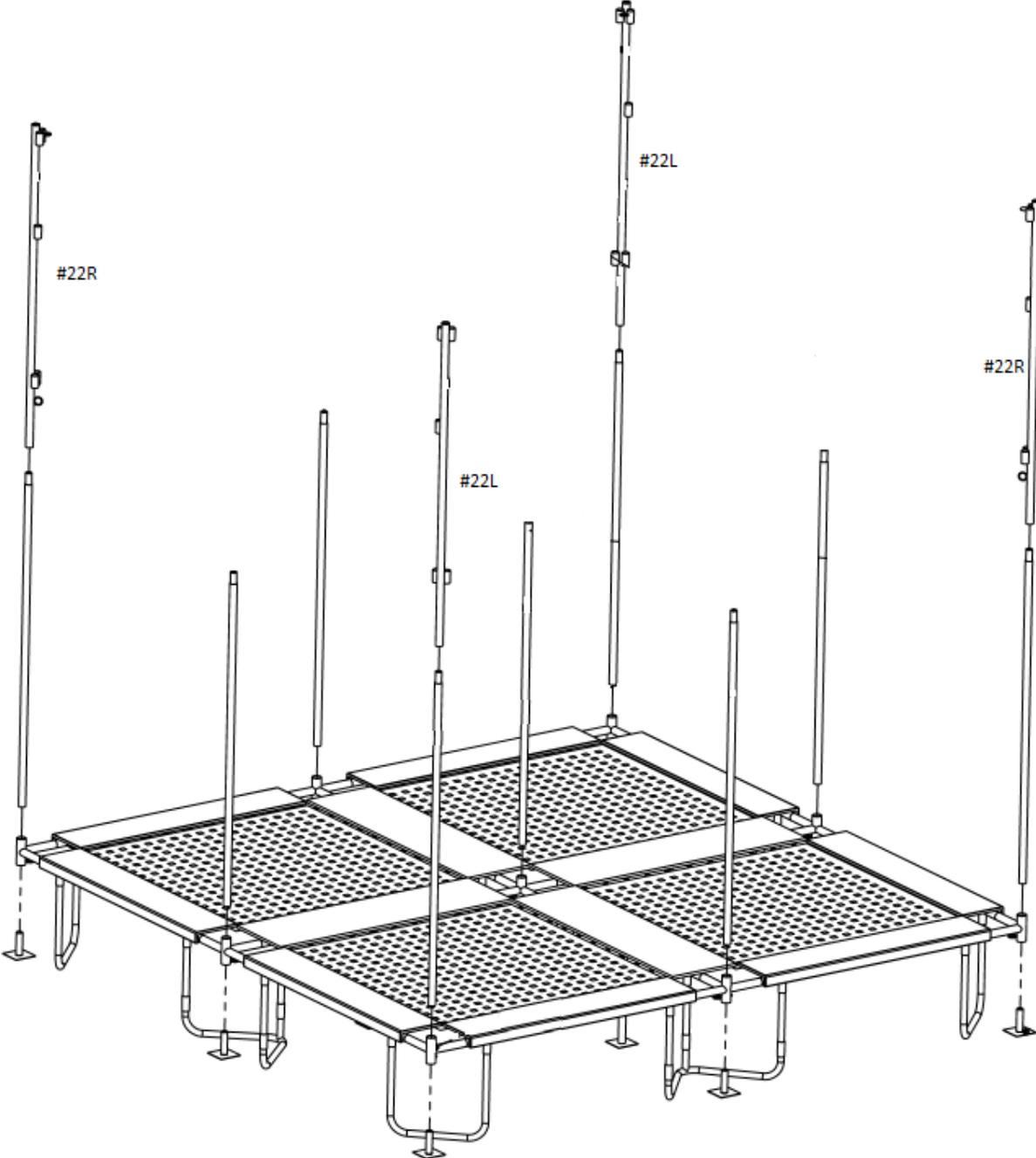
By the end of Step 8, all four trampoline surfaces should be fully attached and covered by the pads.

STEPS 9 TO 12: VERTICAL STRUCTURE

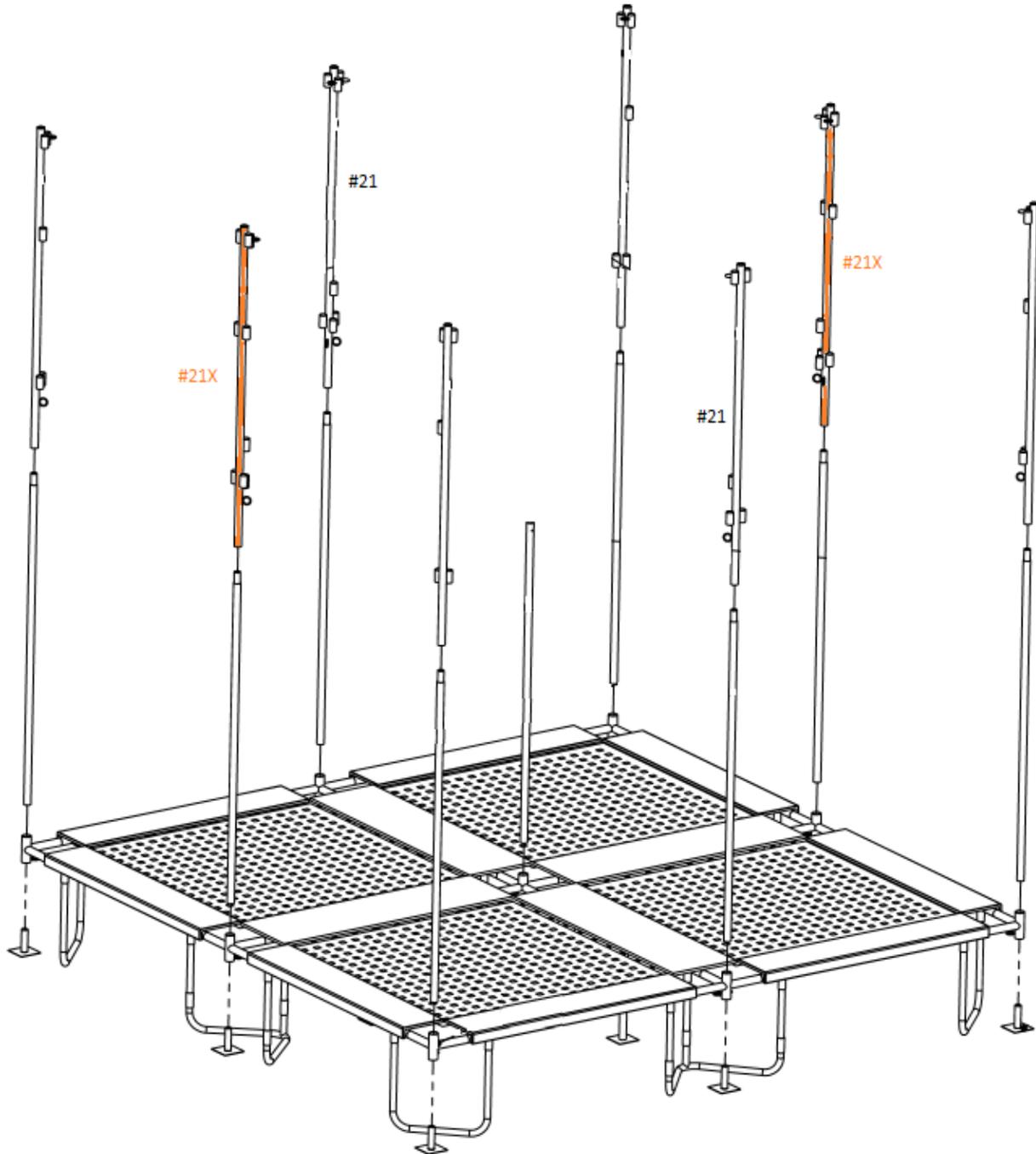
Step 9: Insert all the lower vertical risers (part #10) through each of the holes at the junctions, and into a base plate (#00). Then insert the lower center housing support (part #15) through the center junction and into a base plate.



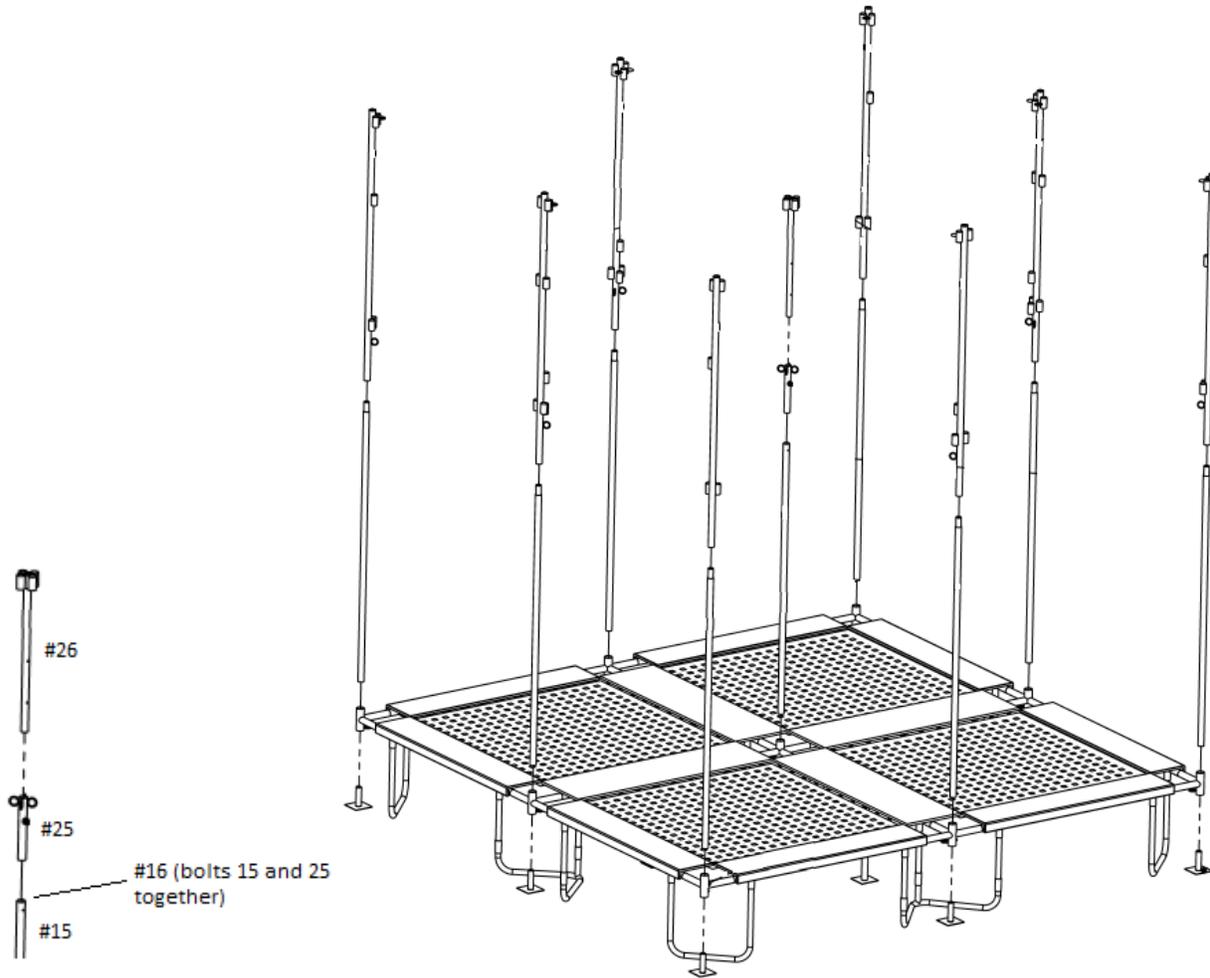
Step 10: Insert both the top left vertical risers (part #22L) on top of #10 in two opposing corners. Then insert the top right vertical risers (part #22R) into the other two corners, as shown below:



Step 11: Insert risers (parts #21 and #21X) in the orientation shown below:



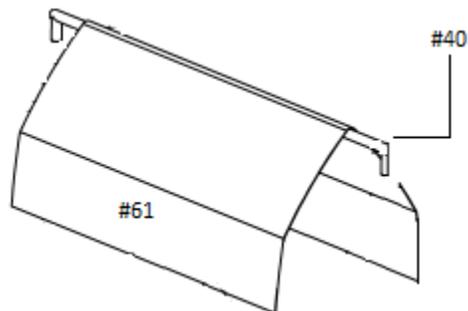
Step 12: Insert the center housing support pieces (middle part #25; upper part #26) into the lower vertical piece #15. Use the bolt and locknut (part #16) to secure #15 and #25.



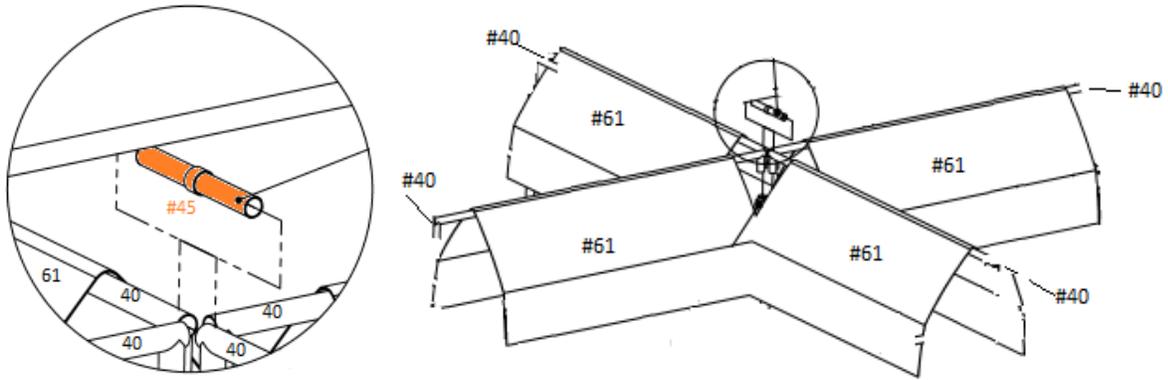
By the end of Step 12, the entire *vertical* structure should be set up.

STEPS 13 TO 18: UPPER HORIZONTAL STRUCTURE

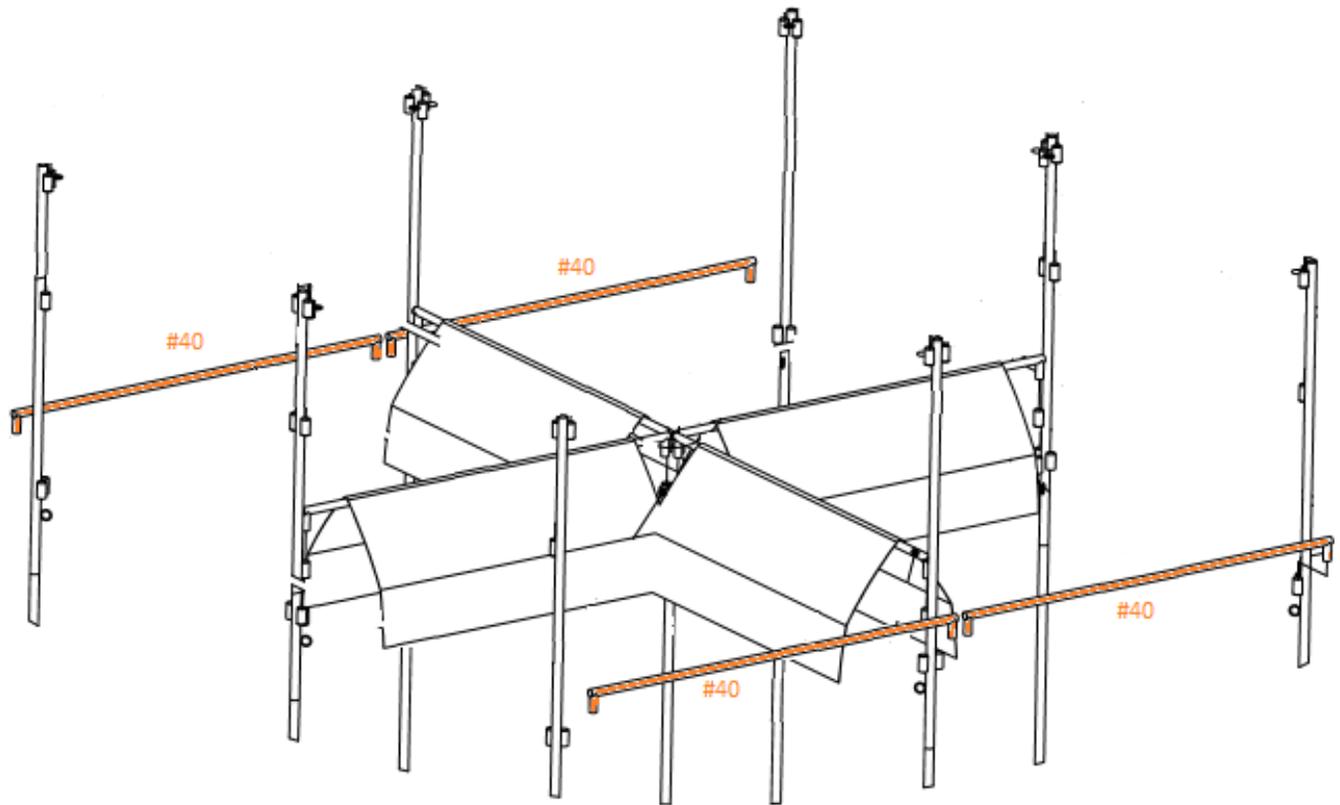
Step 13: Pass 1 of the horizontal supports (part #40) through the padded court separator (part #61). Repeat three more times.



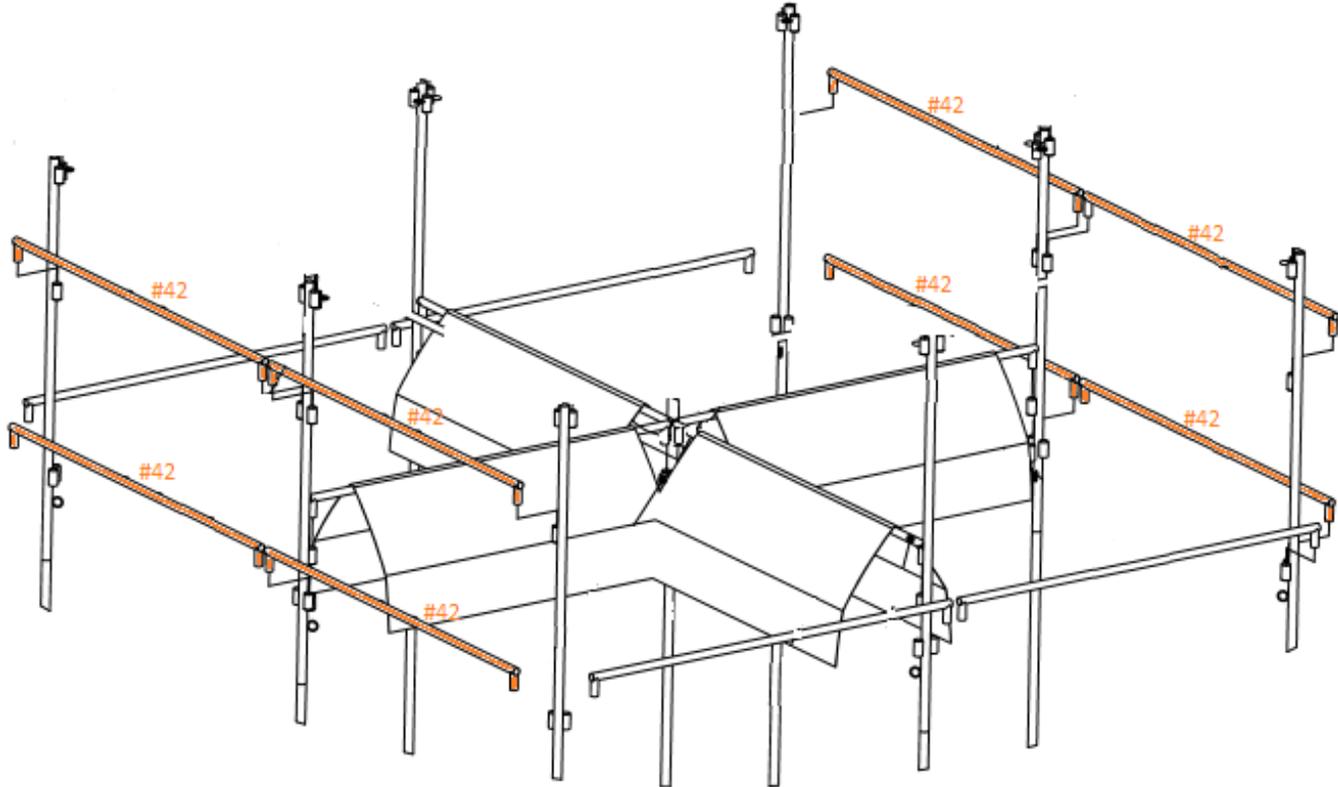
Step 14: Fit anti-rotational support tube (part #45) through the ends of two horizontal supports near the intersection, as shown below:



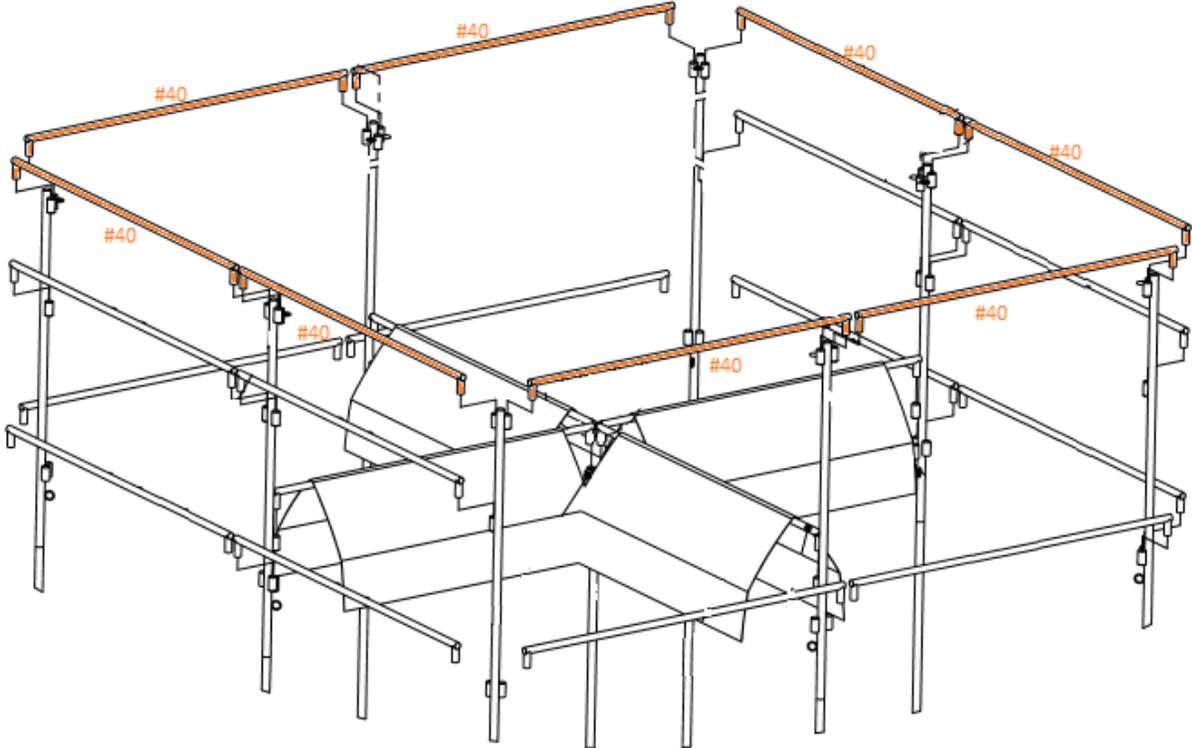
Step 15: Fit four horizontal supports (#40) as shown below:



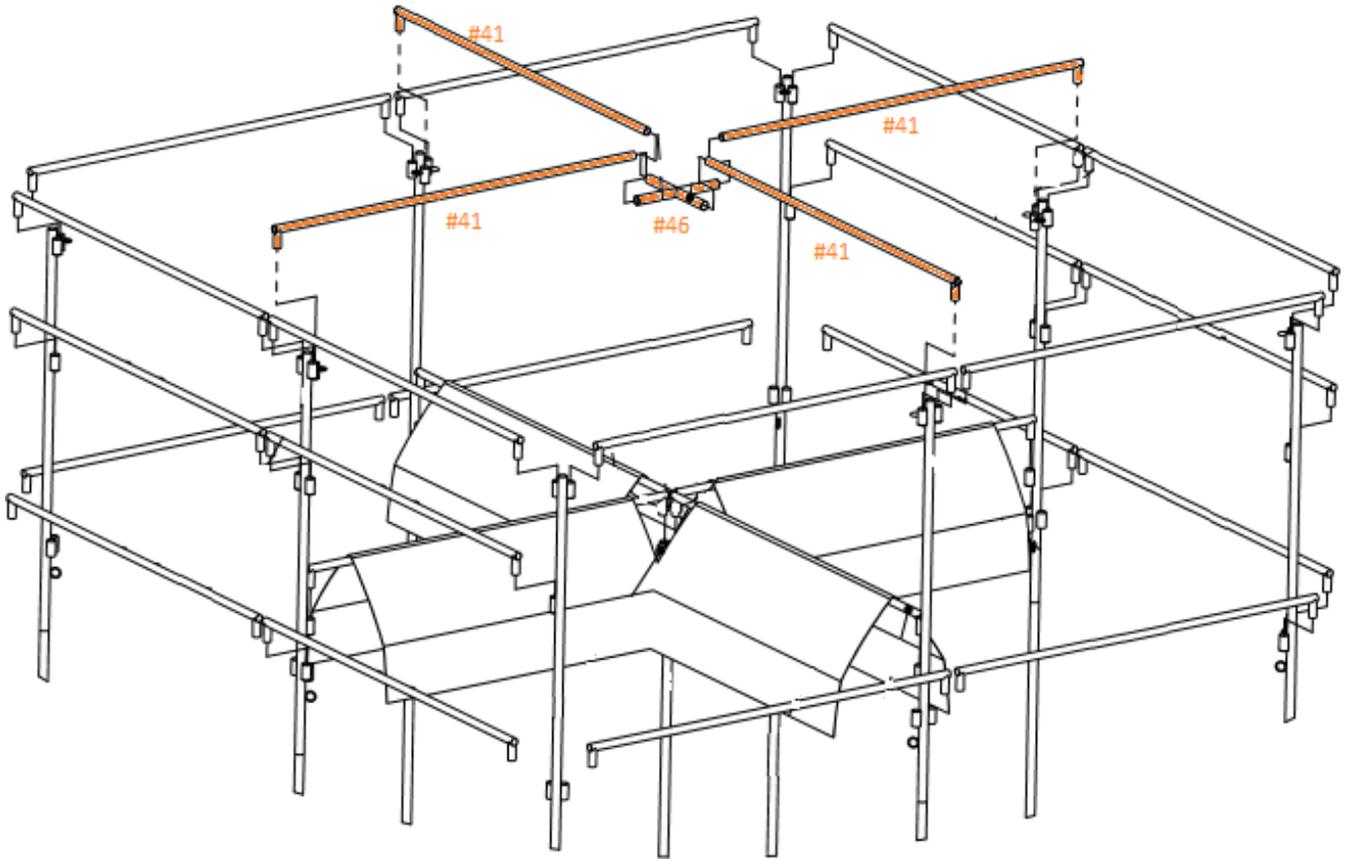
Step 16: Fit eight horizontal supports for the ends (#42) as shown below:



Step 17: Fit eight horizontal supports (#40) at the top, as shown below:



Step 18: Fit the four upper horizontal pieces (part #41) at the very top of the structure. Install the T-connector (part #46) in the very center.



By the end of Step 18, the entire *structure* of the Aeroball should be set up.

STEPS 19 TO 25: ASSEMBLING THE HOUSINGS & ROOF

Note: The Aeroball featured in the pictures below is the Jr. The instructions are exactly the same, but the amount of parts is doubled.

Step 19: Attach one large spring (part #60) to each of the loops on the verticals, as shown below. There are 12 loops– 4 lower, 4 middle, 4 upper – per court (48 total for all four courts).



Step 20: Prepare the left and right housings – parts #63L (left) and #63R (right) – and find the upper loops for each. Begin by attaching the springs to the top of the structure.



Use the spring tool to stretch the springs if needed. Start with from top and move down. Repeat for the other 3 housings. Ensure that #63L and #63R are on opposing corners.



Step 21: Bond the Velcro at the bottom of the housing to all 4 edges of its trampoline mat. Repeat three more times.



Step 22: Attach the left and right housings at the top. Pass the Velcro strap of the left housing through the metal buckle at the top of the right housing. Pull to tighten.

Step 23: Bond the Velcro that attaches the housings to the padded court divider.

Step 24: Wrap the yellow housing spring wraps (part #62) tightly to cover every large spring on the Aeroball. There is one yellow wrap for each large spring (48 in total).



By the end of Step 24, all 4 housings should be fully attached and bound.

Step 25: Install the court roof (part #64) on top of both housings. The roof attaches with Velcro to the top edges of both housings. Ensure the bond is tight.

INSTRUCTIONS FOR DISASSEMBLY

- Detach the Velcro that bound the housings to the roof. Remove and put away the roof (reverse step 25).
- Detach each housing from the court separators. Detach the housings from each other by undoing the straps at the top (reverse steps 23 through 21).
- Detach and put away all yellow spring wraps (reverse step 24).
- Unclip the housing from the loops, starting with the bottom springs (reverse steps 20 and 19). Put away both housings and the large springs.
- Using a ladder, dismantle the structure, beginning with the top and moving to the middle height (reverse steps 18 through 15).
- Remove and stow the court separators, center supports and the anti-rotational tube (reverse steps 14 and 13).
- Dismantle the upper vertical structure (reverse steps 12 through 10) followed by the lower vertical risers (reverse step 9).
- Detach and stow all the padded spring covers (reverse step 8). Then unclip and put away all the springs that hold up the trampoline mats (reverse steps 7 through 5).
- Dismantle the lower horizontal structure by removing the bases and base plates (reverse steps 4 through 2).
- Detach all junctions and horizontal supports and stow (reverse step 1).
- Check to make sure all the parts have been put away properly and that the kit is complete.