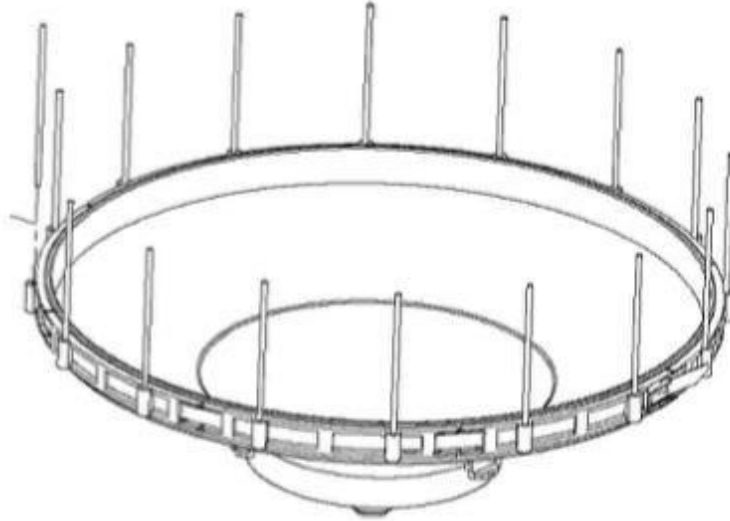

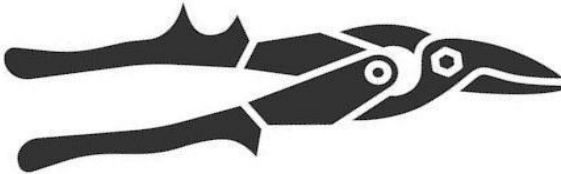


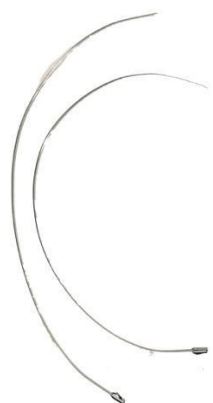


WS-5000-RAINSPIKE Bird Spike Kit for WS-5000 Rain Gauge Funnel Kit



Suggested Tools

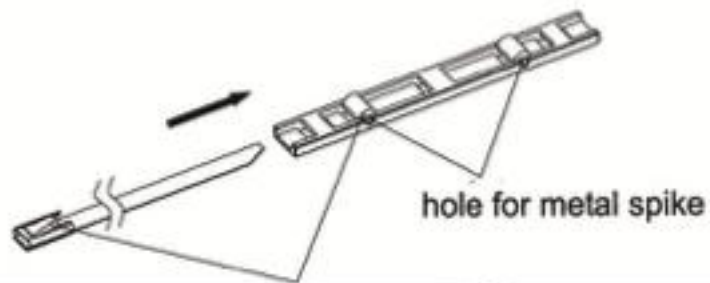
QTY	Description	Image
1	Needle nose pliers	
1	Snips	

Included:

Qty	Description	Image (not to scale)
4	Self-locking Stainless Steel Zip Ties 2 are needed 2 are spares	
10	Flexible Silicone Strips 8 are needed 2 are spares	
20	Stainless Steel Spike 16 are needed 4 are spares	

Step 1: Insert Stainless Steel Zip Tie into Four of the Silicone Strips

- Make sure all of the holes on the Silicone Strips, for the Stainless Steel Spikes, are facing the same direction.


Figure 1

Step 2: Insert 1 Self-locking Stainless Steel Zip Tie about 1 inch onto the 2nd Steel Zip Tie(Figure 2). Zip Tie #1 holds 5 Silicone Strips. Zip Tie #2 holds 3 Silicone Zip Ties.



Figure

2

Step 3: Make the rain spike strip into a circle and insert the pointed end of the Stainless Steel Zip Tie into the self-locking clip of the other Stainless Steel Zip Tie

- **DO NOT FULLY TIGHTEN. Leave some slack for Step 4**

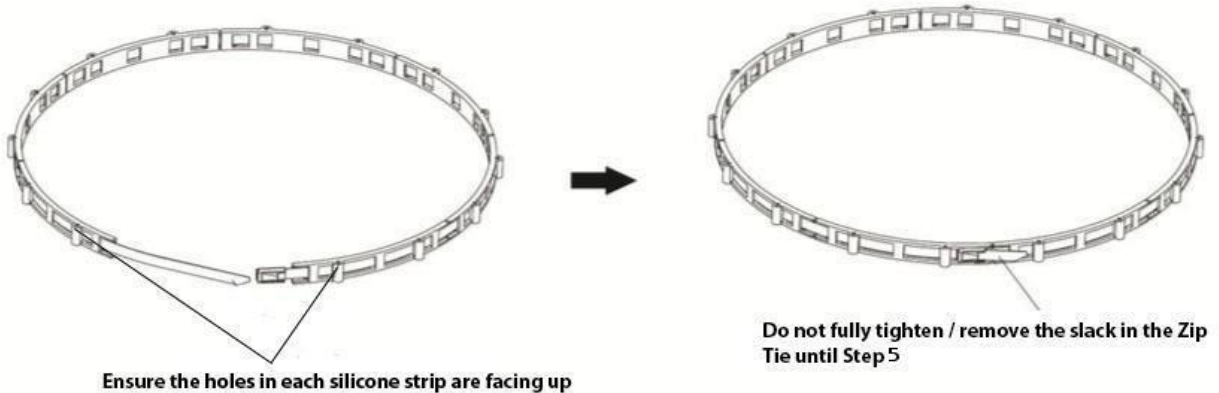


Figure 3

Step 4: Place the circle over the rain funnel.

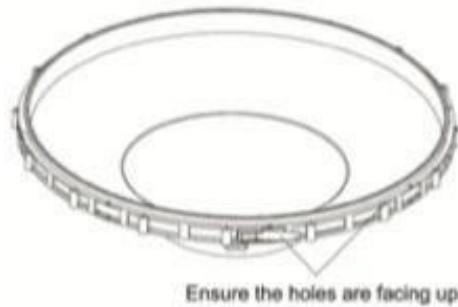


Figure 4

Step 5: Using your needle nose pliers, firmly grab the tip of the Stainless Steel Zip Tie sticking through the locking clip. Tighten the Stainless Steel Zip Tie around the funnel by rotating the pliers, with Zip Tie firmly gripped between the pliers, away from the locking clip.

- **If your funnel is the same configuration below, with Zip Tie pointing right and holes for Spikes facing up, you would rotate your wrist clockwise**

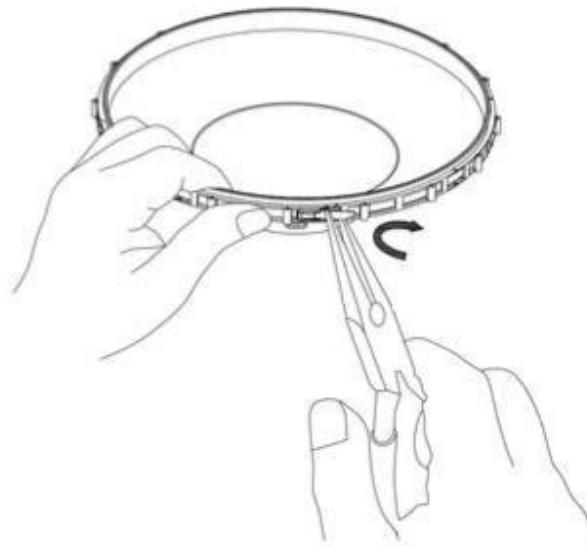


Figure 5

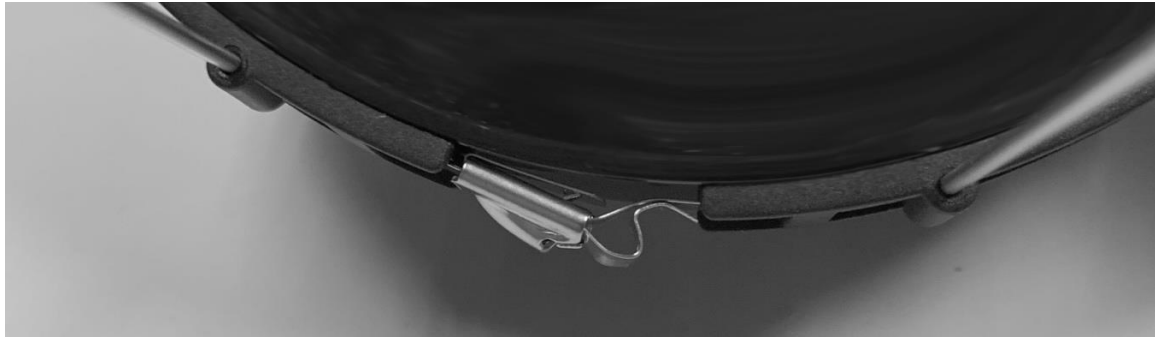


Figure 6

Step 6: Using the Snips, cut the excess of the Stainless Steel Zip Tie after it is tightened onto the rain funnel (Figure 7)



Figure 7

Step 7: Place the Stainless Steel Spikes into each hole of the Silicone Strip.

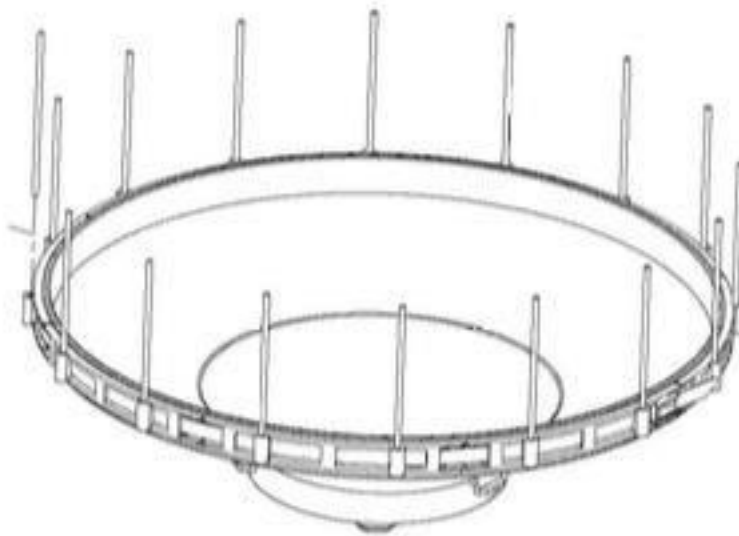


Figure 8

Step 8: Using the pliers, bend the Spikes over the opening of the rain funnel to prevent birds from nesting inside the funnel. Note, you will need to apply pressure to the silicone strips (Figure 9) to prevent the Spikes from ripping the silicone mate **Note: Some customers prefer to bend the spikes before placing into the silicone strips

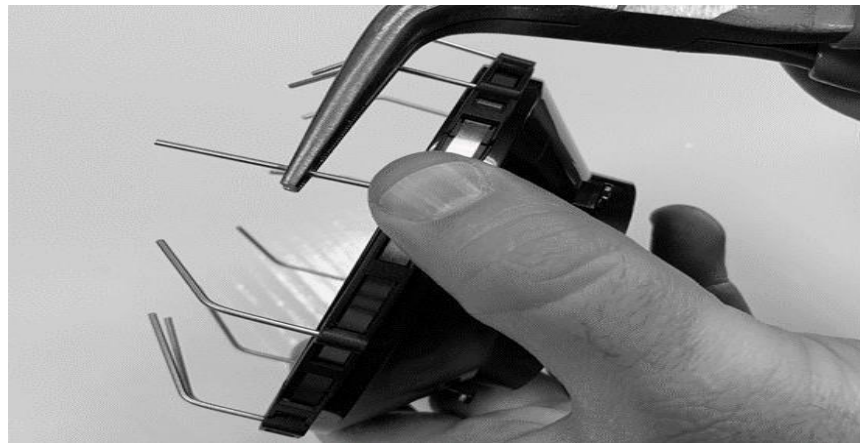


Figure 9

Step 9: Install the rain gauge funnel, spikes attached, into the sensor array. Rotate the funnel clock wise to attach to the sensor array.



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Troubleshooting

For troubleshooting, please visit: <https://ambientweather.net/product/ws-5000?s=>

