

PLASTIC FRAMES AND STAKES

Spider Step & Window Clip Assembly

The assembly procedures for the Spider Step & Window Clip are very similar.

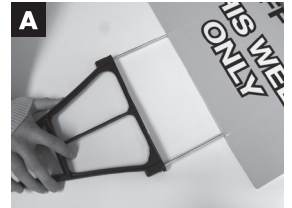
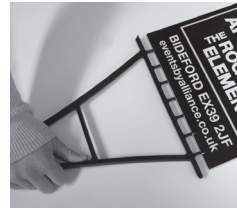
A Begin by placing the substrate on a flat surface holding it down with one hand. Lay the Spider Step on the same flat surface as shown and insert the spikes into the flutes, making sure to centre the stake and sign.

B Next, pick up the assembly and firmly tap the top edge of the substrate on a flat surface using the palm of your hand on the torsion bar for a backstop to finish pushing the spikes the rest of the way in. The tapping action evenly distributes the pressure necessary to fully seat the spikes without requiring excessive force.

Window Clip

The Window Clip has a slightly different design with evenly tapered spikes. The centre or longest spike is designed to aid centring the sign face. Progressively shorter spikes simplify alignment to the other corrugated flutes during the insertion process. The remaining steps are identical to the Spider Step assembly.

Note: Substrate should be 610mm x 305mm or smaller.



Step-Frame Assembly

Begin your installation by noting the 4 sign face keepers at each inside corner of the frame and the 3 keepers along the bottom and sides of the frame. Each set of keepers is offset slightly, creating about a 4mm channel for capturing a 460mm x 610mm metal or corrugated sign substrate. The sign-face substrate will be sandwiched between these alternating keepers, completely enclosing the edges and protecting the graphics from damage. When correctly installed, the corner keepers will show up on one side of the sign face; with the bottom and side keepers on the opposite side of the sign face.

A Starting at the upper section of the frame, locate the gap where the sign face will slide into and through the first set of slots as shown. This gap is found just below the top pair of corner keepers. Inserting the sign face at roughly a 45 degree angle works best. Push the sign face through about 2/3 of the way until the bottom edge of the substrate will line up with the next gap located just above the lower set of corner keepers.

B Rotate the sign face parallel with the side frame rails and begin feeding the substrate down through the lower corner gaps. Note that the lower corner keepers have a bevelled lead-in to help guide the sign face into position. The substrate may be trimmed slightly should it bind during this process, however a snug fit is best.

C Gently flex the sign face along the bottom edge weaving the substrate between the bottom keeper and the corner keepers sliding the substrate all the way down to the bottom until it rests on the lower frame rail.

D When the sign face is fully seated, use the small tab on the top rail to lock the sign face into place by gently flexing the top rail enough to "pop" the tab over the upper edge of the sign face to the opposite side.

Note: There are conveniently spaced screw bosses moulded into the frame rails on the top and bottom of the frame opening for accommodating top or bottom riders.



Countertop Stand Assembly

The three posts on the countertop stand are tapered to accommodate either corrugated plastic, cardboard, and even foam-core sign substrates.

Simply line up the posts with the flutes in the corrugate or push into the foam of a centre core sign face.



Large A-Frame Assembly

The Large A-Frame & Small A-Frame share the same basic assembly process. Both units utilize 2 identical moulded A-Frame units and 2 identical length bungee cords. The larger A-Frame comes with one snap off "dog bone" extender (moulded onto the lower leg) utilized for building wider sign displays. The larger A-Frame features an additional 10mm wide channel along the A-Frame sides for accommodating thicker substrates.

Standard Assembly

A Lay both A-Frame units on a flat surface with the substrate channels facing up. Attach one of the bungee cords to both the top and bottom cleat on one of the units. On the other unit attach the bungee cord to the top cleat only, leaving one bungee end LOOSE for the next step.

Note: If you intend to make a wider display by using the "dog-bone" extender, please review the bungee cord attachment procedure in step D.

B Working with the first A-Frame unit that has the bungee cord attached at both ends, insert the two substrate panels into the appropriate channels on the long sides of this A-Frame unit. Place the second A-Frame unit over the upright sign face substrates, fitting the edges into the same size channels as the first A-Frame unit. Allow the loose end of the bungee to hang down between the sign faces.

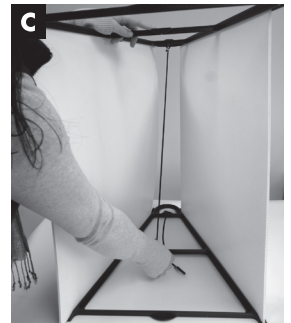
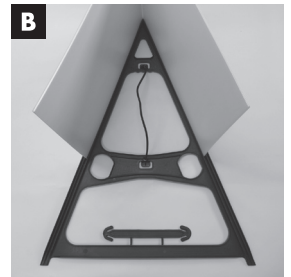
Hint: For ease of assembly, tape the top edges of the sign faces together to form a tent. This helps stabilize the assembly until the remaining bungee end loop has been attached.

C Place one hand on top of the upper A-Frame unit to hold it stable. With your other hand, reach through the loop of the lower bungee cord and grab the end of the loose bungee. Pull the loose end back through the lower bungee loop being careful not to let go of it. Bring it up to meet the unused cleat on the upper A-Frame unit. Attach the bungee to the cleat and your assembly is complete. When fully assembled, the bungees will look as if crisscrossed in the middle forming a large "X". Make sure there is sufficient tension created with the bungee cords to firmly secure the sign faces in place.

Using the "Dog Bone" Extender for wider displays

D To accommodate wider substrates, the dog bone "extender" is used to hook the bungee cords to one another instead of looping them together. This assembly requires that each A-Frame unit has the bungee cords attached to both the top and bottom cleats on each of unit. Use the dog bone to hook the looped bungee cords together.

Important Reminder: When using corrugated substrates, orient the corrugations horizontally.



Small A-Frame Assembly

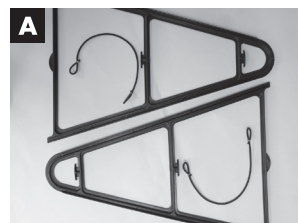
The Small A-Frame design affords many possibilities for constructing a variety of sign shapes and sizes. The method of assembly illustrated here works for most common applications.

A Lay both A-Frame units on a flat surface with the substrate channels facing up. Attach the two bungee cords to each end cap as shown leaving the end loop of one bungee cord not attached.

Note: Both the end caps and bungee cords are identical.

B Lay the end cap with the bungee cord hooked at both ends on a flat surface. Insert the substrate panels into the appropriate channels on the long sides of this unit. Place the other end cap over the sign panels inserting the substrate edges into the end cap channels as before.

Hint: For ease of assembly, tape the top edges of the substrates together forming a "tent".



C Place one hand on top of the assembly to steady it. Reach underneath the bottom bungee with the other hand and firmly grasp the dangling end of the upper bungee pulling it back through the lower bungee.

Bring the loose bungee end upward attaching it to the empty cleat on the upper end cap.

D The bungees should appear like a large "X" as shown.

Tip: Instead of taping the upper edges of individual sign faces together, just leave the corrugated substrate in one piece and simply score it at the centre and bend along the scored line to form a tent. This technique results in a very easy and stable assembly.

Very Important: When using corrugated substrates, orient the corrugations horizontally.