

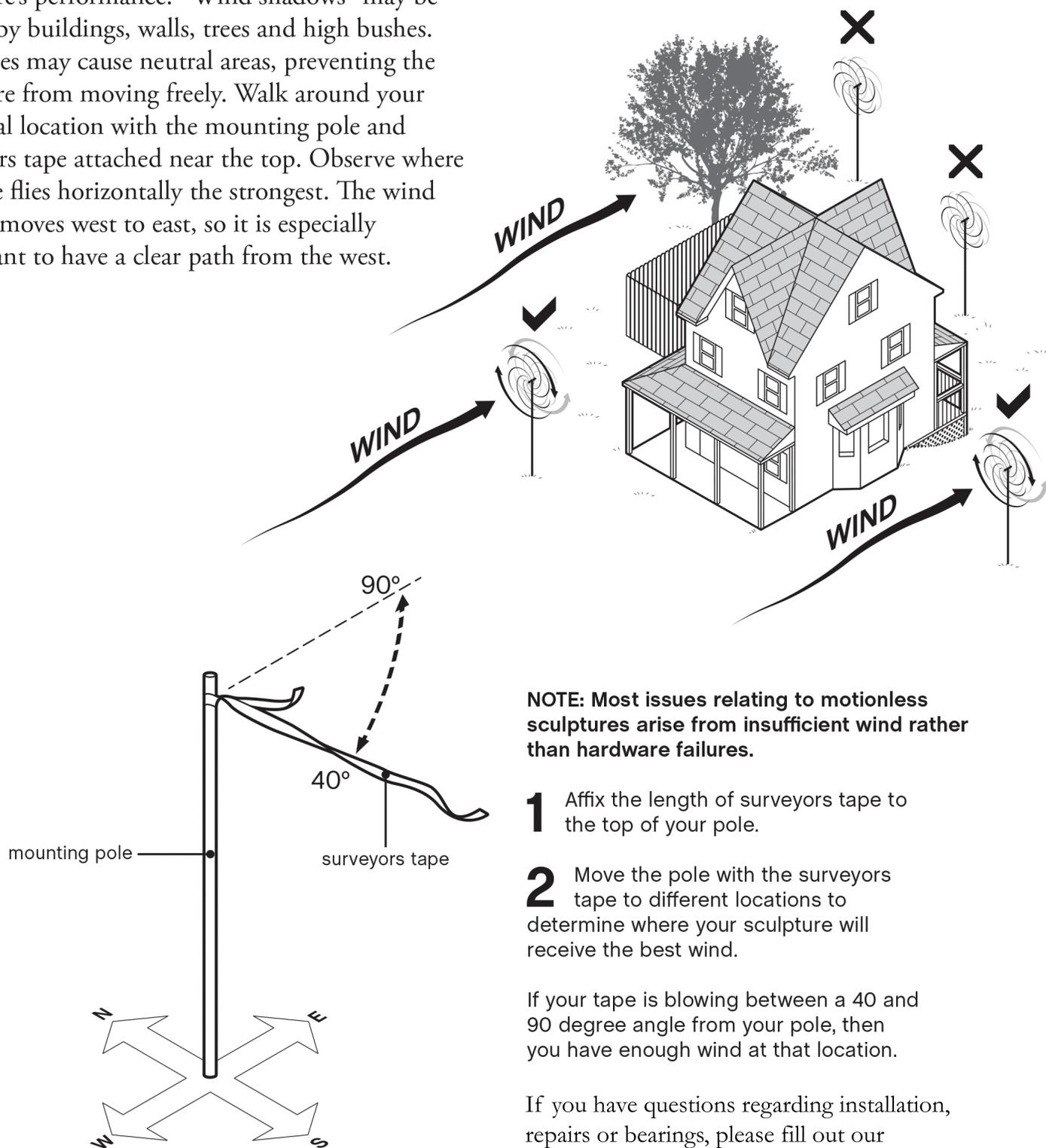
# Find the Best Location for Your Sculpture

The sculpture is kinetic and wind driven. Selecting the right location will determine its performance. Wind currents, like water in a stream, occur in pools, eddies and steady currents—varying the sculpture's performance. "Wind shadows" may be caused by buildings, walls, trees and high bushes. Obstacles may cause neutral areas, preventing the sculpture from moving freely. Walk around your potential location with the mounting pole and surveyors tape attached near the top. Observe where the tape flies horizontally the strongest. The wind usually moves west to east, so it is especially important to have a clear path from the west.



**Do not place your sculpture too near objects that can block wind flow.**

These include walls, trees, or fences.  
Find a gentle wind current.



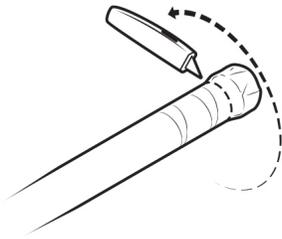
**NOTE: Most issues relating to motionless sculptures arise from insufficient wind rather than hardware failures.**

- 1** Affix the length of surveyors tape to the top of your pole.
- 2** Move the pole with the surveyors tape to different locations to determine where your sculpture will receive the best wind.

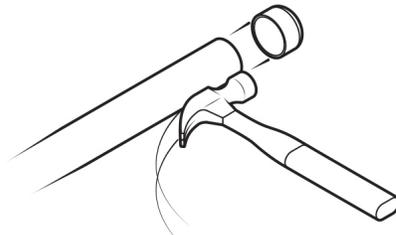
If your tape is blowing between a 40 and 90 degree angle from your pole, then you have enough wind at that location.

If you have questions regarding installation, repairs or bearings, please fill out our "Warranty and Repair Form" at [markwhitefineart.com/warranty-repair-form](http://markwhitefineart.com/warranty-repair-form)  
For all other questions, please email [info@markwhitefineart.com](mailto:info@markwhitefineart.com)

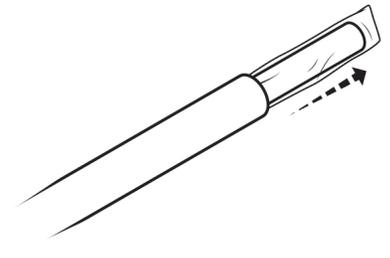
# Install Ground Stake



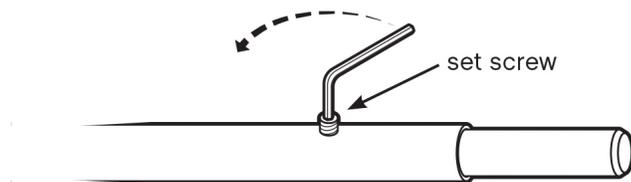
**1** Cut the tape around the red line as indicated on the sticker.



**2** Tap the exposed cap off of the PVC tube with a hammer.



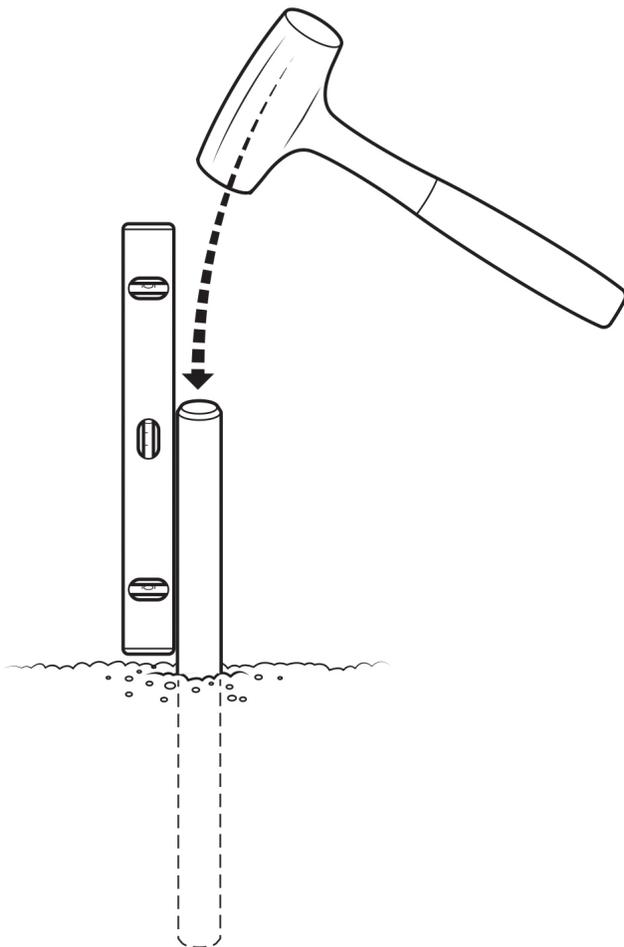
**3** Remove your pole from the PVC Shipping tube.



**4** Loosen the set screw at the base of your pole using the provided Allen wrench.



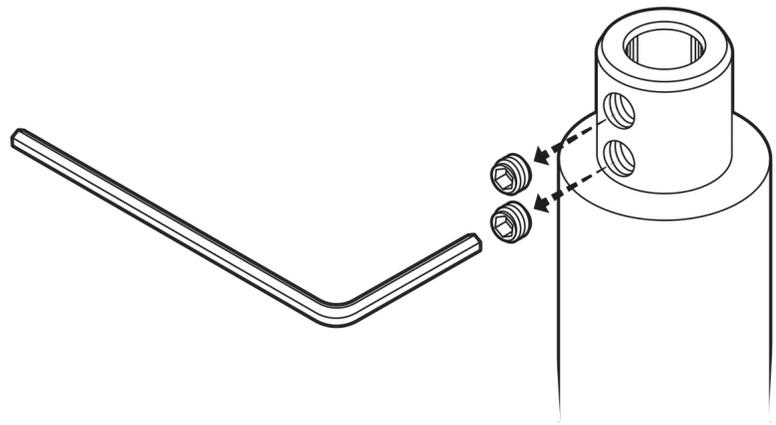
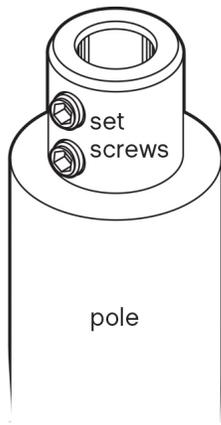
**5** Completely remove the ground stake tucked within it.



**6** Using a mallet or sledge hammer, drive your ground stake at least half-way into the ground. Use a level to get it straight. If the ground is hard, drive a pilot hole or soak the area with water overnight. Be careful not to mushroom the end of the stake while hammering or else the pole will not slip over the ground stake. If the ground stake does mushroom, try flipping the mushroomed side into the ground.

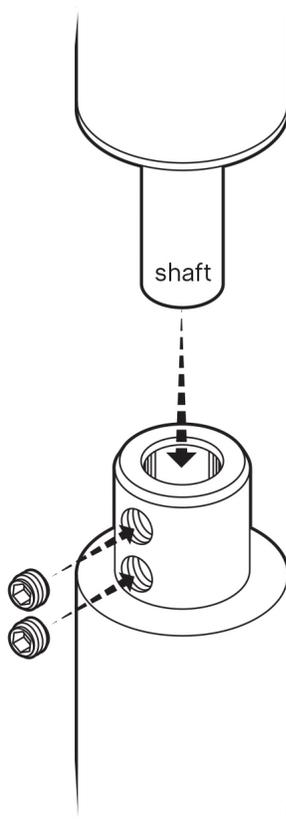
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# Place Sculpture onto Pole

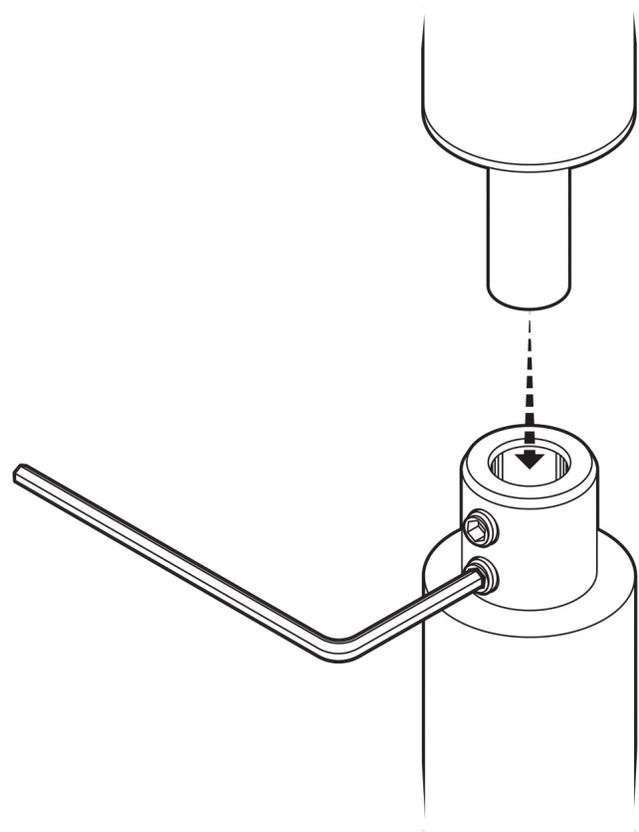


**1** Once you've installed your ground stake and pole, notice the small set screw at the top. It should be semi-exposed, sticking out from the pole top opening.

**2** Remove these set screws from the top of your pole with the included Allen wrench and set them aside.



**3** Insert the shaft of your wind sculpture into the pole opening.

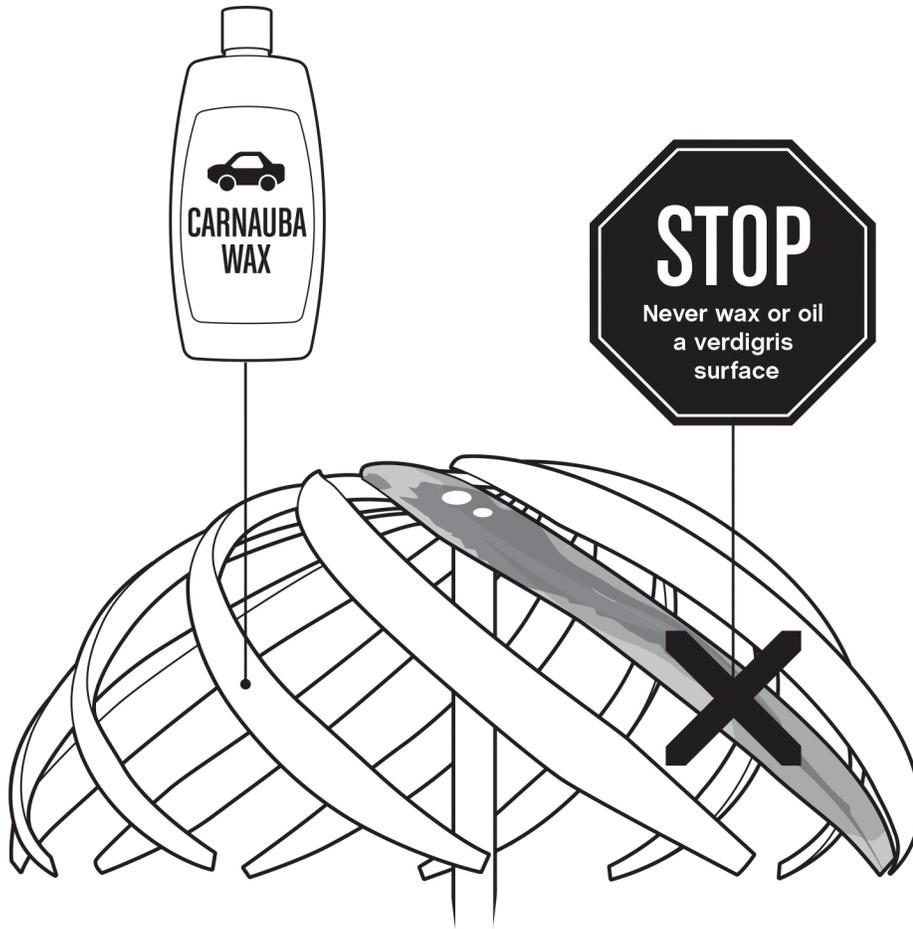


**4** Replace the small set screws into the holes and tighten them using the Allen wrench.

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# Sculpture Maintenance

Mark  
White



Nature is hard on outdoor finishes. Paint, patina and dye will undergo natural changes, resulting in an aged appearance over time. The finish on your outdoor sculpture contains the very best ultraviolet protection and corrosion inhibitors available. Good maintenance will help retain a new appearance.

Applying quality car/carnauba wax 1-2 times a year will help maintain its original luster. Do not apply wax to blades that have a verdigris patina! Carnauba wax should only be applied to; Bronze, Stainless Steel, Red, Purple, or Teal blades.

**⚠ Never wax a verdigris finish or lubricate the bearing!**

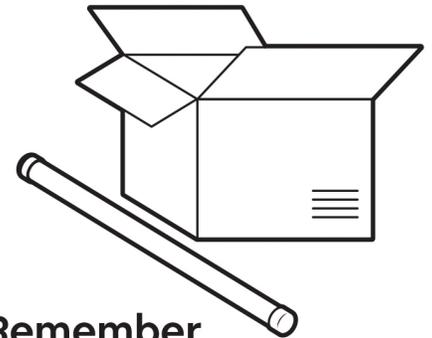
Wax or oil will permanently discolor the verdigris finish.

We advise bringing your sculpture in during periods of extreme weather. These measures will extend the life of your kinetic sculpture.

Mark White Kinetic Studio offers a LIFETIME WARRANTY on the Kinetic Drive-Train of all Kinetic Wind Sculptures.

The Kinetic Drive-Train is composed of; bearings and solid center rod. All bearings are 100% stainless steel, pre-lubricated, and sealed. (aerospace graded)

The warranty does not cover: Natural patinas and aging of the copper blades and surface oxidation of stainless steel components. Damage or malfunction caused by external factors such as but not limited to; tree branches, lawnmowers, flying debris, etc. Failure to read and follow the provided instructions will void the warranty.



## Remember

Save your sculpture's packaging for a few weeks just to be sure there is no cause for return. If you have any difficulty or questions, please call the gallery from which you purchased the sculpture.

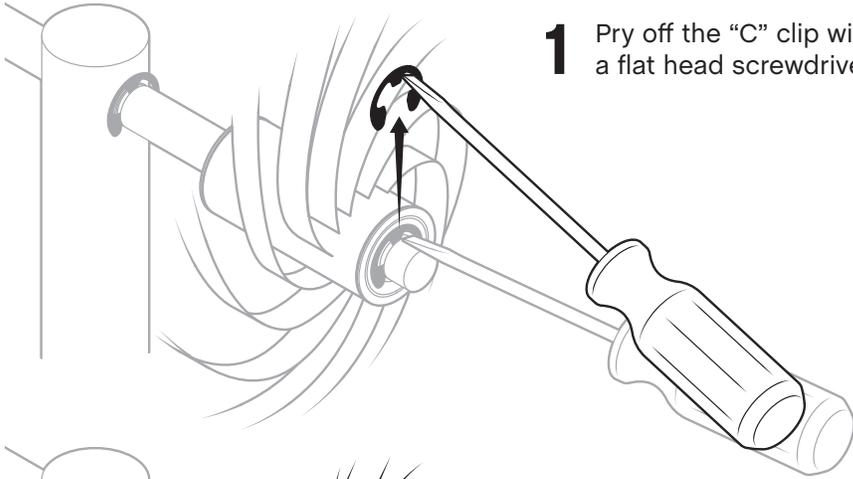


**Thank you and enjoy your sculpture!**

*Mark and Sue White*

# Replace Bearings

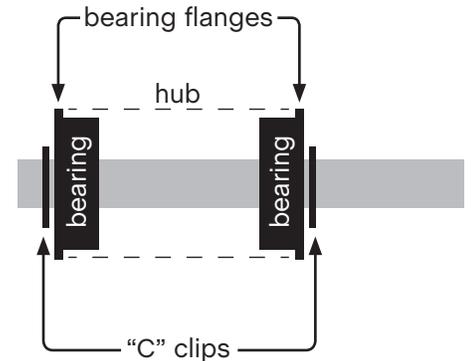
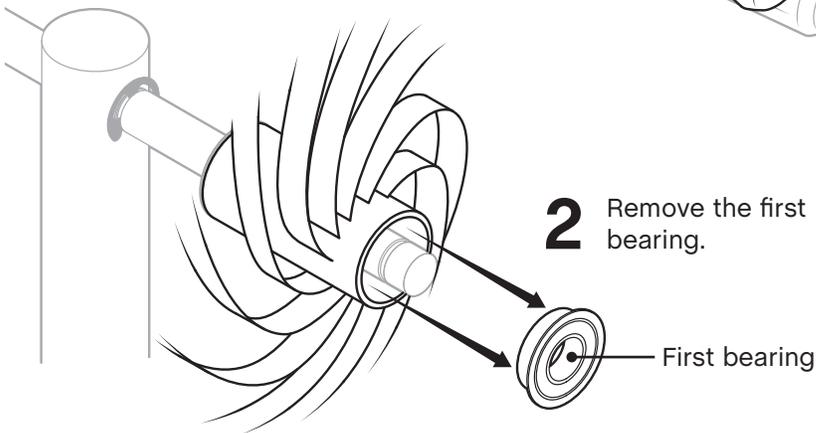
- 1** Pry off the "C" clip with a flat head screwdriver.



"C" clip



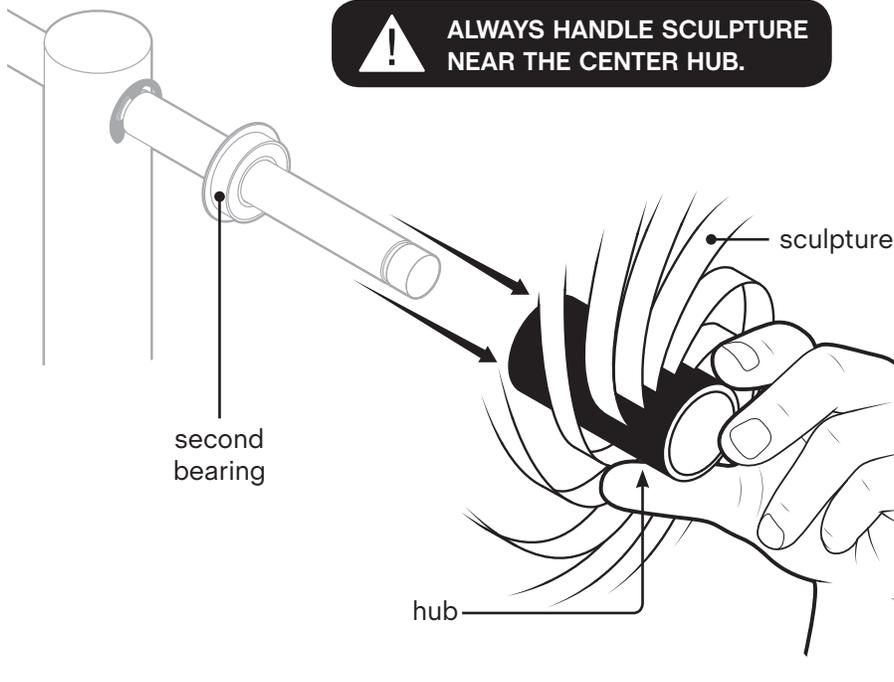
- 2** Remove the first bearing.



- 3** If necessary, remove the hub and sculpture.



**ALWAYS HANDLE SCULPTURE NEAR THE CENTER HUB.**

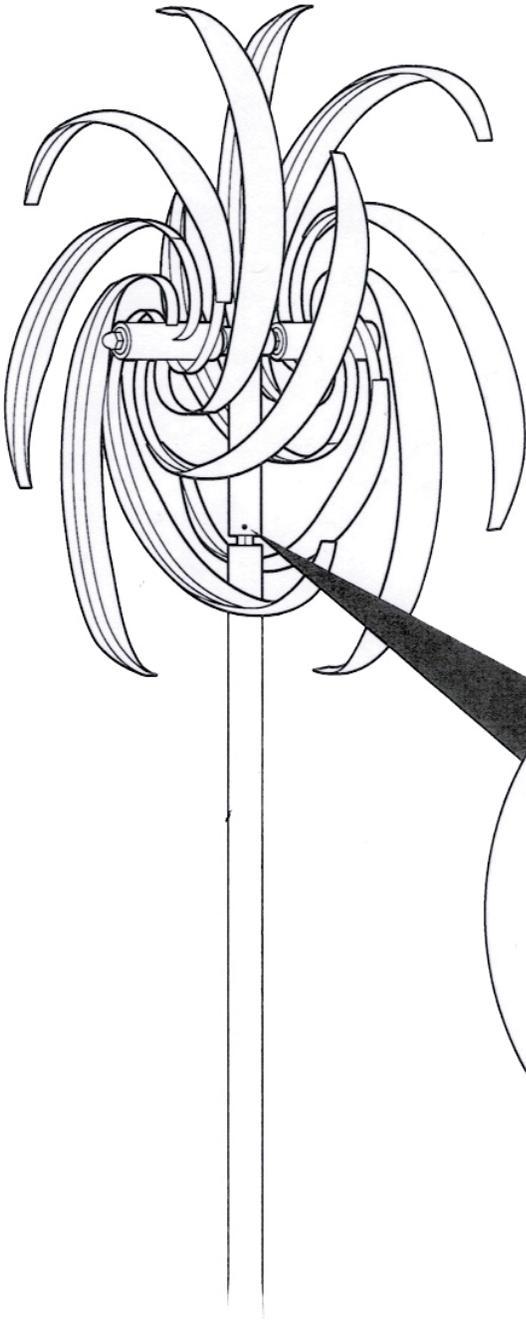


- 4** When reassembling, make sure the flange, or the widest rim of each bearing, faces away from the center of the hub.

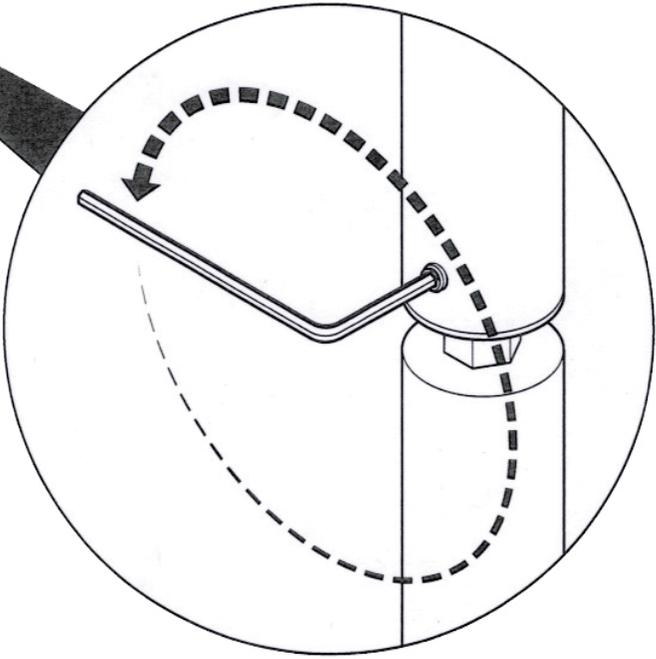
Also, make sure the "C" clip is fully in place so it can't pop off.

# Unlock Set Screw to Allow Rotation

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Your sculpture ships with this set screw fully tightened. Unscrew one full turn using the included Allen wrench. This allows the sculpture to rotate in the wind as intended.

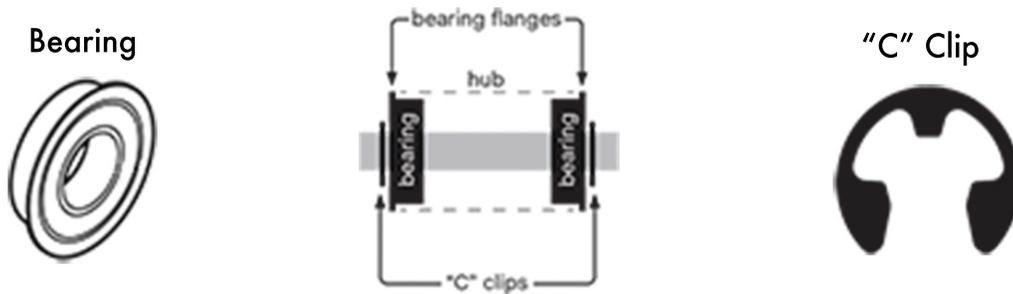


# Orb Assembly Instructions

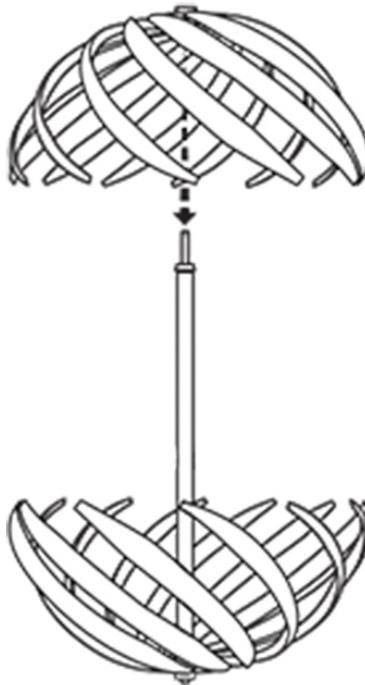
**Step 1.** Set the two bowl shaped halves onto a padded surface.



**Step 2.** The solid rod with bearings will come pre-assembled. To attach the two rotating halves, please remove the "C-Clips" and bearings from the rod.  
**Please take note of the order these parts are assembled.**



**Step 3.** Slide the solid rod through the center hub of one half of the sculpture, placing a bearing on top and bottom. To hold into place insert a C-Clip into the groove on the rod, just below the bearing.



**Step 4.** Repeat Step 3 for the bottom section of the sculpture. Again, using a C-Clip below the bearing to hold the section in place.

*You are now ready to set up your wind sculpture. Please refer to instruction packet for ground stake installation and pole set up.*