

10' Mini Stationary Spider Zone Installation Instructions



- EZ-S08-10-3LS – 10' Stationary Spider, 3 Levels with Slide
- EZ-S08-10-3L – 10' Stationary Spider, 3 Levels without Slide

1. Before You Begin

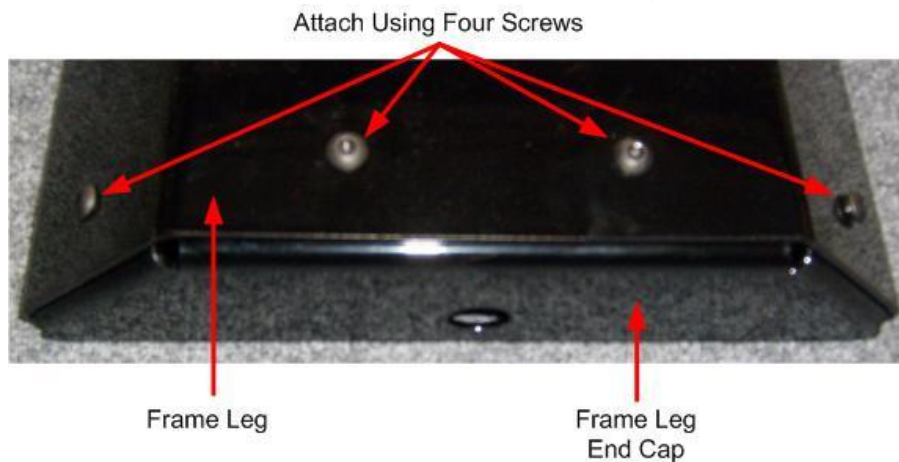
NOTE: Extreme Engineering Recommends a minimum of two persons for setting up and installing the Spider Zone. As the Spider Zone is heavy when it is all together, it is recommended to build the Spider Zone at the location where it will be permanently installed.

2. Assemble the Spider Zone Frame



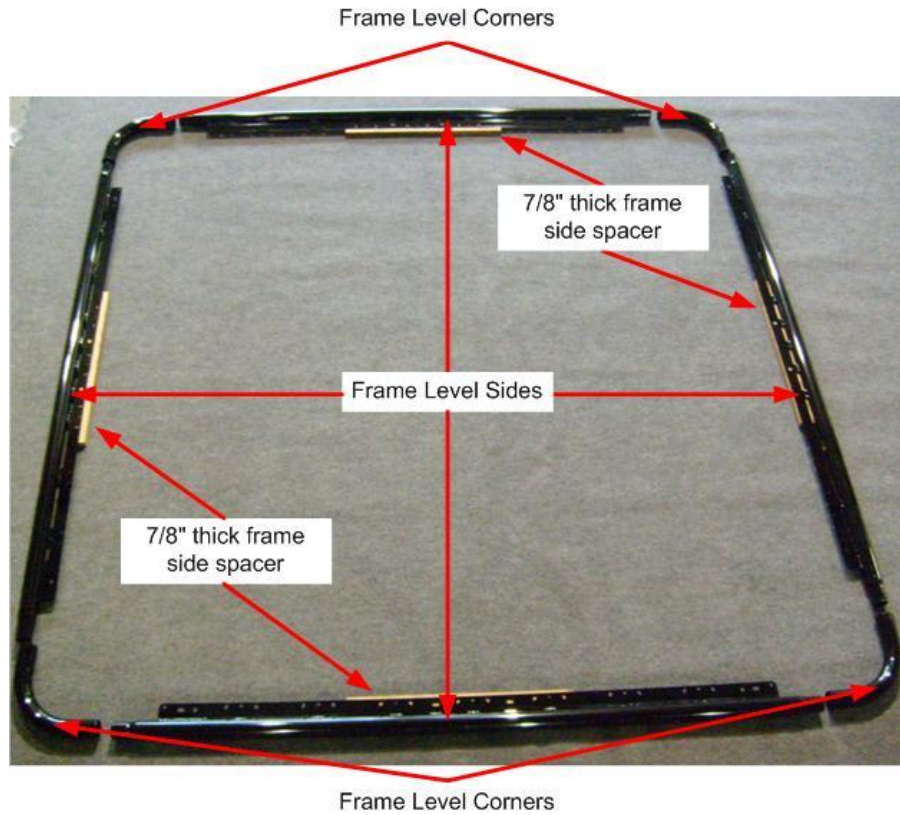
2.1. Assemble the Bottom Level Frame Legs

Attach a Frame Leg End Cap to each of the four bottom Frame Legs (Frame Legs without the Spider Zone decals) using 4 screws per Frame Leg End Cap.

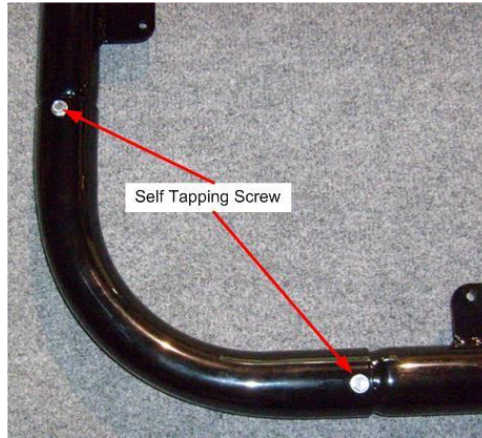


2.3. Assemble the Frame Levels

Each of the four Frame Levels are made up of four Frame Level Corner Tubes and four Frame Level Side Tubes. To assemble each Frame Level, lay out four sides and four corners as shown in the picture. The wooden spacers are not included with the product. These wooden spacers are 7/8" thick and maintain the proper orientation of the Frame Level Side Tubes during assembly.

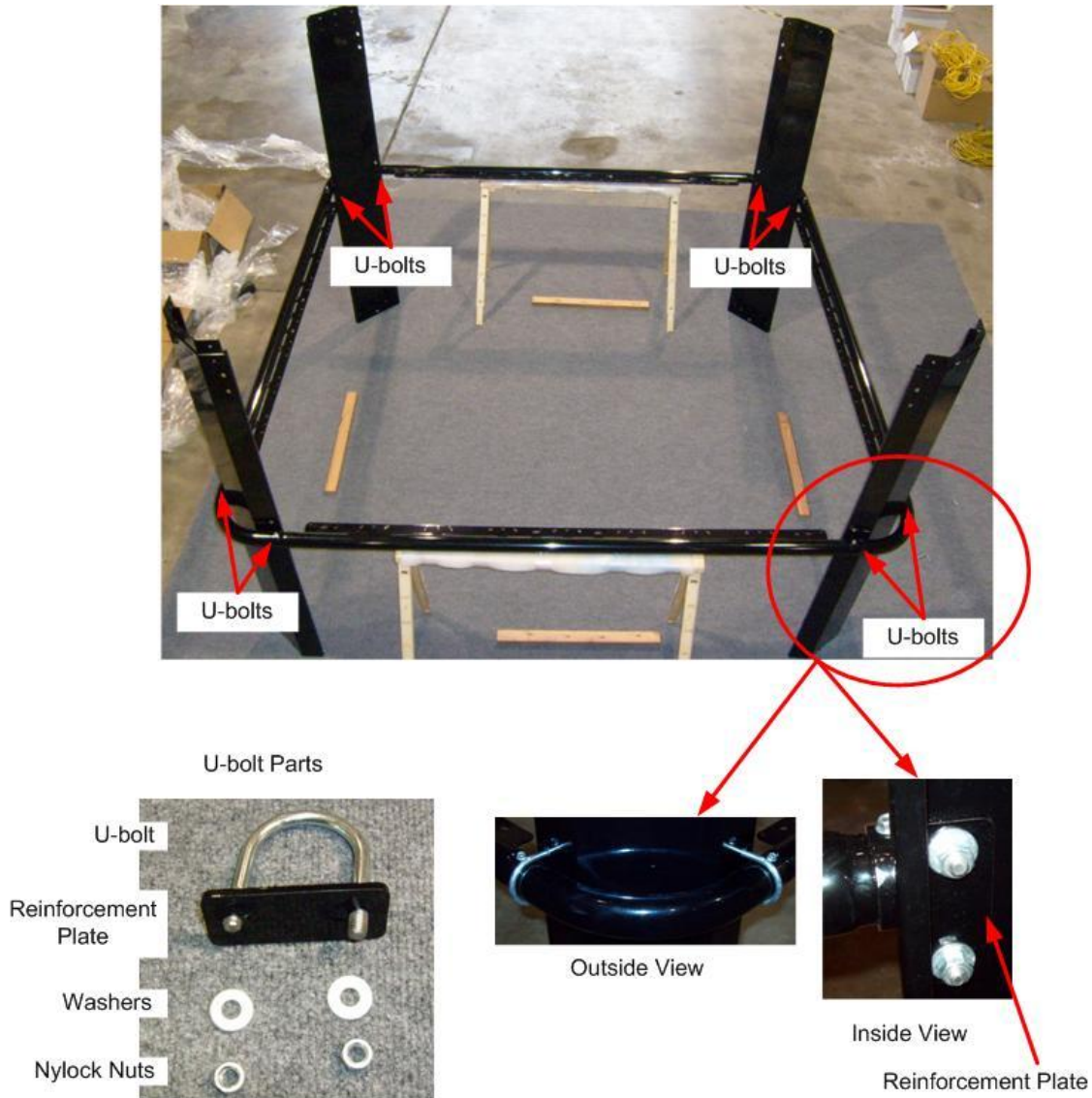


Insert each of the Frame Level Side Tubes into the Frame Level Corner Tubes. Ensure the frame sides have the 7/8" spacer between the floor and the spring attachment bar on the side tubes. Use one self-taping 1/4" screw at each of the corner to side connections. Repeat this operation for each Frame Level.

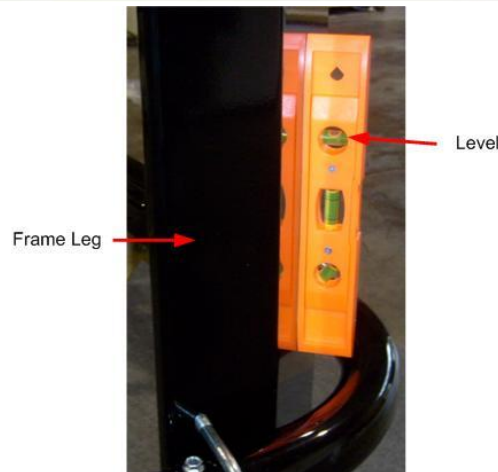


2.4. Attach The Frame Levels To The Bottom Frame Legs

Each square Frame Level assembly is bolted to the Frame Legs using two u-bolts on each corner. Attach the four bottom Frame Leg assemblies to each corner of the Frame Level at the bottom u-bolt hole sets using the u-bolt parts. Prior to final tightening of the u-bolts, ensure the Frame Legs are vertically square with a level.



Attach the second Frame Level to the bottom Frame Legs the same as the first Frame Level. Prior to final tightening of all u-bolts, verify the bottom Frame Legs are vertically square using a level. Finish tightening all u-bolts once each Frame Leg.



Lay the 3rd and 4th Frame Levels on top of the 2nd Frame Level in preparation for attaching the top Frame Legs.



2.5. Attach The Top Frame Legs To The Bottom Frame Legs

Lay the 3rd and 4th Frame Levels on top of the 2nd Frame Level in preparation for attaching the top Frame Legs.

Attach each upper Frame Leg to the Frame Leg Extension Bracket previously attached to the bottom Frame Legs. Attach using only the two inside screws with washers between the screw head and the decal on the top Frame Leg. The outside screws will be attached in a later step.



Repeat the installation for the remaining 3 upper Frame Legs.

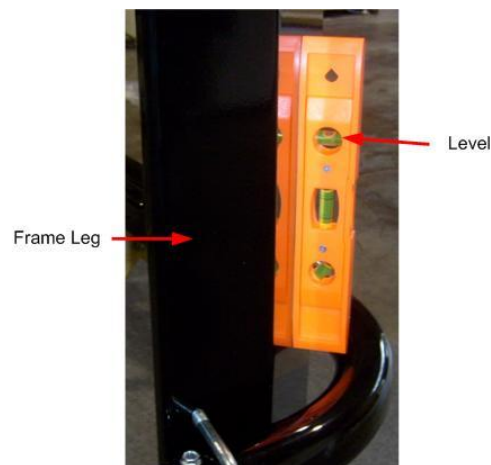
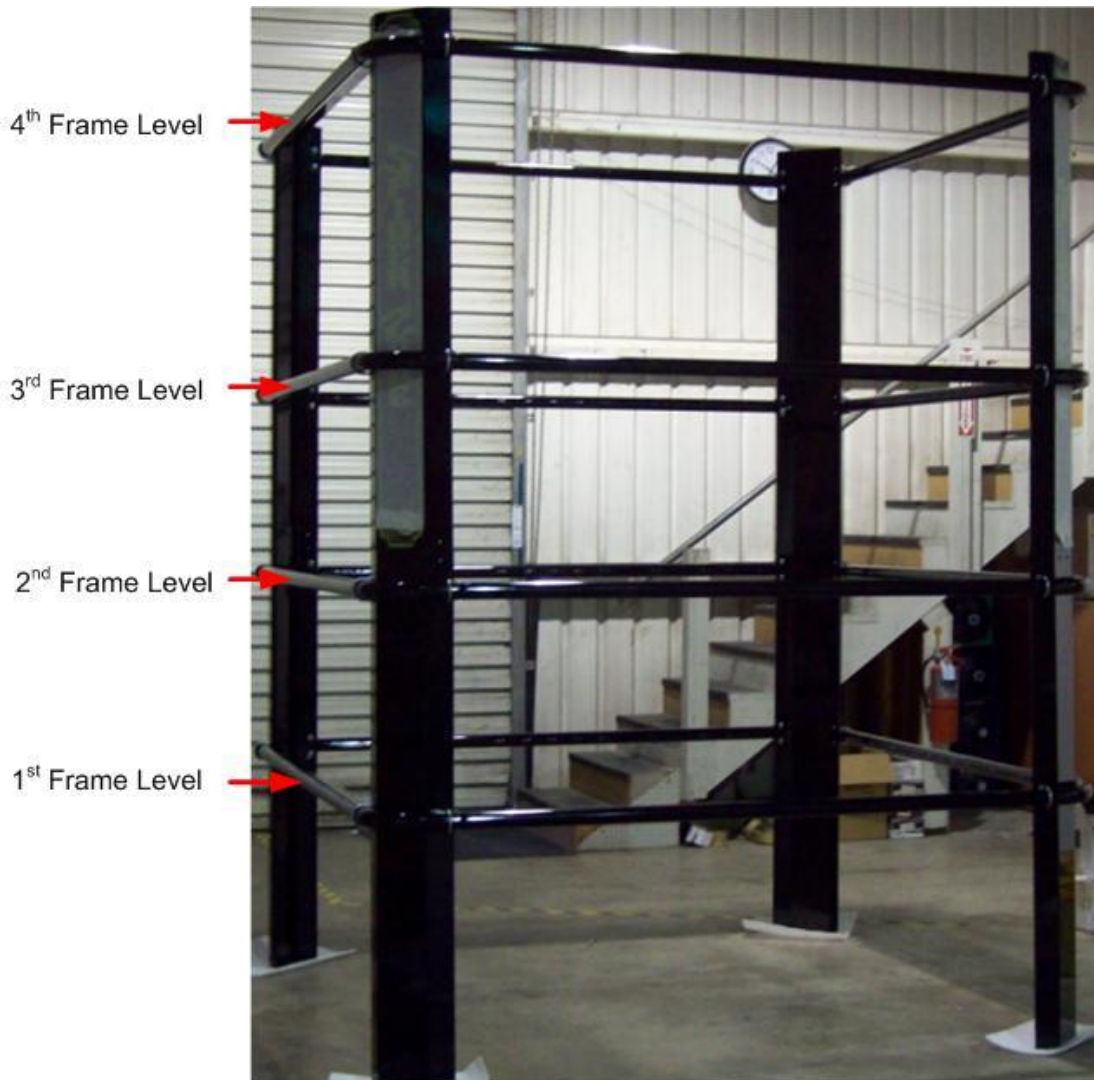


2.6. Attach The Frame Levels To The Top Frame Legs

Raise the 4th Frame Level all the way to the top mount points and attach using the u-bolt parts. Attachment is the same as performed in the previous step to attach the Frame Levels to the bottom Frame Legs. Do not tighten the u-bolts until the 3rd Frame Level is in place and the Frame Legs have been checked for vertical with a level.

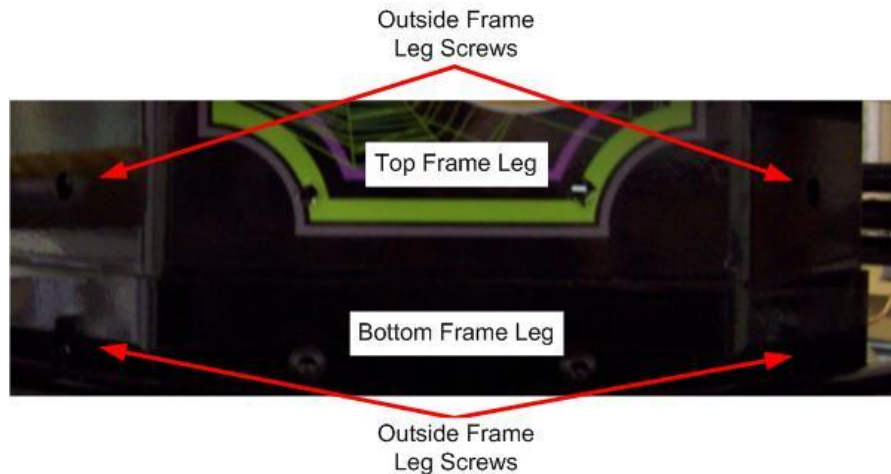


Raise the 3rd Frame Level up to the 3rd level mount points on the Frame Legs and attach using the u-bolt parts. Attachment is the same as performed in the previous step. Do not tighten the u-bolts until the 3rd Frame Level is in place and the Frame Legs have been checked for vertical with a level.



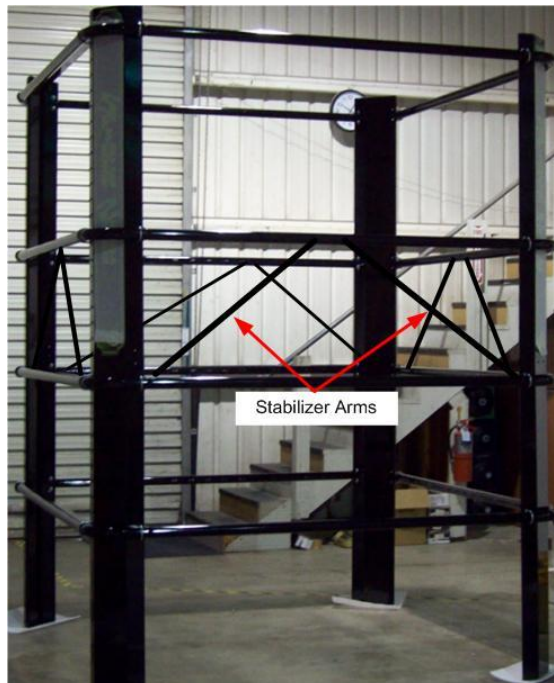
2.7. Complete the Attachment of the Top Frame Legs to the Bottom Frame Legs

Install the remaining outside screws that hold the Frame Leg Extension Bracket to the top and bottom Frame Legs on all four legs. There are 8 screws holding the Frame Leg Extension Bracket to the top and bottom Frame Legs.

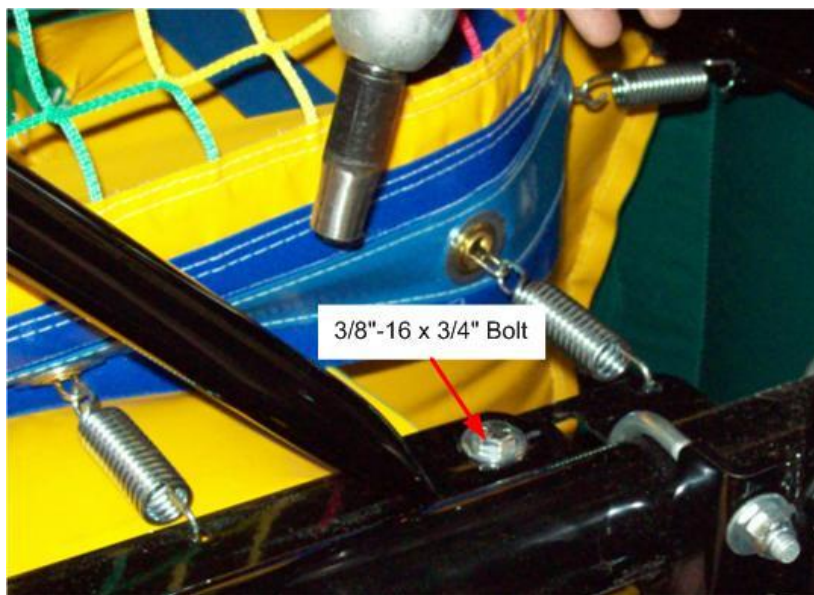


2.8. Attach Stabilizer Arms To Frame

Attach the Stabilizer Arms between the 2nd and 3rd Frame Levels (the middle section of the Spider Zone). Two Stabilizer Arms attach to each side of the Spider Zone for a total of eight Stabilizer Arms. The Stabilizer Arms attach to the top side of the 2nd Frame Level and underneath the bottom of the 3rd Frame Level.



Using one 3/8"-16 x 3/4", two 3/8" washers (one between bolt head and frame, one between nylock nut and frame) and one 3/8" nylock nut, attach one end of the Stabilizer Arm to the Frame Level. Repeat this on the other end of the Stabilizer Arm. Tighten both bolts. Repeat this procedure for the remaining seven braces.

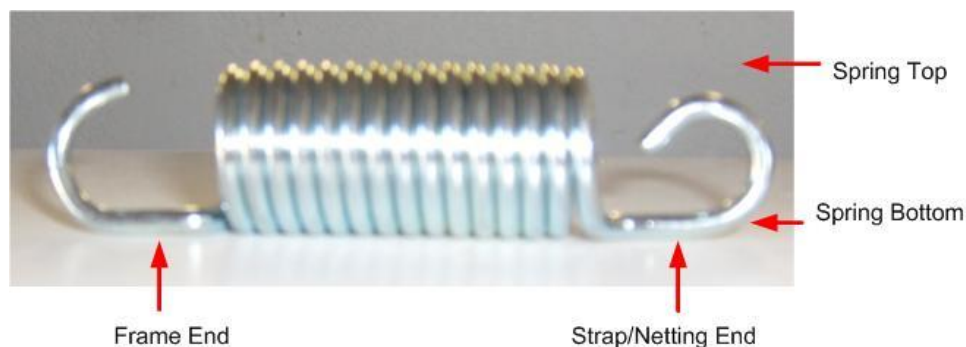


3. Attach the Netting To The Frame

The netting is one complete single unit for all levels of the Spider Zone. The roof of the netting is the end with the top cover attached. Netting attaches to the frame with the Strap Springs and Level Straps.

3.1. Strap Spring Orientation

Every spring has the same specific orientation. The open end of the spring hook is the Top of the spring. The tighter hook is the side to be installed on the strap/netting. The more open hook is the side that is attached to the Frame Squares. All springs must be attached with the top as the upper side and the bottom as the lower side.



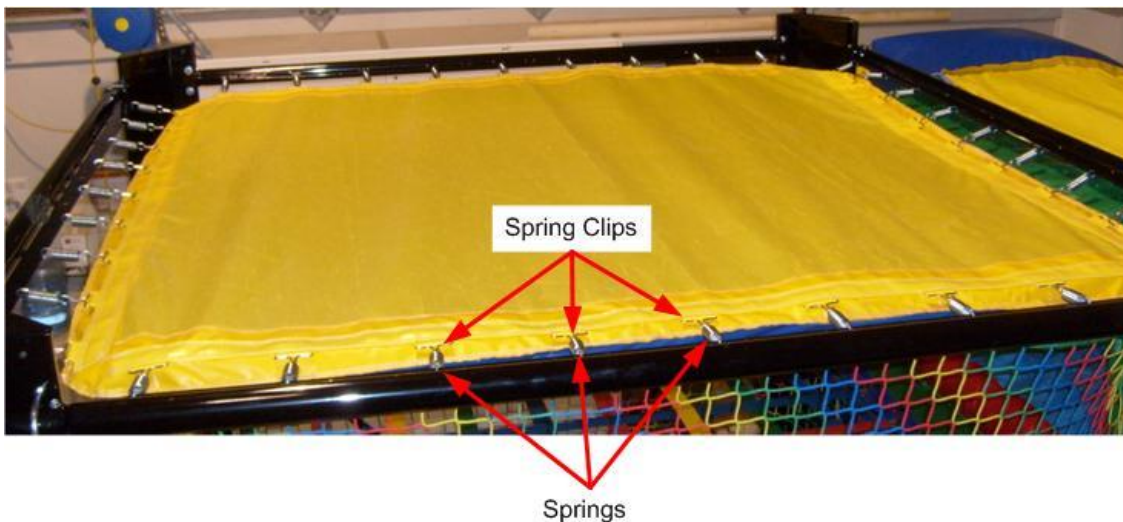
3.2. Attach The Top Of The Net To The Top Frame Level

Netting attachment starts by attaching the roof of the netting to the 4th (top) Frame Level with Strap Springs. No straps are used for the roof attachment. Strap Springs are not doubled up on the roof attachment. Use one spring per spring clip. Use the center hole of the Frame Level attachment point.



Roof springs attach to center spring hole

Orient the netting such that the opening for the slide is on the side of the Spider Zone where the inflatable slide will be positioned. Locate the corners of the top cover. Starting at one corner, loop the strap/netting end of the spring around the attachment Clip on the roof, the spring top on top, the spring frame end attached to the corner hole on the Frame Level. Proceed around the entire top until all springs have been attached to the roof and the frame. It will take 36 springs, 9 on each side, to attach the very top of the netting to the frame.

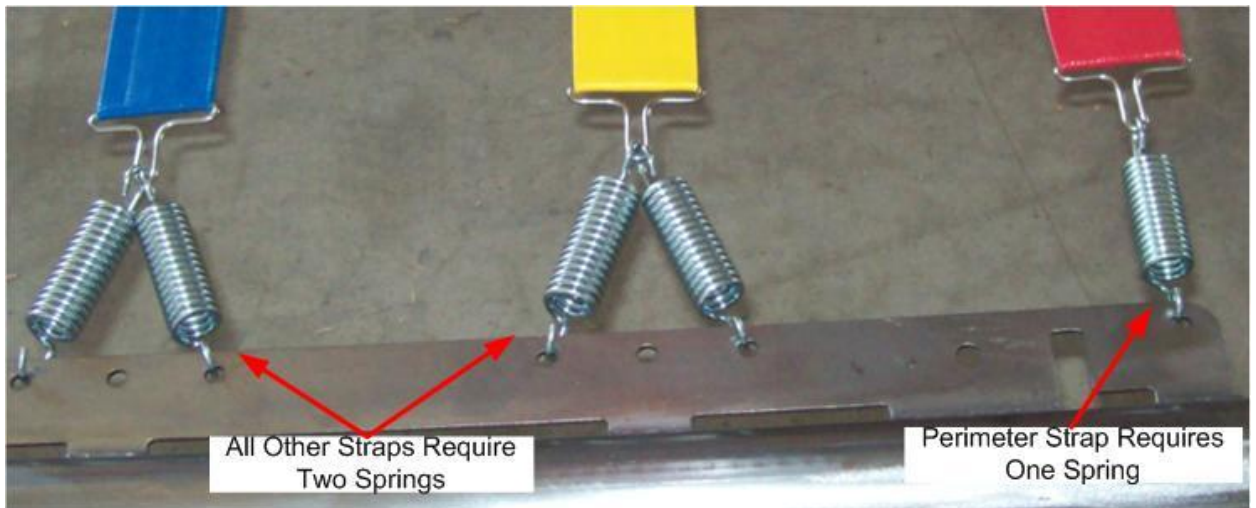


3.3. Attach The Level Netting and Straps To The Frame Levels Overview

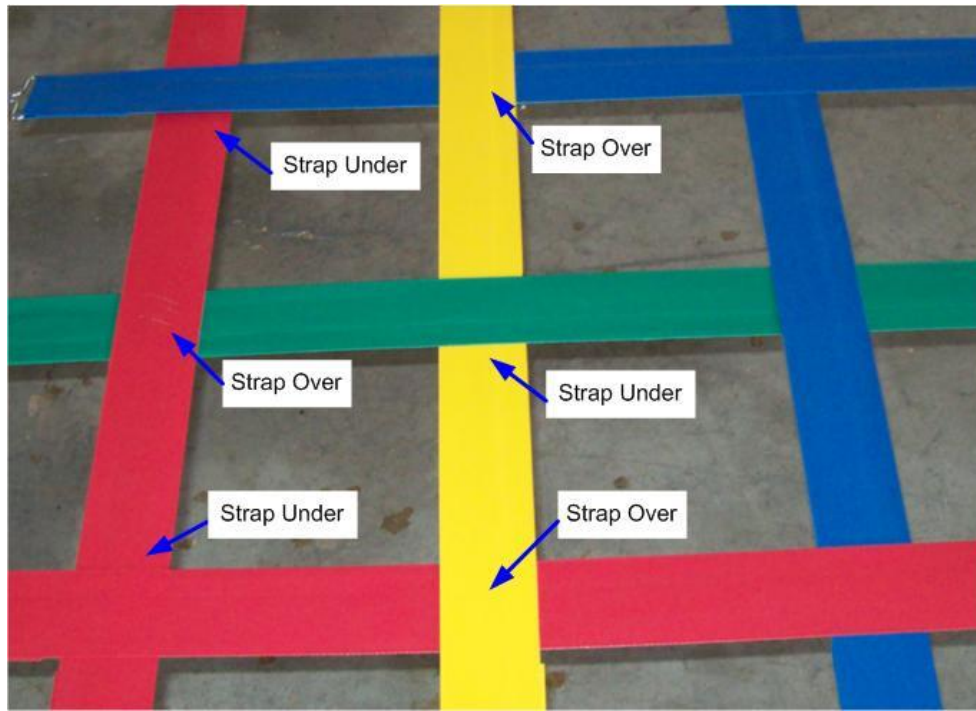
The netting for the lower levels of the Spider Zone is held in place by the Level Straps and Strap Springs. When ready to perform the actual installation, each Level Strap and Strap Spring must be attached at the same time. Do Not attached the Netting, Strap Springs or Straps at this time until you have reviewed all the following instructions.

The following sequence of pictures demonstrates how and where the Netting, Straps and Strap Springs attach. Once you understand how the Netting, Straps and Strap Springs attach, you will then begin installation of the Netting, Level Straps and Strap Springs. The installation will be performed by attaching Netting at the bottom of the top level first, the bottom of the middle level second, the bottom of the bottom level last.

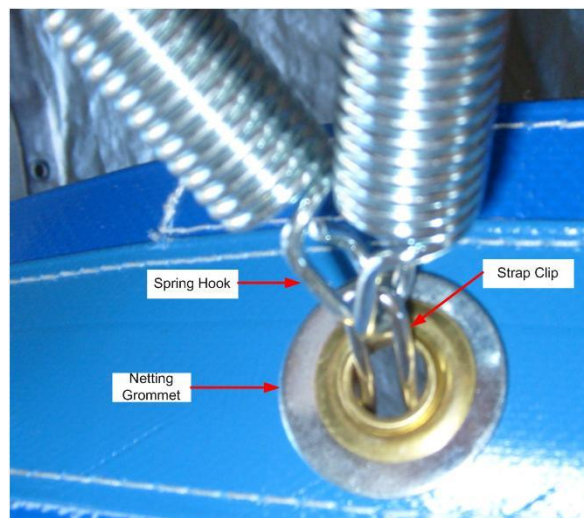
The Level Straps at the very outer edge of the netting (the perimeter straps) require only one spring at each end of the strap. All other straps inside the perimeter straps require two springs at each end of the straps. 64 springs (16 springs per side) will be used to install all straps for one level. It is easiest to install one spring at each end of each strap and then come back and attach the second spring to all non perimeter straps. Spring attachment is shown in the next picture without the netting for clarity of spring placement.



When installing the straps, each strap will be weaved over and under each adjacent strap in a basket weave style. There is a top and bottom to the strap. The bottom of the strap is identified by the short distance of strap underneath each strap where the strap clip is attached.



To install Straps, Strap Springs and Netting for all levels except the very top roof level you first insert the Strap Clip through the proper metal grommet found on the netting apron. Next attach the Strap Spring to the Strap Clip on the outside of the Netting. Ensure to orient the Strap Spring as described in the previous spring orientation picture and instructions. Lastly attach the Strap Spring to the Frame Level in the proper spring attachment hole as show previously.



3.4. Begin the Level Netting and Straps Installation

Starting at one corner of the bottom of the top level netting, start with the first strap. Insert the Strap Clip through the Netting Grommet. Hook the Strap/Netting end of the Spring onto the Strap Clip with the top of the spring pointed upward. Hook the frame end of the Spring onto the first hole at the corner end of the Frame Level. Perform the same operation with the opposite end of the same strap starting with the corner spring hole also. Reference the previous picture above showing spring placements for the perimeter strap and the non-perimeter straps.

Repeat this for all other straps going the same direction across the Spider Zone level. When all these straps have been installed with one spring at each end of each strap, now return to each strap and add the second spring to the non-perimeter straps only. The very outside perimeter straps require only one spring.

Now install the Straps that cross over the just installed straps. Make sure these straps follow the basket weave as described previously. No strap should be on the same top or bottom side of an adjacent strap at all places where the straps cross each other. The following picture shows the Level Straps in their proper placement looking from underneath toward the top. Note the fold and glue area of the straps that wrap around the Strap Clip are all on the bottom side of each strap.



- Repeat these same installation procedures for the remaining two lower levels of the netting.

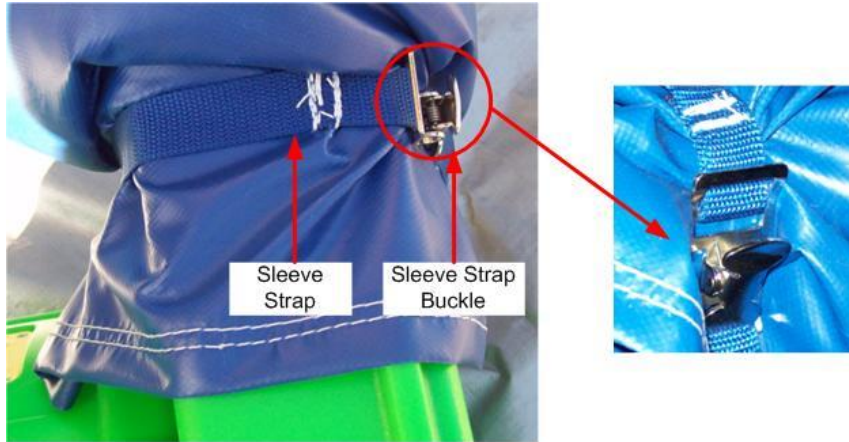
4. Attach the Slide to the Netting

Prior to attaching the Entrance/Slide Inflatable, ensure the Spider Zone has been moved to its final position where it will be operated. DO NOT attempt to move the Spider Zone with the inflatable attached to the netting. Damage to the slide or netting may occur. If you must move the Spider Zone to another operating location, the slide must be detached from the netting first and reattached after the relocation.

The Entrance portion of the Inflatable which goes directly underneath the Spider Zone is permanently attached to the Slide portion of the Inflatable. When setting up the Entrance/Slide Inflatable, be careful not to damage the connection between the Entrance and Slide inflatable portions. Carefully unroll and place the Entrance/Slide Inflatable into position. The Entrance portion goes under the first level of the Spider Zone. The slide is positioned on the side of the Spider Zone where the slide opening in the top level netting is.

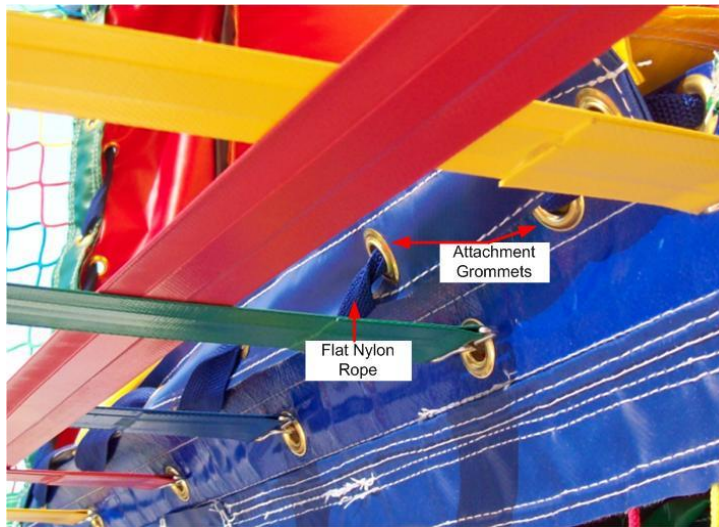
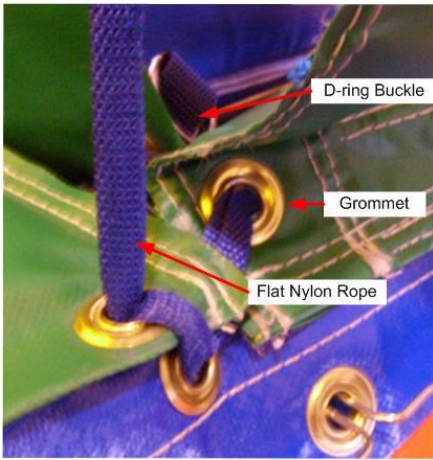


It will be easier to attach the Slide to the slide opening of the Netting if the Slide is inflated first. Attach the inflatable Blower to one of the sleeves on either side of the Slide. Only one Blower sleeve is used. Leave the opposite side blower sleeve rolled up at all times while the Entrance/Slide Inflatable is in use. If the unused sleeve is not kept rolled up, the Slide will not inflate properly. Place the Blower Sleeve at the base of the Slide Inflatable over the Blower outlet. Pull the strap through the spring buckle to tighten the sleeve around the Blower outlet.



Plug the Blower into an electrical outlet and press the on/off switch to start the Blower. While the blower is inflating the Entrance/Slide Inflatable, help the slide as it inflates to ensure the inflatable doesn't get damaged or hung up on the Spider Zone framing.

Once the inflatable is fully inflated, the slide can now be attached to the opening in the netting. The opening of the Slide is attached to the opening of the Netting using the Flat Nylon Rope with the D-rings at one end. Start at one corner and pull the rope all the way through the corner grommet on the slide. Push the rope through the corner grommet on the netting. Wrap the Rope up and over edge of the opening of the netting to the next adjacent grommet on the slide. Push the rope through the grommet and then through the next adjacent grommet on the netting. Pull the rope all the way through each grommet before proceeding on to the next grommet. The rope needs to be pulled tight enough to prevent any large gaps between the slide opening and the netting opening. Continue this operation until the end of the rope is back to the starting corner.



Attach the end of the rope to the D-rings at the starting corner of the slide opening. Tie the rope sufficiently to prevent the rope from loosening during slide use.



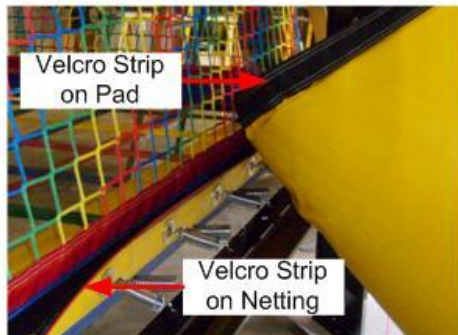
5. Attach The Sliding Sheet To The Sliding Area

The slide has a replaceable sliding sheet that is placed over the sliding area of the inflatable Slide. It is attached to the sliding area with velcro strips sewn along the sides of the sliding sheet and the sliding area. Start the Sliding Sheet installation at the top of the sliding area and work your way down to the bottom of the sliding area. Even though velcro has been attached all the way down to the ground, the Sliding Sheet does not extend all the way down to the ground.



6. Attach the Frame Padding To The Frame

A pad is placed around the bottom Frame Level above the entrance into the Spider Zone. Attach the pad by placing the velcro strip on the pad onto the velcro strip sewn onto the netting located above the grommets where the Strap Clips are along the netting.



Wrap the pad around and underneath the Frame Level. Attach the pad by placing the velcro strip on the pad onto the velcro strip sewn onto the netting located below the grommets where the Strap Clips are along the netting.

