



Assembly Manual and User Guide

CompoSpin Sphere, Standard Base and Optional Base



BEFORE YOU BEGIN, MAKE SURE YOU CAREFULLY READ AND UNDERSTAND THE INSTRUCTIONS IN THIS MANUAL.

Please follow the instructions in the order presented in this manual and be sure to observe all warnings and cautions. Allow at least 30 minutes to assemble the CompoSpin.

If you have any questions or problems, please contact:

Customer Service at (877) 407-9100 EXT 1



Systems Trading Corporation

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Email: customerservice@ecomposter.net www.ecomposter.net

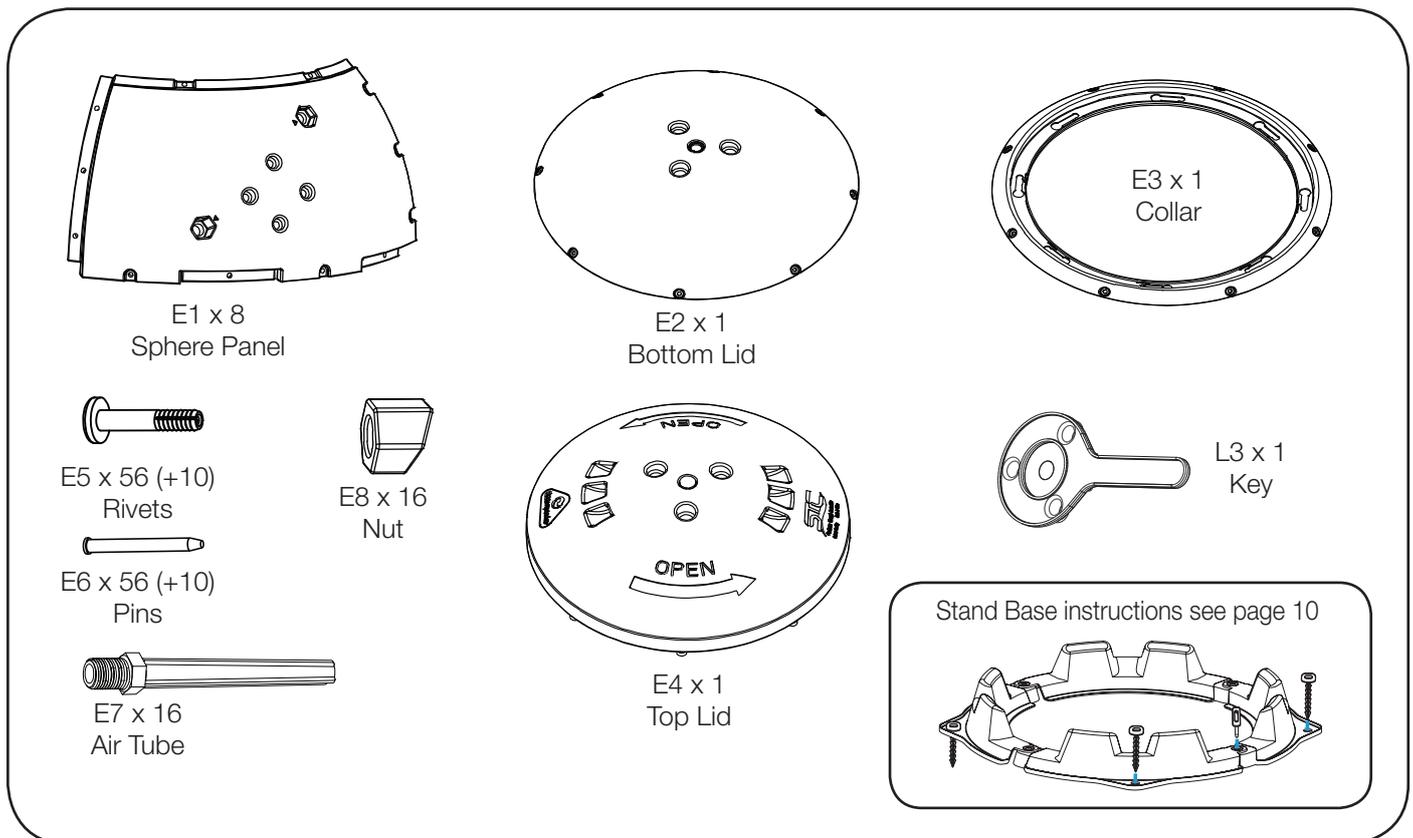
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Step 1: Unpack CompoSpin Sphere

Unpack CompoSpin and make sure you have the following components to assemble the sphere. If you are missing any components, please contact Customer Service at **(877) 407-9100 EXT 1**.

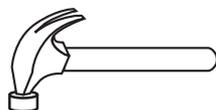
NOTE: We have included extra pieces for the E5 Rivets and the E6 Pins.



TOOLS NEEDED:



Phillips Screwdriver



Hammer

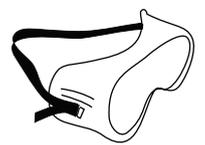


Gloves

RECOMMENDED TOOLS:



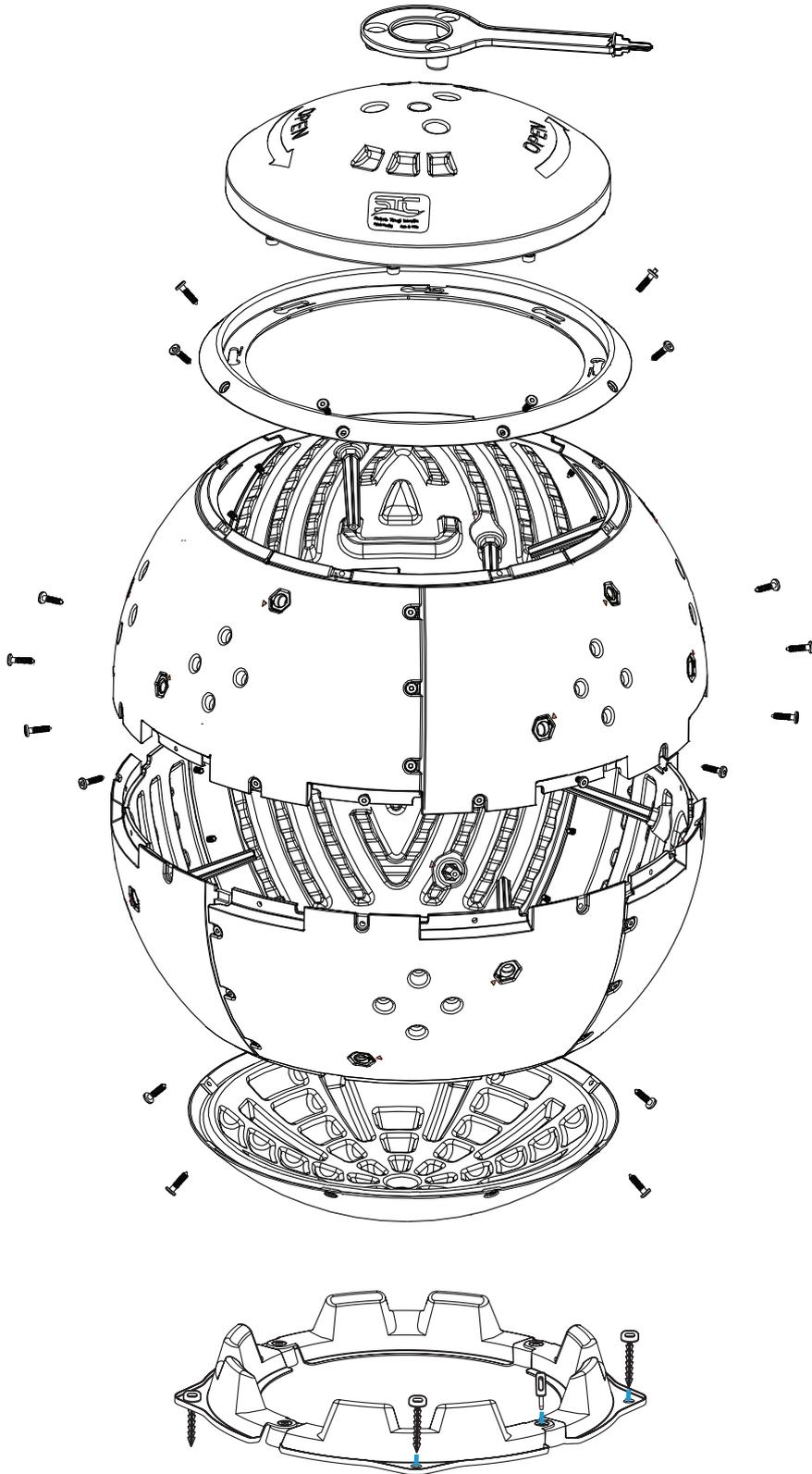
Rubber Mallet



Safety Goggles

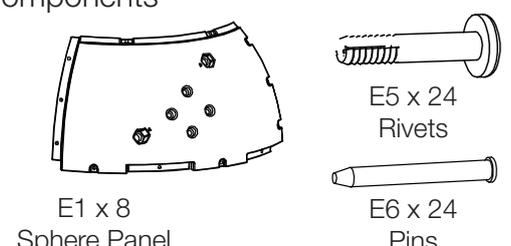
Exploded View

Please read the instructions very carefully



Step 2: Assembling the panels to create the 2 Half Spheres.

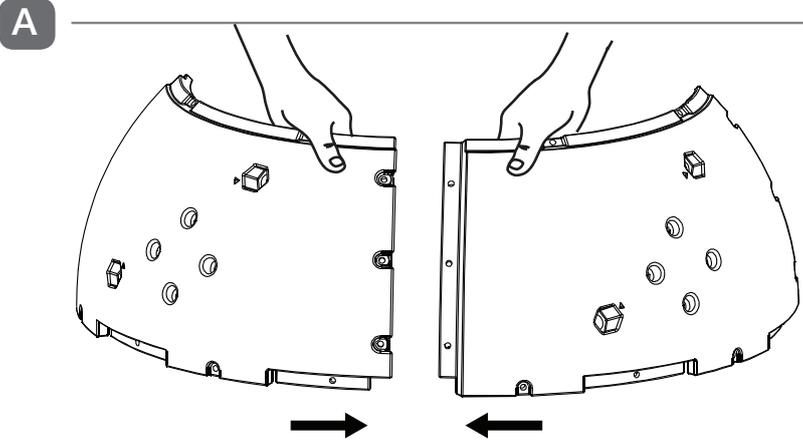
Components



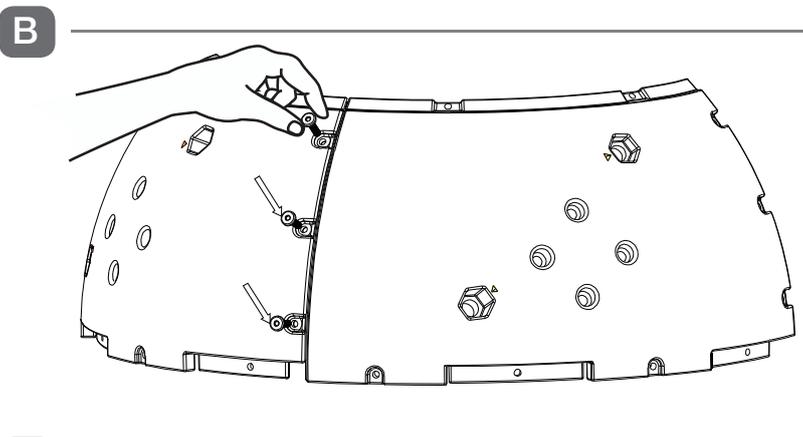
E1 x 8
Sphere Panel

E5 x 24
Rivets

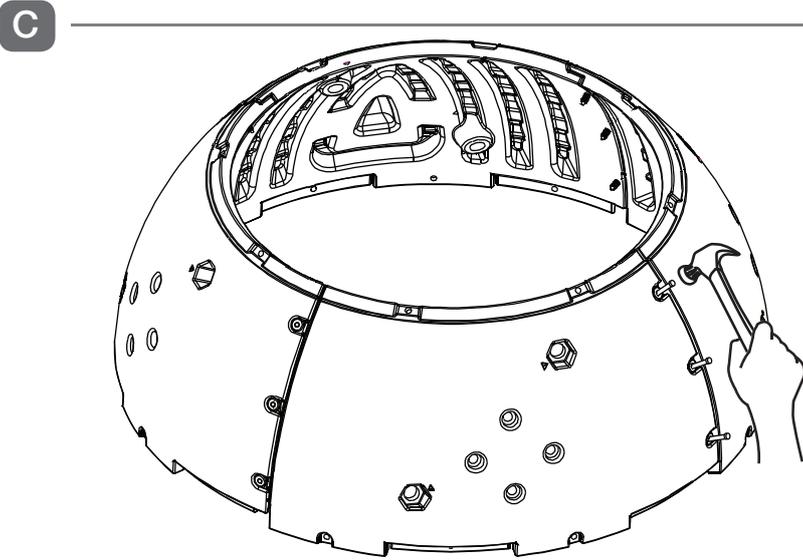
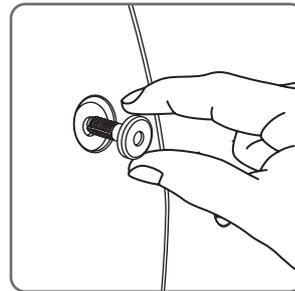
E6 x 24
Pins



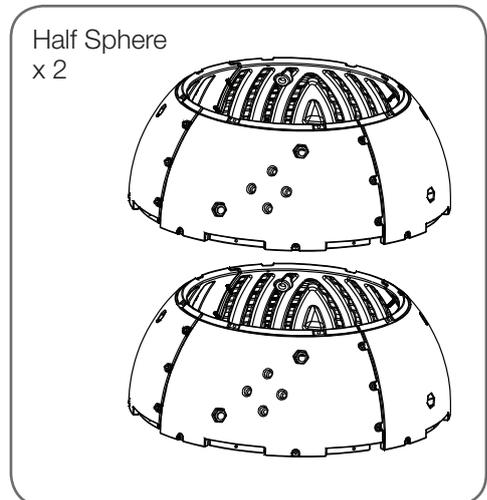
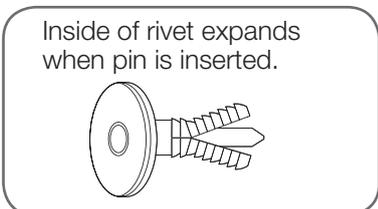
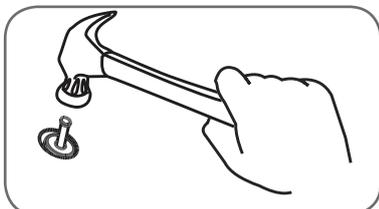
Assemble the first two Sphere Panels: Fit the side tabs of the first panel into the slots of the second panel.



Place 3 E5 rivets into the holes in the panel to hold the panels in place.

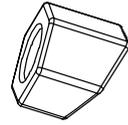


Repeat steps A and B to connect 4 panels. Place the E6 pins in the center of the E5 rivets and hammer the pins with a small hammer until flush. Then repeat steps A - C to assemble the second half of the sphere.



Step 3: Inserting the Air Tubes.

Components

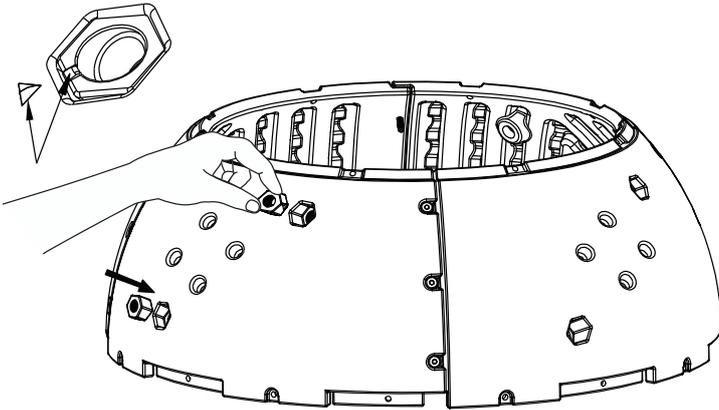


E8 x 16
Nut

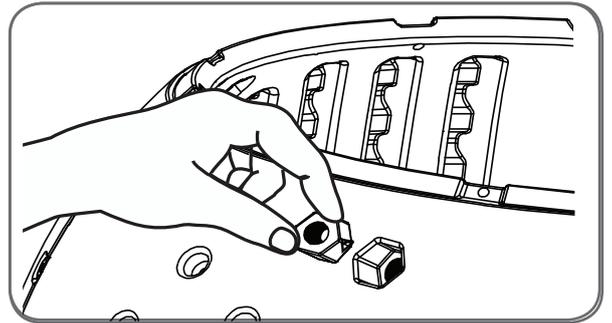


E7 x 16
Air Tube

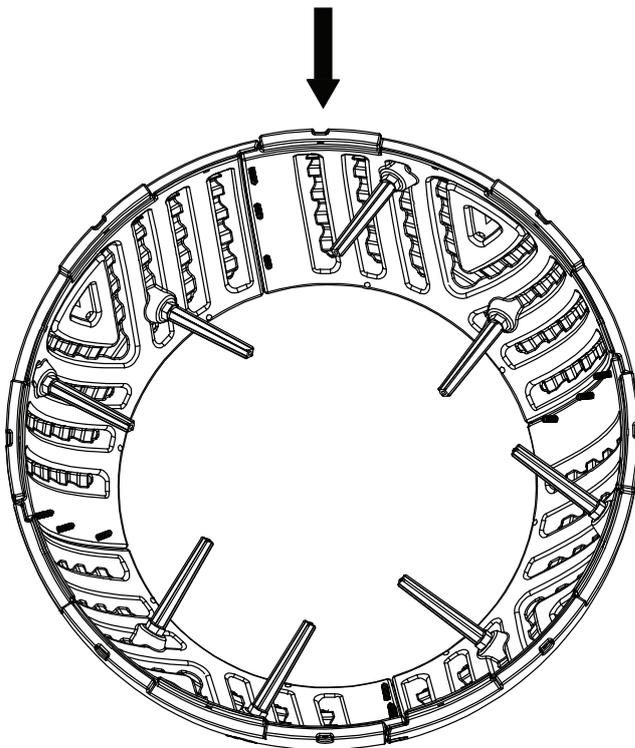
A



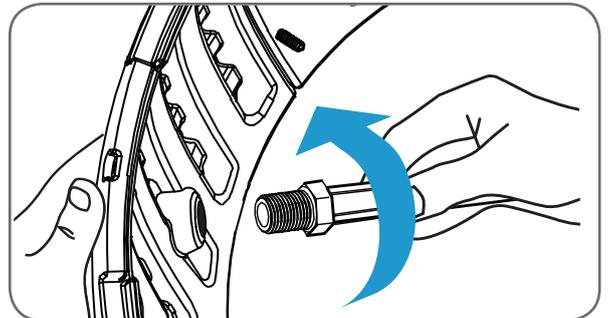
Insert a Nut into each hole, making sure the mark on the Nut aligns with the mark on the sphere.



B



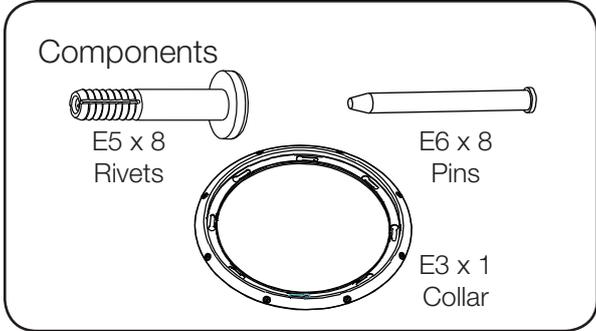
Screw the 8 Air Tubes into the nuts from inside the sphere.



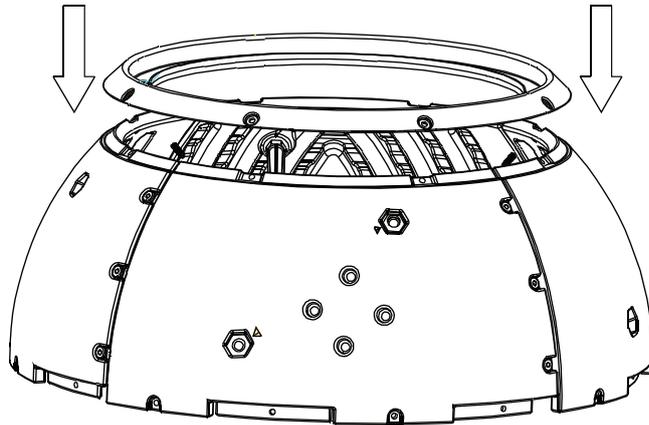
Repeat steps A and B to complete the second Half Sphere.

Step 4

Attaching the Collar to the Upper Sphere

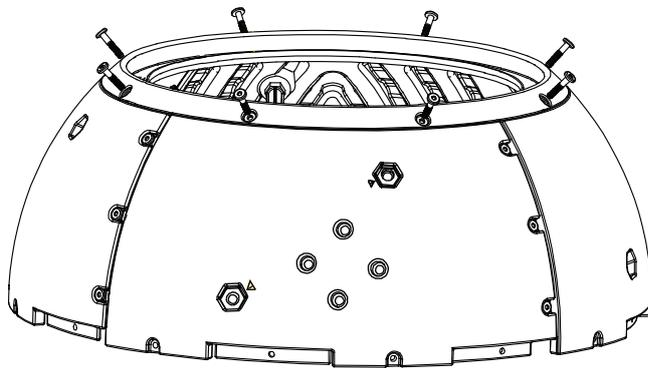


A

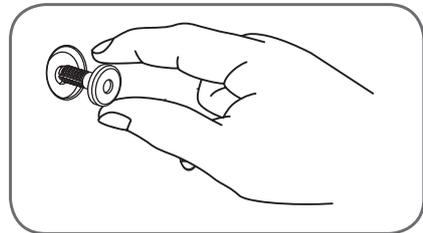


Place the Collar onto the Half Sphere, aligning the Rivet Holes.

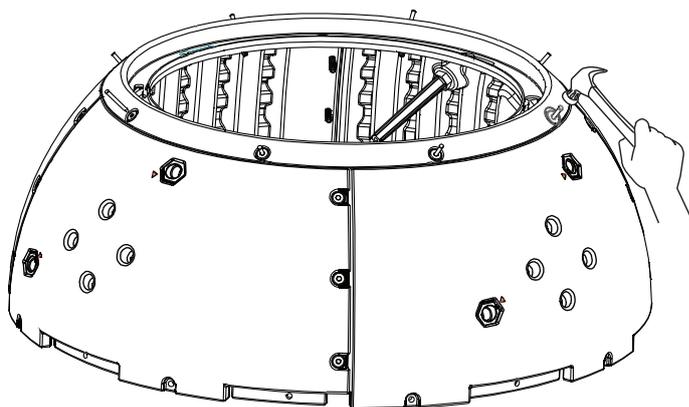
B



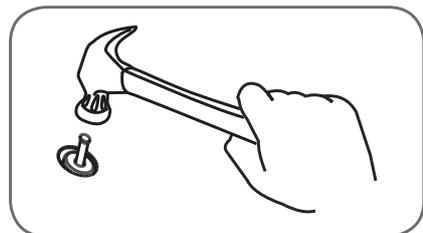
Place the E5 rivets into the holes to hold the Collar in place.



C

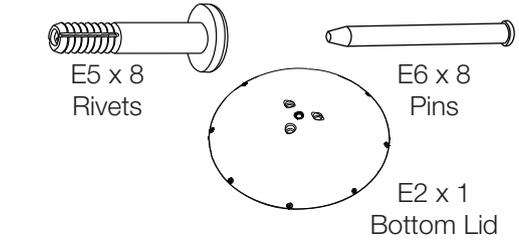


Hammer the E6 pins into the E6 rivets with a small hammer to secure the Collar.



Step 5: Attaching the Bottom Lid to the Lower Sphere.

Components

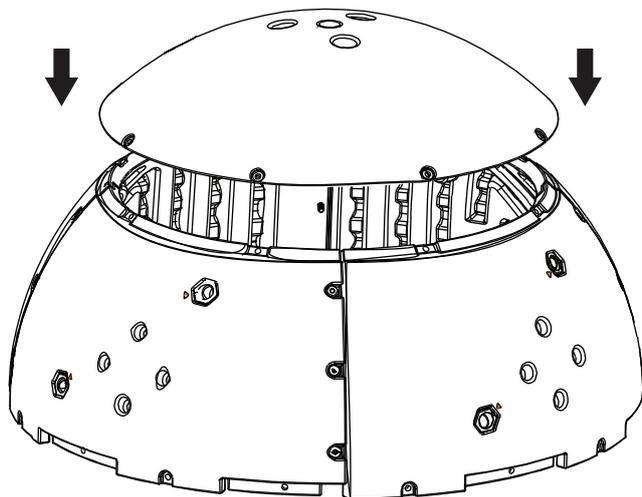


E5 x 8 Rivets

E6 x 8 Pins

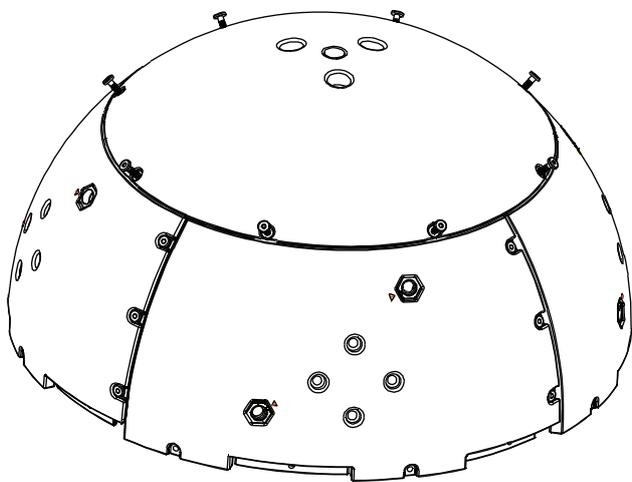
E2 x 1 Bottom Lid

A

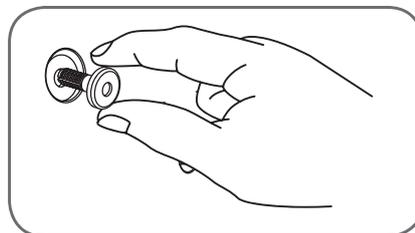


Place the Bottom Lid onto the lower Half Sphere, aligning the Rivet Holes.

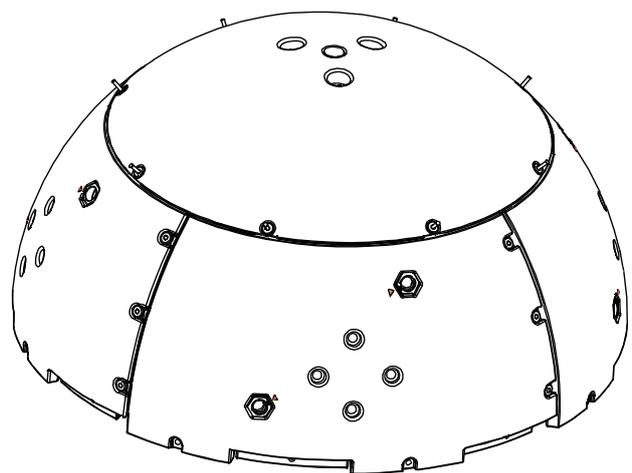
B



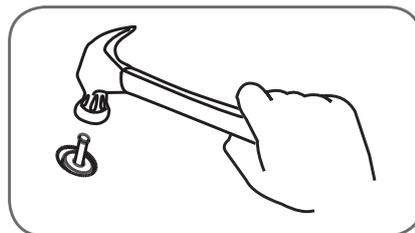
Place the E5 rivets into the holes to hold the bottom lid in place.



C

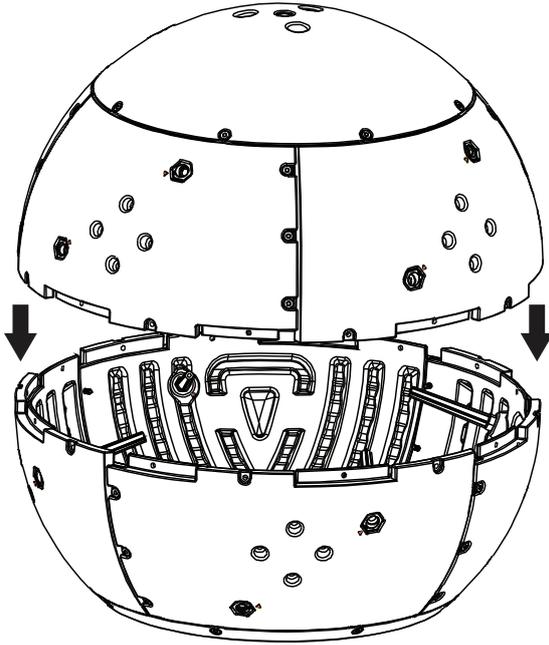


Hammer the E6 pins into the E6 rivets.

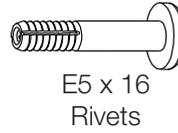


Step 6: Connecting the two Spheres.

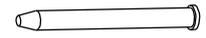
A



Components



E5 x 16
Rivets



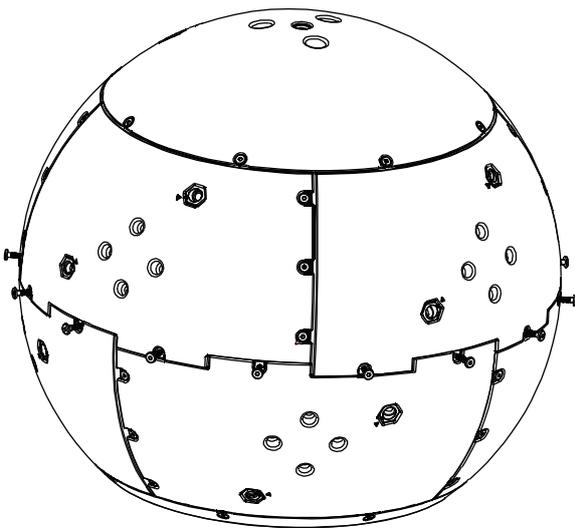
E6 x 16
Pins

Place the Top Half Sphere onto the bottom Half Sphere aligning the Rivet Holes.

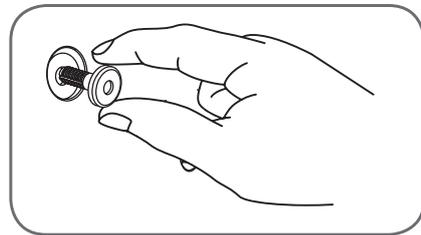
NOTE:

Make sure the seams of the Top Half Sphere and the Bottom Half Sphere are **not** aligned !

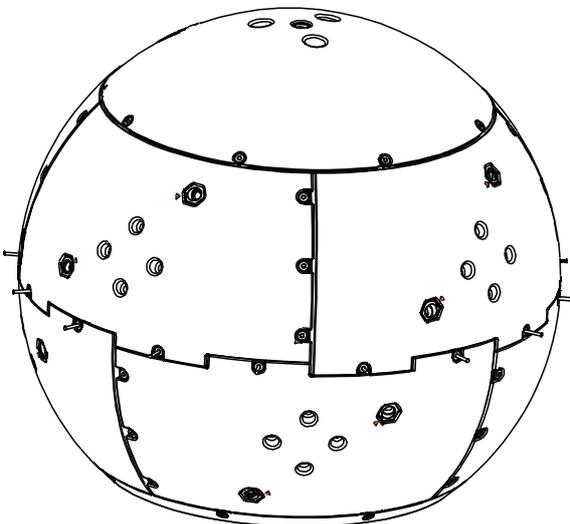
B



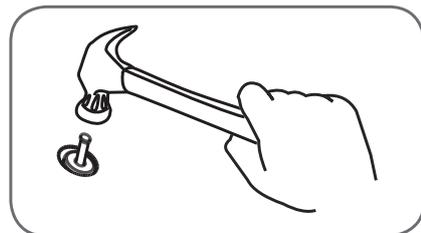
Place the E5 rivets into the holes to hold the two half-spheres in place.



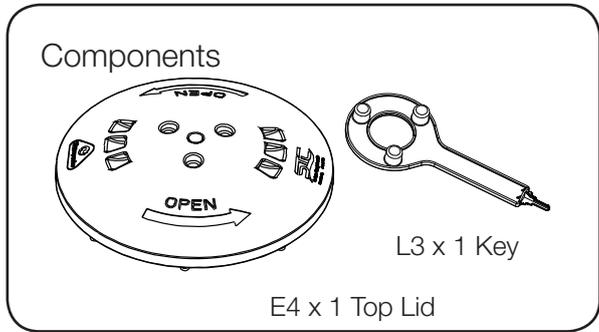
C



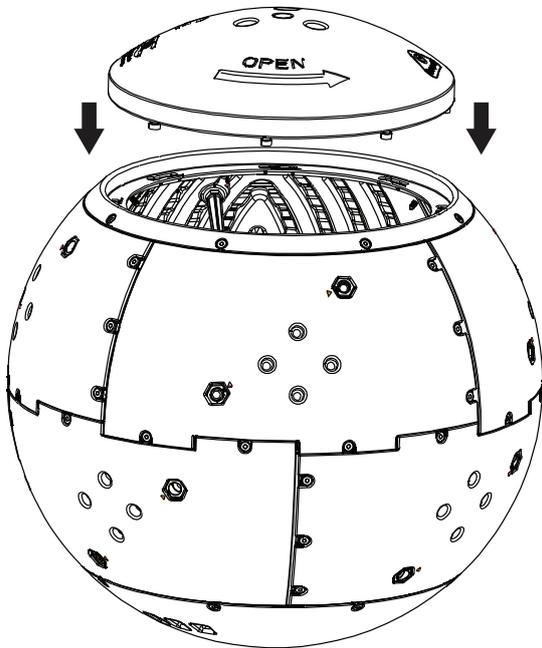
Hammer the E6 pins into the E5 rivets.



Step 7: Attaching the Top Lid to the Upper Sphere.



A

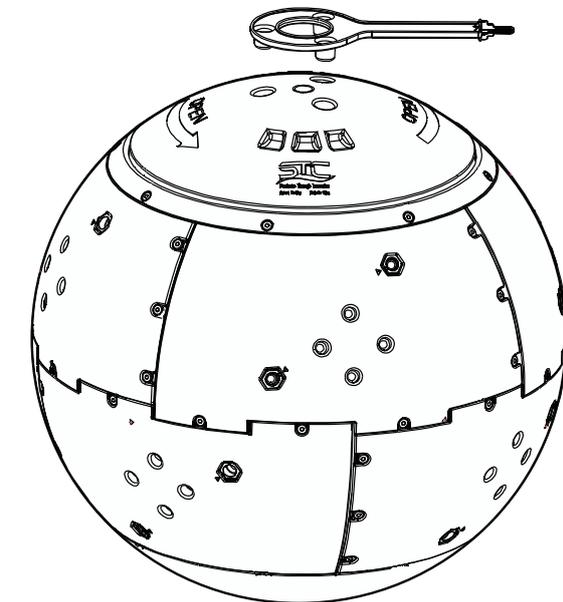


Place the Top Lid onto the upper Half Sphere. Lining up pegs inside the lid with large hole in the openings in the collar, set the lid into the collar and turn clockwise until the pegs reach the end of the openings.

NOTE:

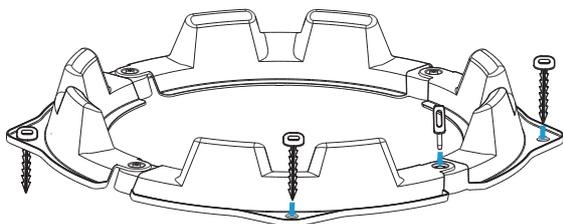
If the cover does not turn easily, use a Phillips screwdriver to loosen the screws on the pegs inside.

B

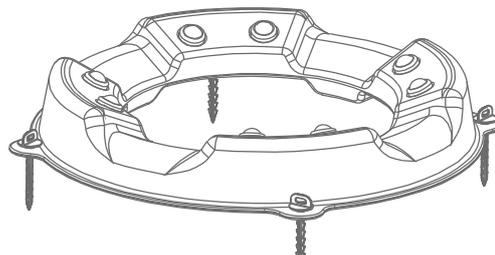


Use the included L3 key or your hands to turn the Lid counter-clockwise and lift to open.

Place your CompoSpin on its included Standard Base (Assembly on page 10), or on the Optional Base (Sold separately).

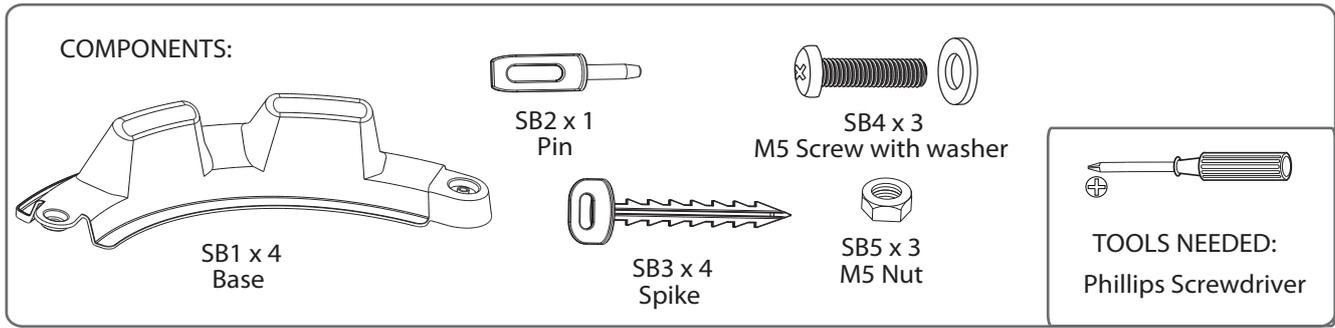


Standard Base
(Included)



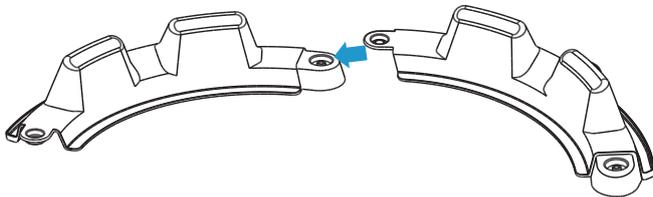
Optional Base
(Not included)

Step 8: Standard Base Assembly.



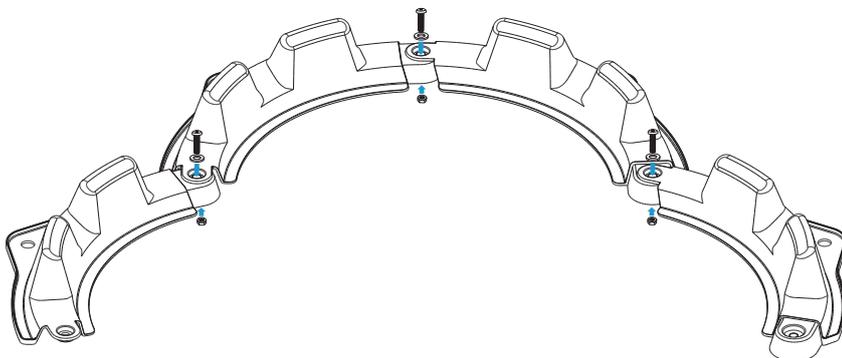
A

The standard base had been designed to easily open and close, allowing the CompoSpin sphere to roll inside for storage. Place the four SB1 base parts next to each other. Fit the left side of one piece into the right side of the piece to the left of it.

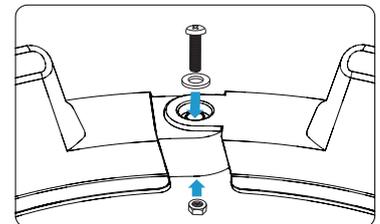


B

Use a SB4 screw with washer and SB5 nut to connect the base pieces at three sides. Tighten using a Phillips screwdriver.

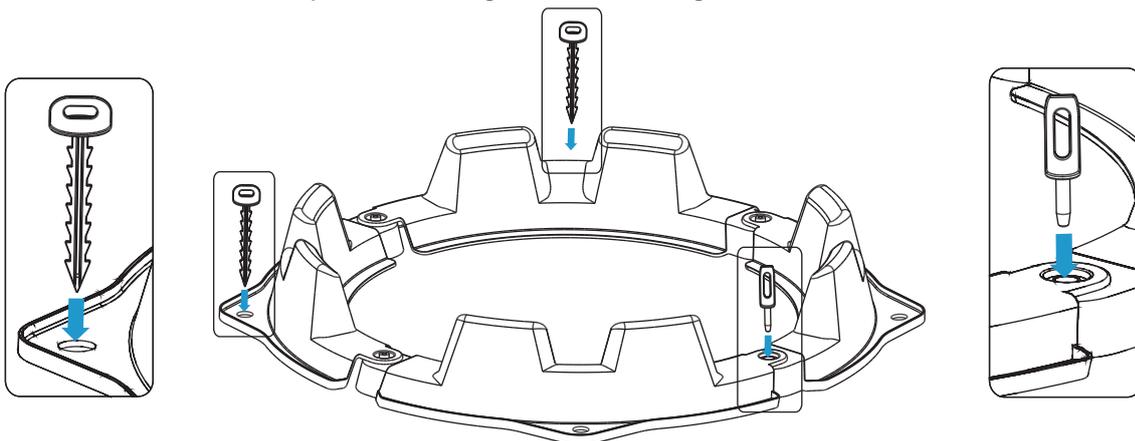


NOTE: Do not tighten the screws completely. Tighten the screws only enough so that base pieces are held together but the position can still be adjusted.



C

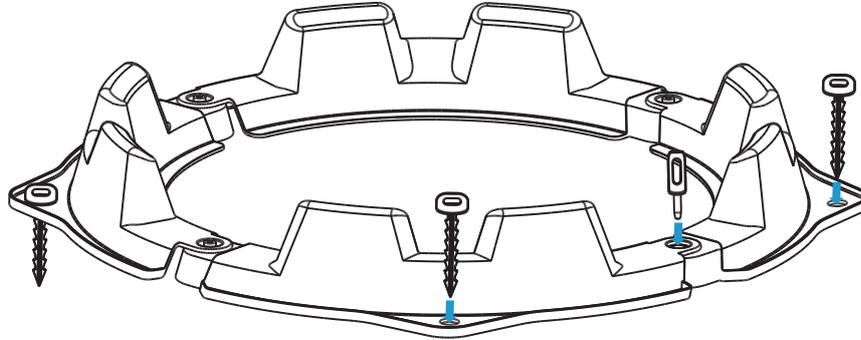
Find a place in your yard to set up the base. Position the four base pieces so the last two pieces fit together forming a circle. Use the SB2 pin instead of a screw to hold the base closed. Push two SB3 spikes into holes in outside rim of the back two base pieces securing the base to the ground.



Standard Base Assembly (Continued)

D

To use the base, remove the SB2 pin that holds the base closed. Move the front base pieces away from each other, creating an opening to roll the CompoSpin out of the center of the base. When you are done, roll the CompoSpin back to its base, close the base and replace SB2 pin to secure. Place the remaining two SB3 spikes into the holes in outside rim of the front base pieces to hold the base firmly in place with the CompoSpin sphere inside.

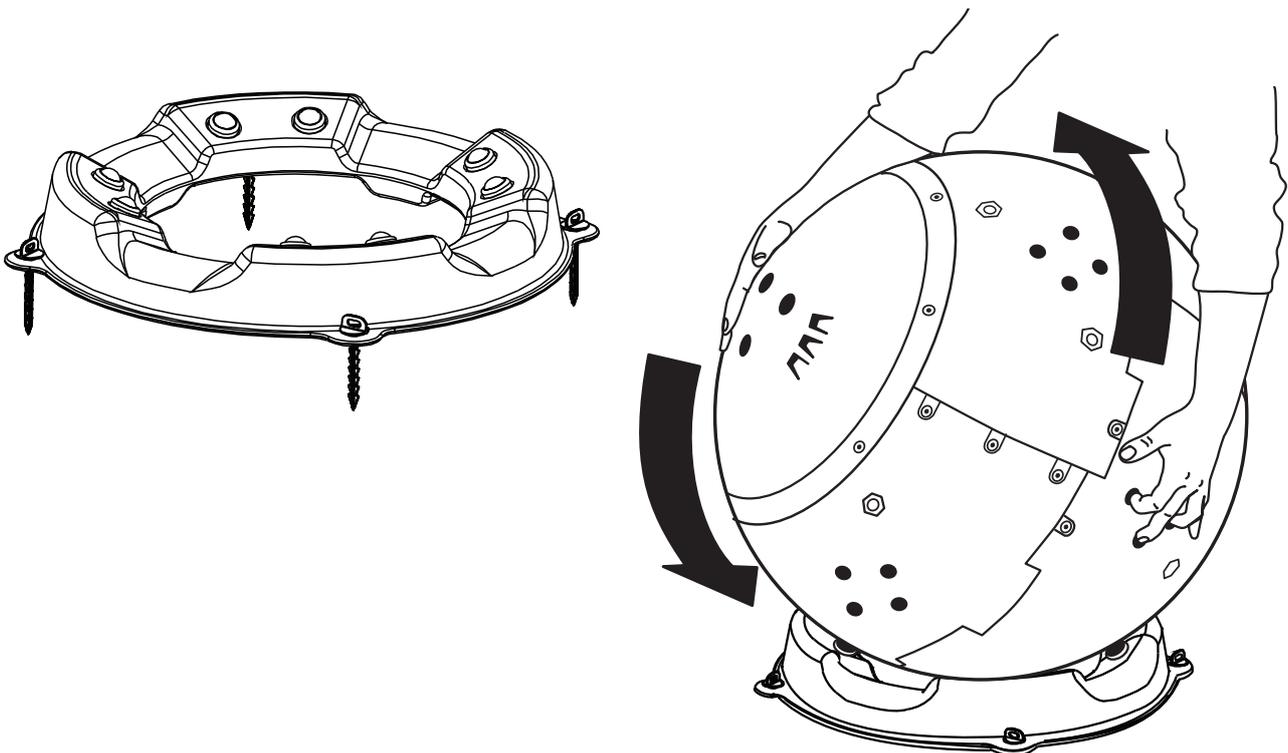


IMPORTANT: The standard base is designed to store the CompoSpin when not in use. Do NOT rotate the CompoSpin while it is inside the standard base. Remove the sphere to rotate.

Your CompoSpin composter is now ready to use !

Roll-On Optional Base - Not included

The Optional Base allows you to rotate the CompoSpin easily on its base. Can be purchased separately.



Step 9: Using Your CompoSpin.



USER GUIDE

Thank you for purchasing your CompoSpin and optional base. We hope it provides you with many years of enjoyment. Please read this User Guide to get the most out of your CompoSpin. Contact us with any questions at customerservice@ecomposter.net or call (877) 407-9100 EXT 1.



IMPORTANT: When full, the CompoSpin sphere is heavy. Place the sphere on the optional base to prevent it from moving. Place the base on smooth, level ground. The CompoSpin is not a toy. Make sure the lid is secured before rotating the sphere.

About the CompoSpin Design

The unique CompoSpin sphere and patented air induction system is designed to speed up the composting process. The CompoSpin design optimizes the four key components to composting: heat, moisture, mixing and time.

How the CompoSpin Works

The sphere, with the lowest surface/volume of any shape, prevents heat loss while the dark green color attracts heat, promoting faster decomposition. The 360 degree rotation randomly blends material, keeping the compost moist and improves the mixing, aeration and decomposition process.

The large and patented air induction tubes provide an influx of oxygen into the center of the compost material, maintaining an optimal moisture level. As the sphere rotates, the air tubes break up and mix newly added materials with older materials.

Before You Begin

Select a site for your CompoSpin and optional base on level ground, with good airflow, access to water and partial shade in the summer and good sun in the winter.

The basic makeup of your initial material will determine both the speed and effectiveness of the decomposition process. These materials also establish the nutrient content of the finished compost. Do not try to make compost with one ingredient.

You will be adding materials in percentages. We recommend finding a bucket or cup to use as a measuring gauge. The composting process will take between 4 to 6 weeks depending on the ratio of materials, the moisture, heat and mixing schedule. Plants lose between 50 and 75 percent of their volume in composting, so a great deal of plant material can be processed effectively.

How to use your CompoSpin

The CompoSpin sphere is designed with a large lid that allows you to easily add or remove materials. The lid uses secure locking system.

To open the CompoSpin, you can either place your fingers inside the 6 square shaped spaces (3 for each hand) and turn the lid counterclockwise or simply place the included L3 key on the matching three round holes on the lid and turn counterclockwise.

To close the CompoSpin return the lid into place and turn clockwise. Before rotating the CompoSpin, make sure the lid is closed tightly. For easy rotation of the CompoSpin insert your fingers into the designated four holes found on each section of the sphere surface and rotate.

Filling Your CompoSpin

It is important to balance the mixture of brown and green materials. Use equal parts by volume of dry and green plant materials in the overall mix. Mix grass clippings with other materials before adding. Grass mats easily and prevents water from moving through the mass. When adding easily compacted materials (such as ashes, fresh cut grass or sawdust) mix in coarser materials first.

Breaking up or shredding materials you plan to add to your compost will decompose more quickly. Adding more volume at once will also speed up the process. If you are adding material more gradually, be sure to stop adding materials to the CompoSpin to give the material time to finish decomposing.

What Materials to Compost

Add a combination of materials. The ratio of fresh green to dead brown materials will affect the amount of time it takes to make compost. Although adding more green may speed up the time, you will need at least 25 percent brown material. We recommend beginning by adding 50 percent brown to 50 percent green. If you are adding large amounts of material at once, add part of it, close the lid and turn the sphere. Open it again to add more.

Green Materials (Nitrogen)	Brown Materials (Carbon)	DO NOT Compost
Uncooked fruit and vegetable waste Coffee grounds and tea bags Egg shells (rinsed and crushed) Peanut shells Garden Waste Plant trimmings Fresh grass clippings (cut within 24 hours) Hair trimmings Fresh farm manure	Dead leaves Dead garden waste Sawdust and wood shavings Black and white newspaper Tissue paper Shredded paper and cartons Wood ashes	Pet waste Cooked food Bones Meat, Fish or Dairy Sauces, Oil or Fat Diseased plants Chemicals or pesticides Branches, twigs, redwood, Pine needles or treated wood

Monitor Your Compost

It is important to maintain a balance of green and dry materials, monitor the temperature, smell, moisture level of your materials and to turn the sphere a quarter turn daily.

Temperature

Place your hand in the center of the compost to test the temperature. If the center is warm or hot the process is working well. At temperatures of 140-160°F most pathogens and weed seeds are destroyed.

Both moisture and nitrogen will affect the temperature. If your mixture is dry, add some water to raise the temperature. If the materials are moist, add an activator, blood meal or farm manure.

Moisture

The microorganisms work best with approximately 50 percent moisture. Too much moisture means organic waste won't decompose. Too little moisture will kill the bacteria. Compost should feel moist, but not soaking wet, like a wrung out sponge. If the compost is wet, or smells like ammonia, add some dry material. If the mixture is dry, lightly spray it with water from a garden hose.

Aeration

Rotate your CompoSpin any direction daily to ensure proper aeration. The microorganisms need oxygen to breakdown the compost materials.

When the Compost Is Done

Finished compost should look, feel and smell like rich, dark soil. You should not be able to recognize any of the items you put in there. Finished compost is usually less than half the volume of the materials you started with, but it's much denser.

Apply finished compost to your garden about 2-4 weeks before you plant, giving the compost time to integrate and stabilize within the soil.

Composting Tips

Help start a new compost pile with blood meal, cottonseed meal, well-aged manure they are rich in nitrogen and help "fire-up" the microbes responsible for breaking down organic matter into compost.

If you are filling your CompoSpin every two or three weeks, we recommend getting a second CompoSpin.

Establish a composting bucket in your kitchen. This will help limit the number of trips needed to the CompoSpin.

The use of activators can get slow compost heated up faster.



CompoSpin Sphere, Standard Base and Optional Base

One Year Warranty

System Trading Corporation, STC, warrants the CompoSpin and optional base against defective materials and workmanship, while under normal use and service, to the original purchaser, for one (1) year from the date of delivery. This warranty is not transferable.

STC will replace any defective part, or the entire unit if necessary.

This warranty does not apply to damage caused by misuse, improper use, assembly, application or neglect.

This warranty gives you specific rights and you may have other rights which vary from state to state.

Keep this information with your important records. Please go to www.ecomposter.net to register your CompoSpin today.



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