

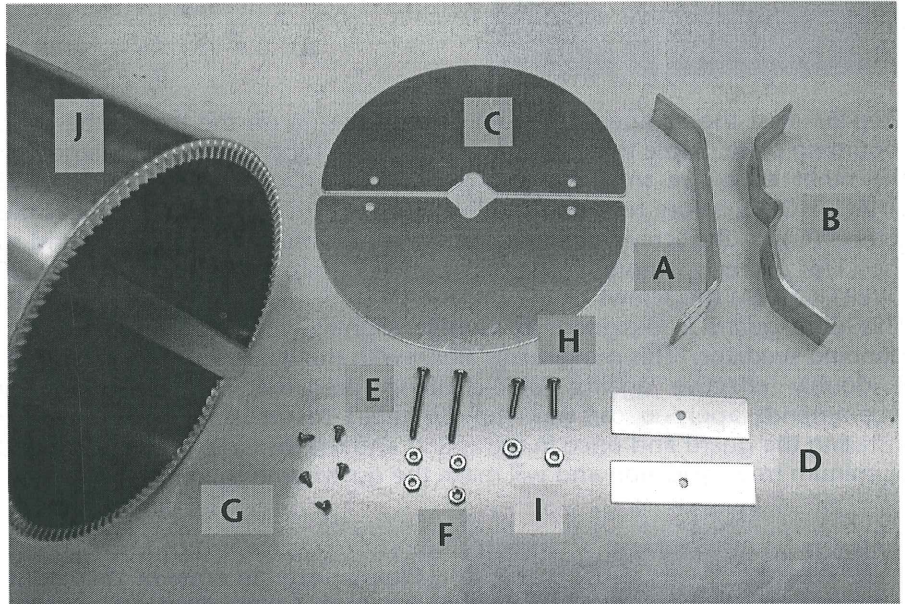
Pole Guard B Assembly Instructions

For Bluebird Poles

Thank you for purchasing this product from the PMCA. We're glad to have you as a partner in martin conservation. Your purchase helps support the education, conservation, and research projects of the PMCA, a nonprofit organization. We hope this product will give you many years of use!

Parts List

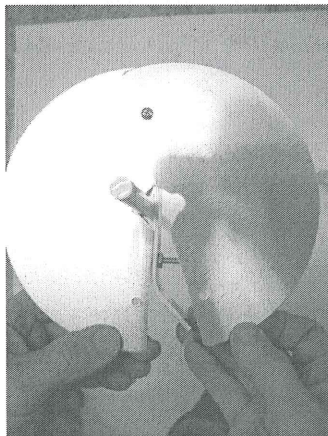
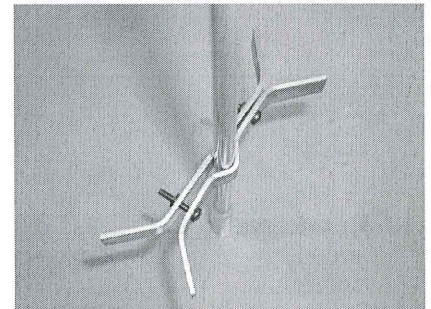
Part	Q'ty	Description
A	1	Flat aluminum clamp piece
B	1	Bent aluminum clamp piece
C	2	Aluminum top halves with 7/16" hole
D	2	Aluminum stabilization plates
E	2	8-32 x 1-1/2" stainless steel machine screws
F	4	8-32 stainless steel nuts
G	5	6 x 1/4" Phillips sheet metal screws
H	2	10-24 x 1" stainless steel machine screws
I	2	10-24 stainless steel nuts
J	1	aluminum tube



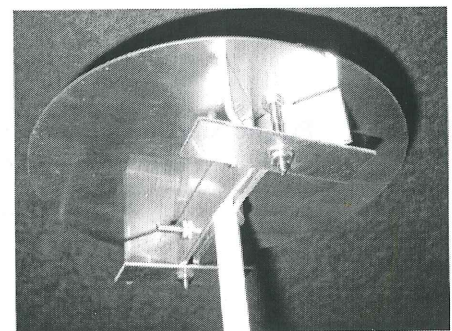
Assembly Instructions:

Please read completely before beginning!

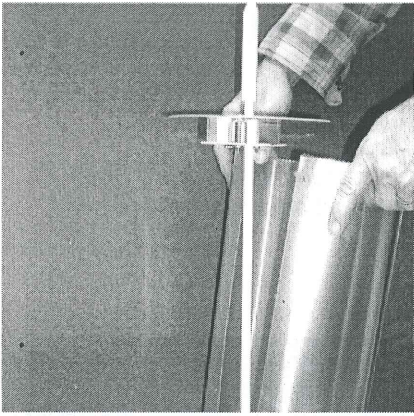
Step 1. Attach the flat clamp (A) and bent clamp (B) at the chosen mounting height (ideally about 4' above the ground) on the bluebird pole using the two 10-24 x 1" stainless steel screws (H) and two 10-24 stainless steel nuts (I).



Step 2. Using the two 8-32 x 1-1/2" stainless steel screws (E), assemble the two top halves (C) together forming an overlapping circle over the mounted clamp pieces. When overlapped, these two top halves will form a circular disk. Snug the screws down, using one 8-32 nut (F) per screw. Screws should be pointing toward the ground after installation on the pole, and between the ends of the two clamp pieces as shown in the photo.



Step 3. Attach the two stabilization plates (D) to the underside of the clamp pieces (A & B) using the same two 8-32 x 1-1/2" (E) screws that were used to attach the top halves. Secure the stabilization plates with the remaining 8-32 stainless steel nuts (F).



Step 4. There is a right way and a wrong way to mount the aluminum tube (J) on the mounted clamp and top halves. Doing it the wrong way could permanently distort and crease the tube. **The right way:** with the crimped end of the tube up, place it around the pole BELOW the mounted clamp assembly by spreading it open NO MORE THAN THE DIAMETER OF THE POLE! It should now slide up over the mounted clamp assembly by spreading it open only about an inch or two. The wrong way: IF YOU ATTEMPT TO SPREAD THE TUBE OPEN the entire amount necessary to fit directly over the clamp assembly, you could bend and permanently distort the tube.

Step 5. Rest the crimped upper lip of the tube (J) on the top of the circular mounting plate. Note that one long edge of the tube contains five large holes, the other edge five small holes. THE LARGE HOLES MUST OVERLAP THE SMALL HOLES before receiving the five 6 x 1/4" Phillips pan head sheet metal screws (G), or the screws will strip out the metal. Align the five holes and start the 1/4" screws through the large holes, into the small. DO NOT OVERTIGHTEN the screws or the metal may strip. Assembly is now complete. This pole guard is designed to wobble slightly when touched by a pole-climbing predator. This movement, along with the guard's slick surface, makes it doubly effective against pole-climbing predators. The manufacturer recommends applying car wax (or carnauba) to the aluminum tube when installing the guard and once in the spring and fall thereafter. This protects the aluminum from oxidation and will make the guard even more effective.



Photo by Steve Kroenke

Please note: In areas of the country with large snakes, a net trap may be needed in addition to a pole guard! Simply wrap and secure "bird netting" around the pole; the photo depicts this net trap under the rope winder. See *Purple Martin Update 12(4)* for more details.

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