

GREA
PLANT
TOWER

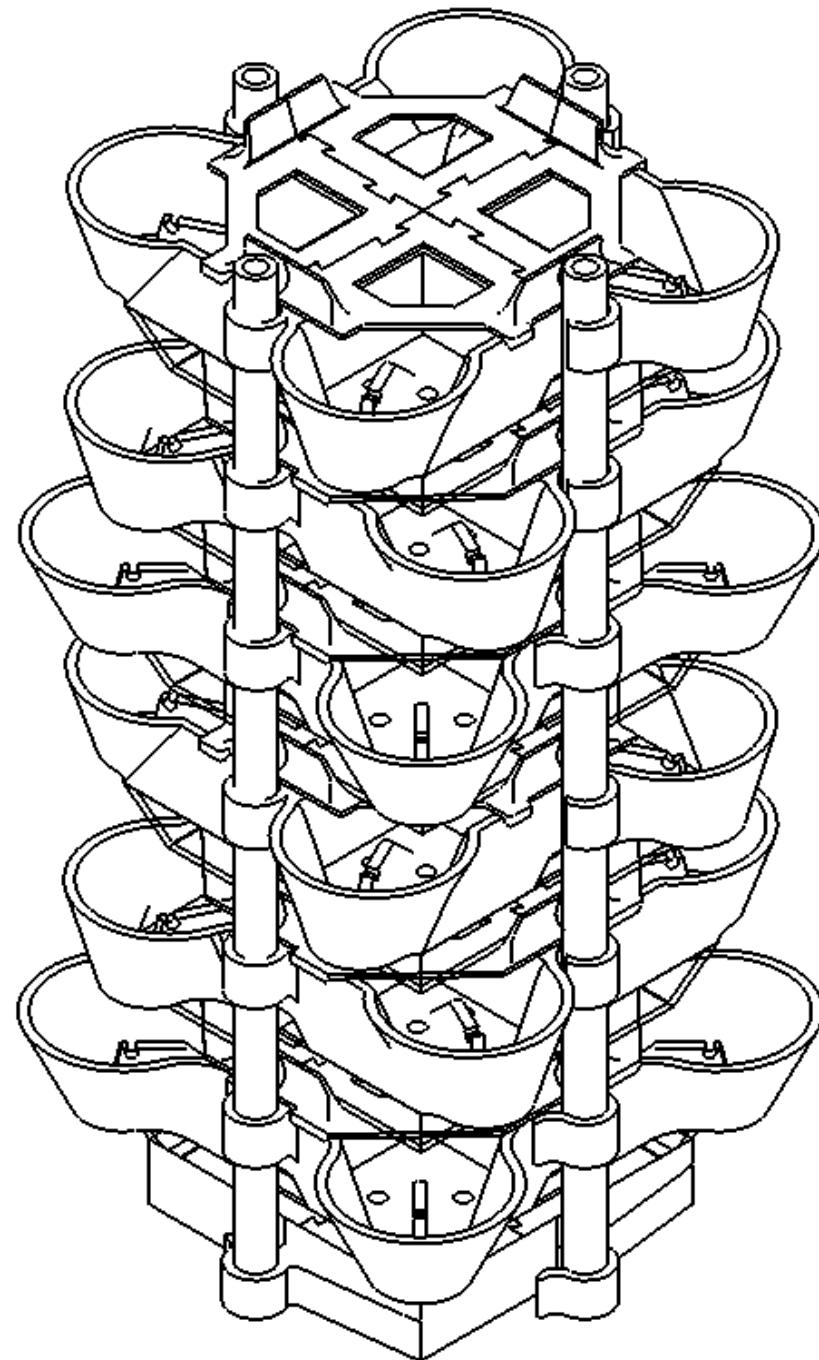
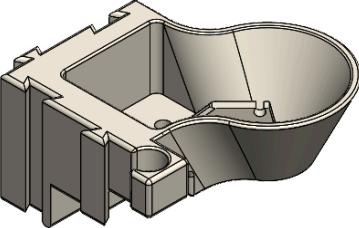
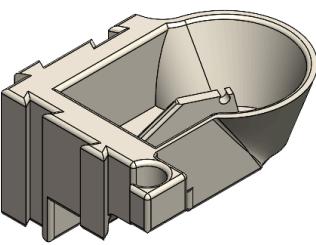
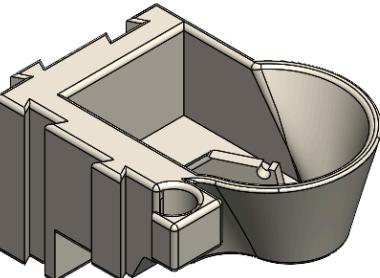
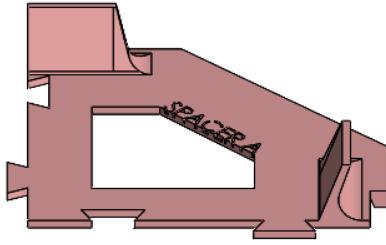
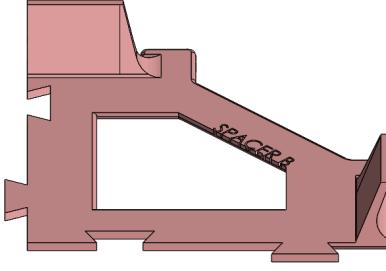
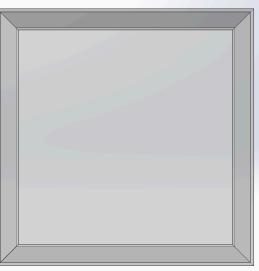


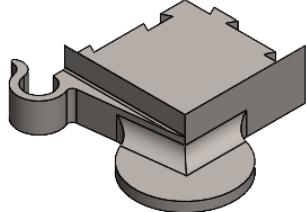
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PARTS

Image	Part Name	QTY
	1/4 Plant Tray A	8
	1/4 Plant Tray B	8
	1/4 Plant Tray C	8

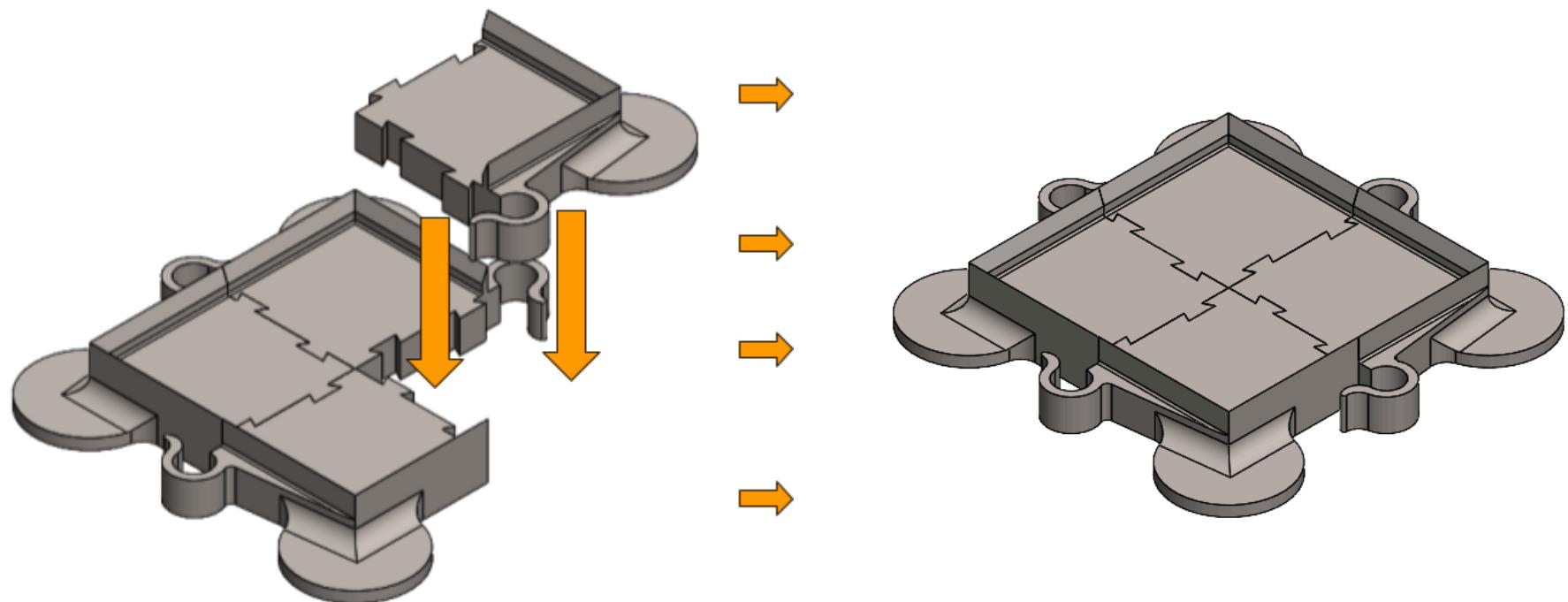
	$\frac{1}{4}$ Spacer A	16
	$\frac{1}{4}$ Spacer B	8
	Water Tray	6

	1/4 Base	4
	Stabilizer	4
	Wick 12"	24
	Funnel	1
	Optional Sensors & Lights	
	Sensors Module	1

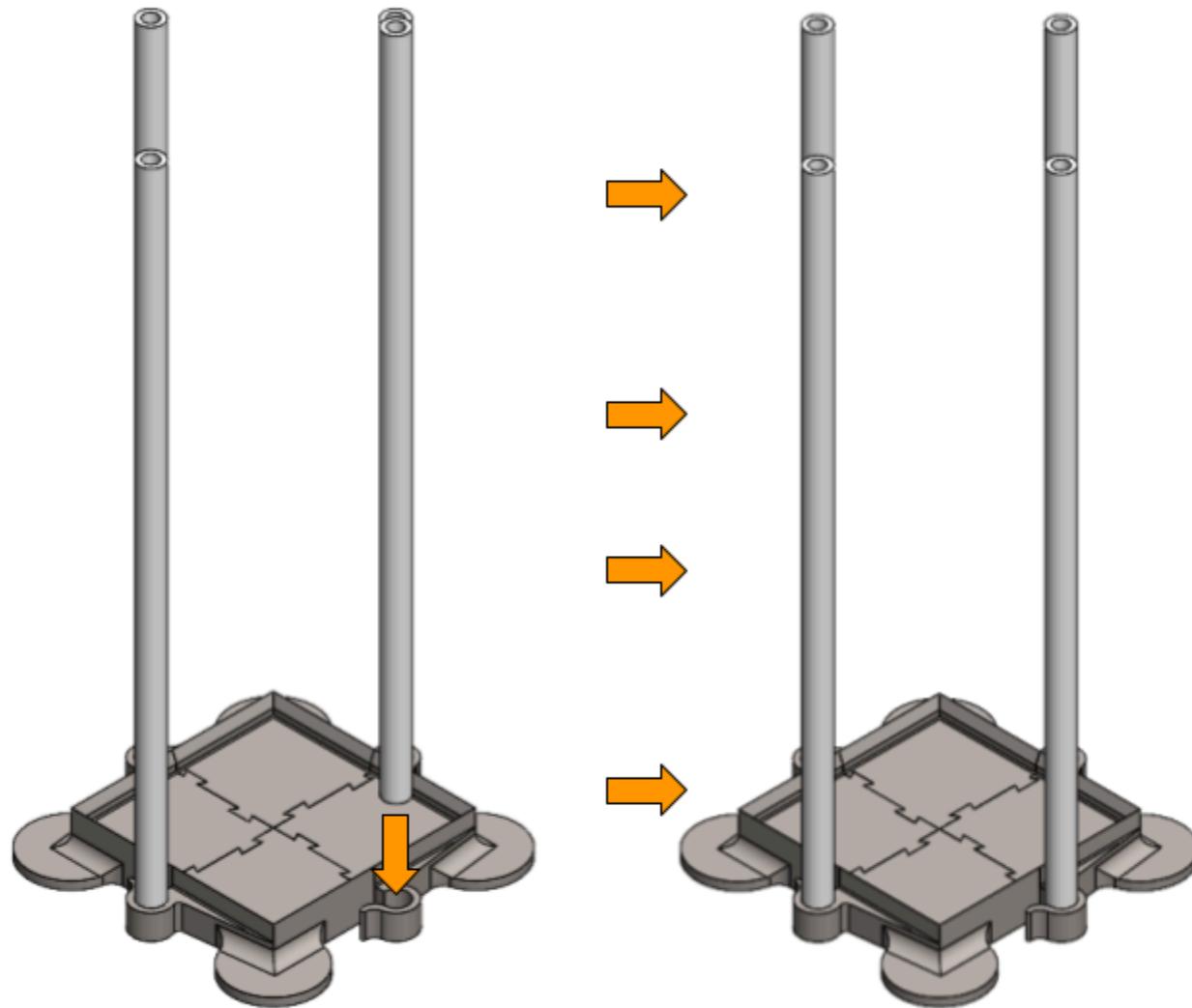
 A photograph of a moisture sensor probe. It consists of two thin, vertical metal rods inserted into a black cylindrical housing. A black cable extends from the bottom of the housing.	Moisture Sensor (attached to housing)	1
 A photograph of a fertilizer sensor probe. It features a white cylindrical housing with a black cap at the top and a black cable at the bottom.	Fertilizer Sensor (attached to housing)	1
	LED roll (attached to housing)	1

INSTRUCTIONS

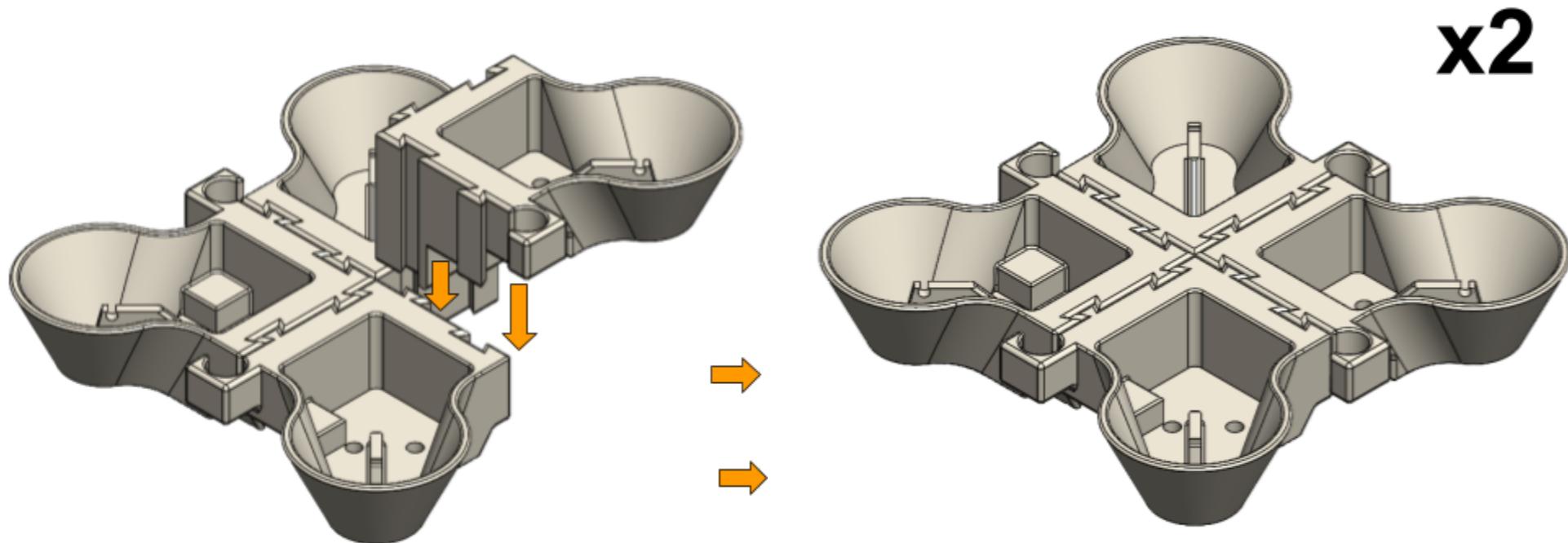
- 1) Assemble the base. Puzzle pieces should mesh together.



2) Add the stabilizers. Set this aside.

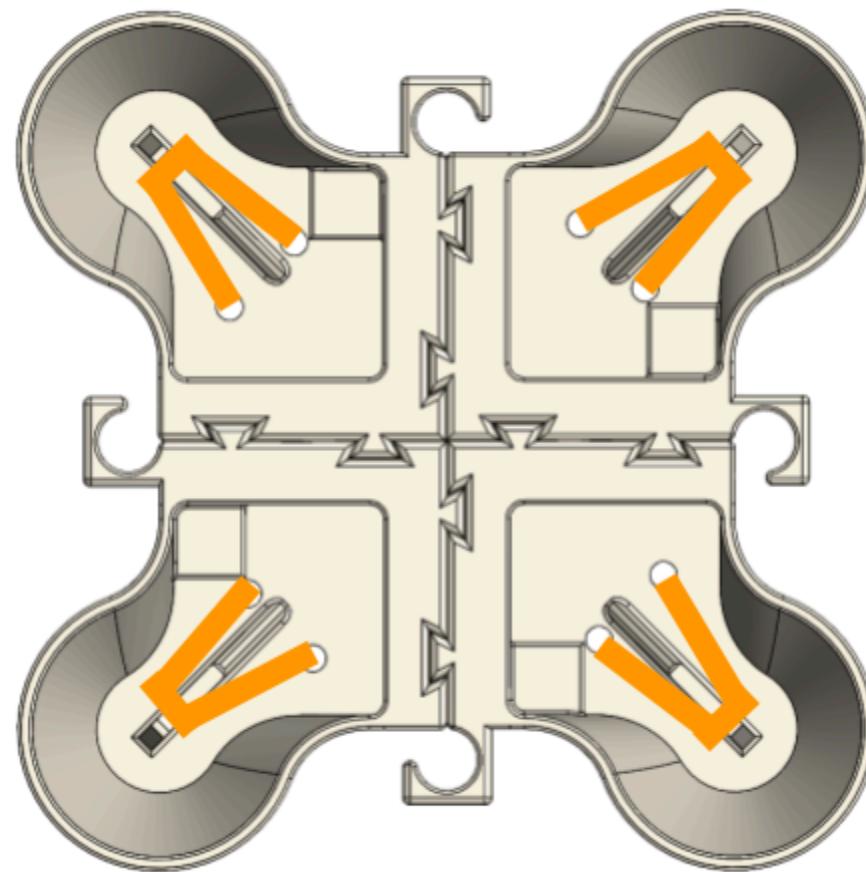


3) Assemble x2 tray A by connecting four of the part labeled "Tray A" as shown below.

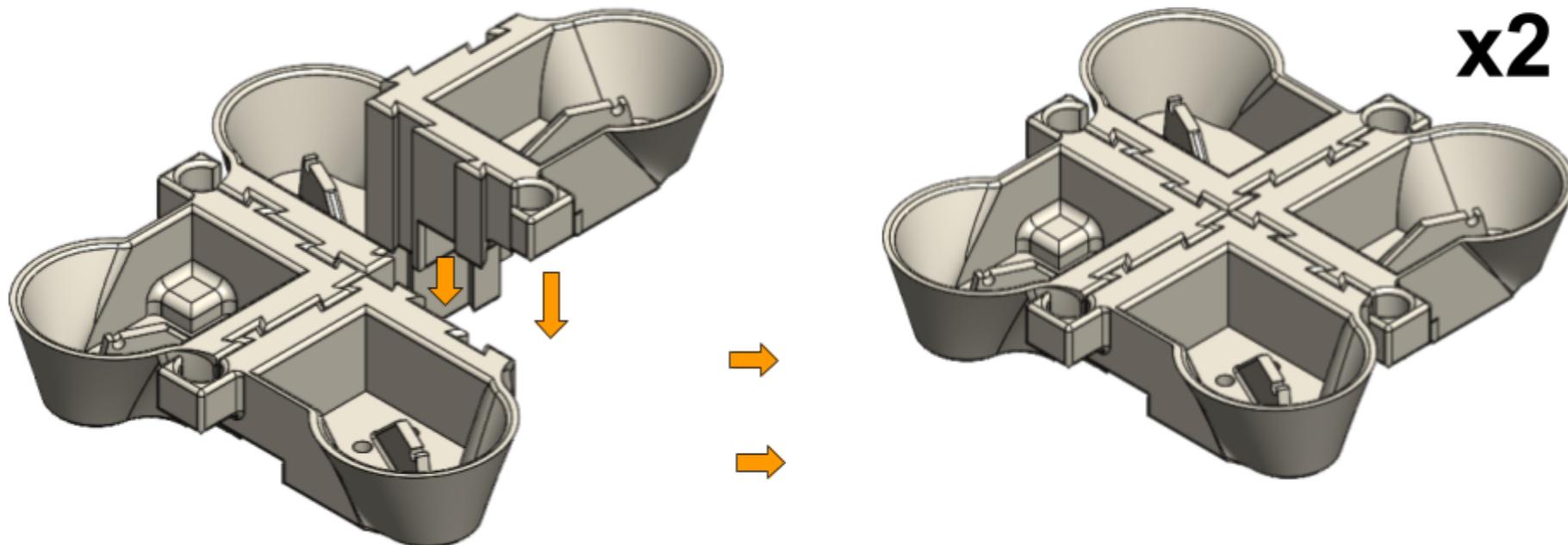


***THE TRAYS LOOK SIMILAR, THEY ARE LABELED ON THE BOTTOM!

- 4) Add the wick to the assembly in the holes shown below. The wick goes from one hook, across and through the other hole

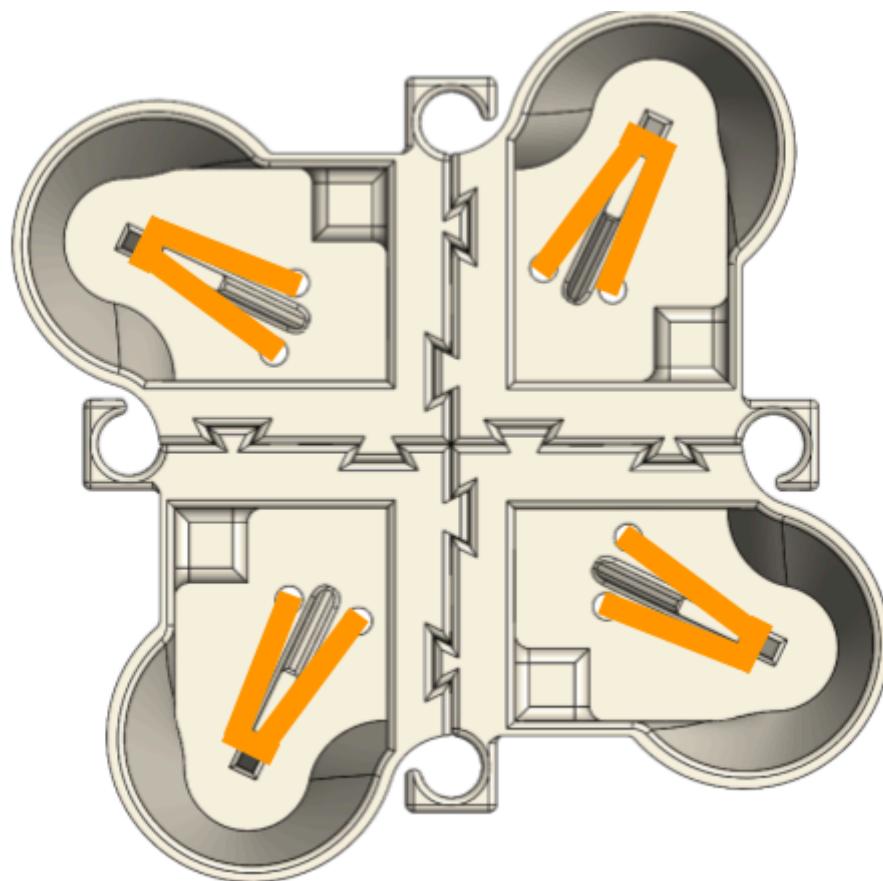


5) Assemble x2 tray B by connecting four of the part labeled “Tray B” as shown below. Set aside.

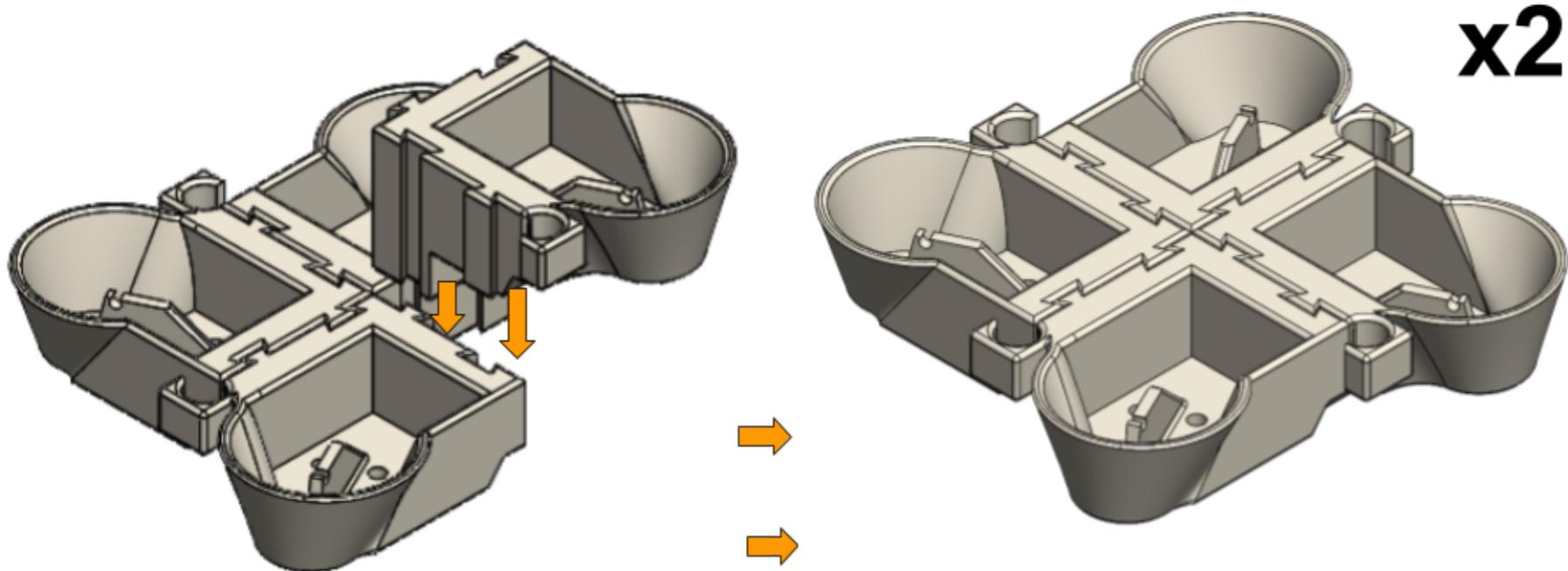


***THE TRAYS LOOK SIMILAR, THEY ARE LABELED ON THE BOTTOM!

- 6) Add the wick to the assembly in the holes shown below. The wick goes from one hook, across and through the other hole

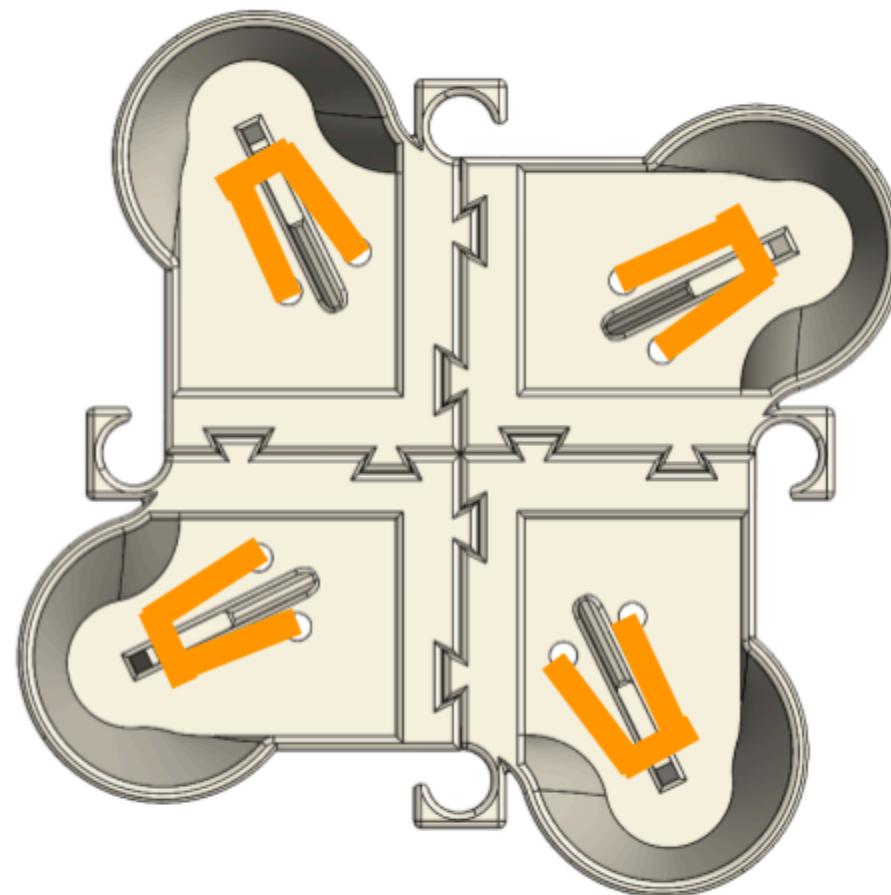


7) Assemble x2 tray C by connecting four of the part labeled “Tray C” as shown below. Set aside

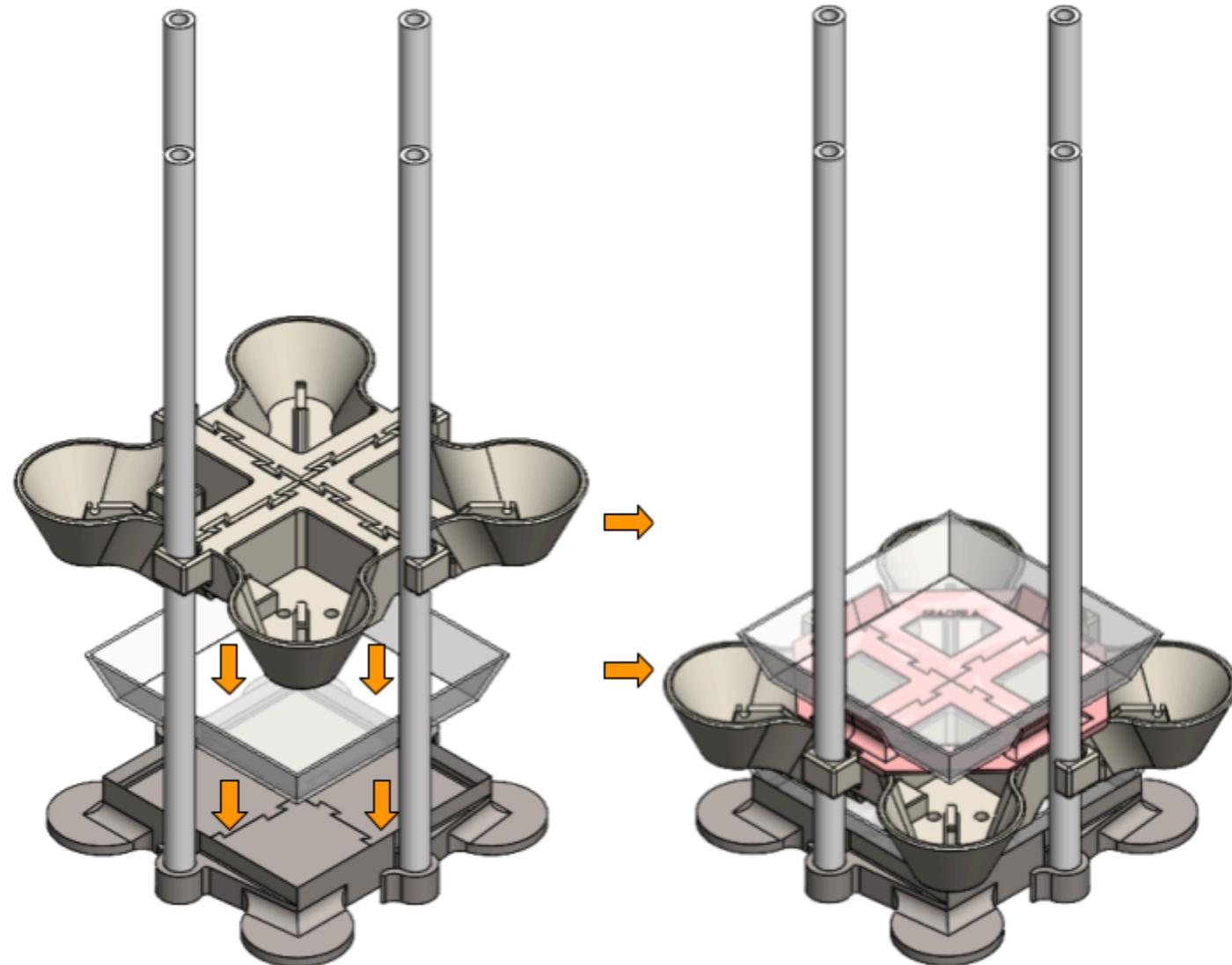


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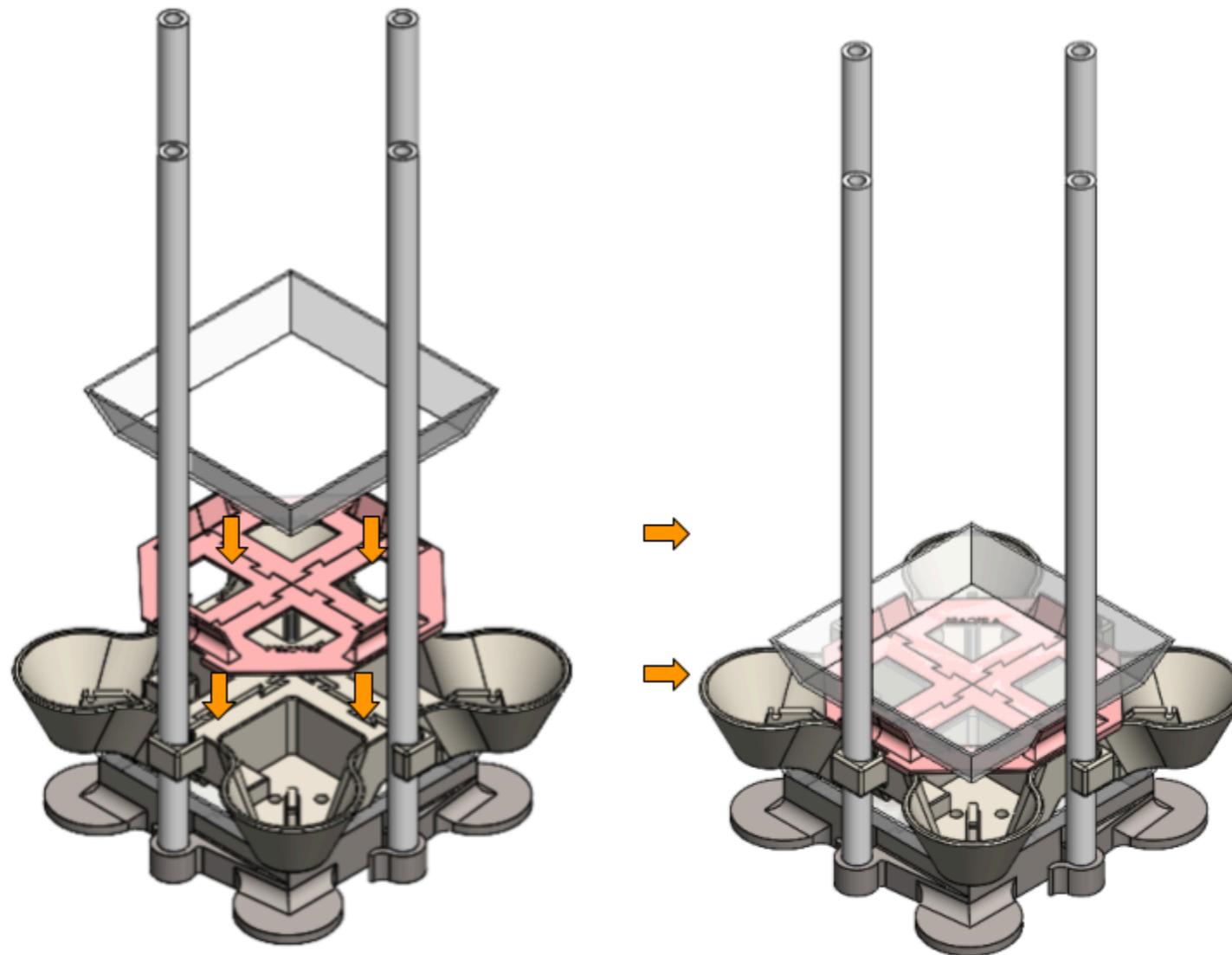
- 8) Add the wick to the assembly in the holes shown below. The wick goes from one hook, across and through the other hole as seen by the orange lines



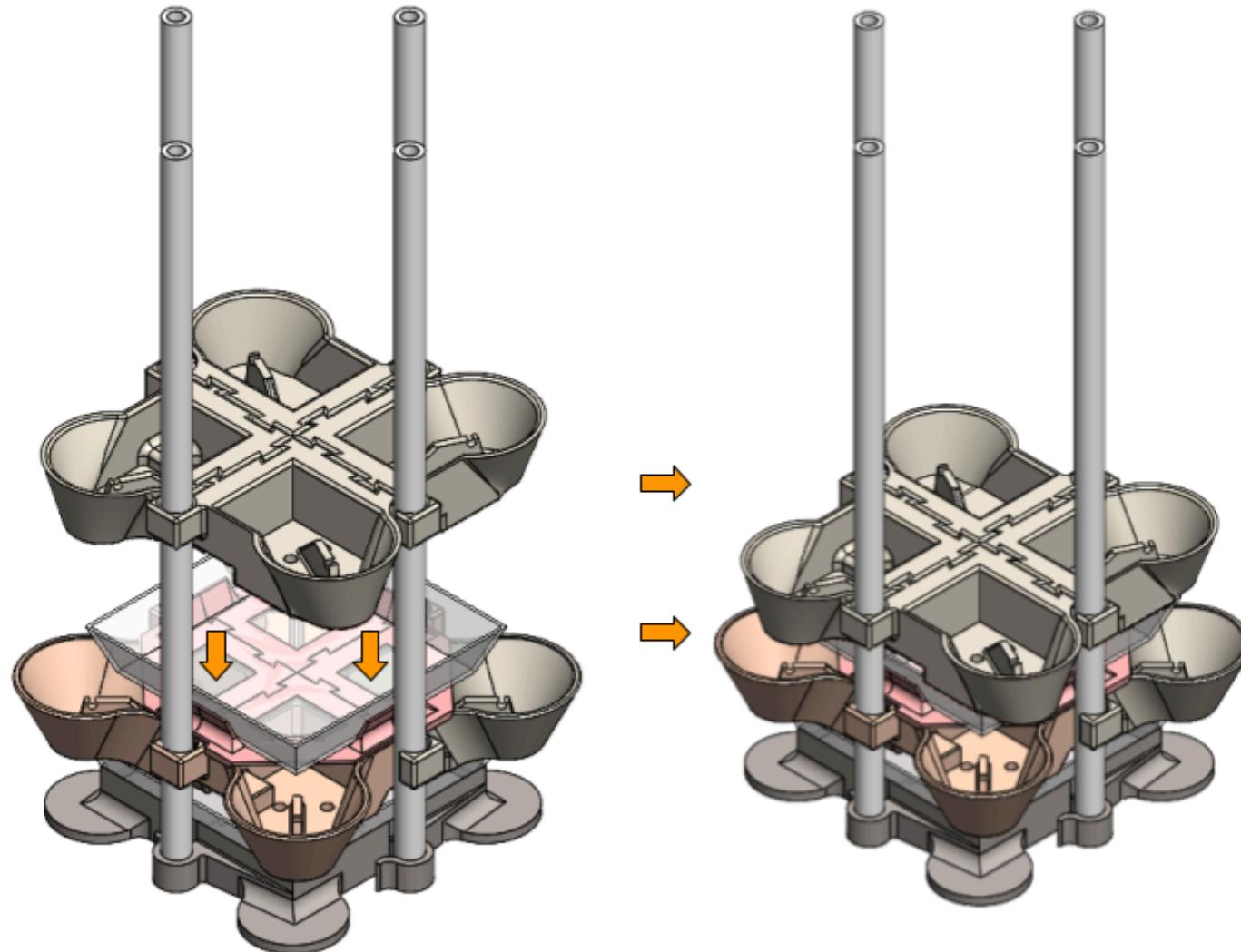
9) Add the Water Basin to the base, then Tray A assembly on top of the Water Basin.



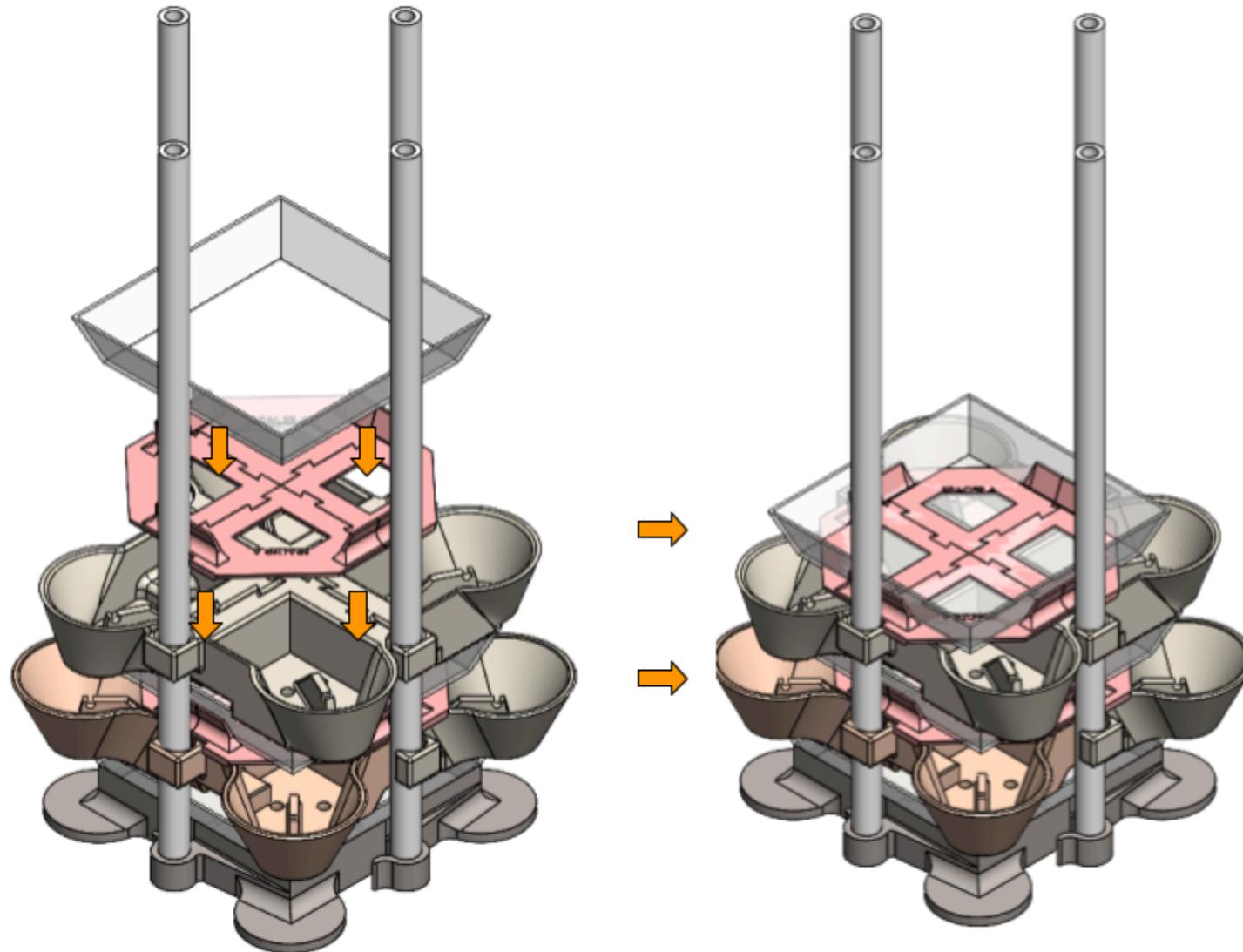
- 10) Add 4 Spacer A on top of Tray A assembly, then add a Water Basin on top of the Spacers as shown below.



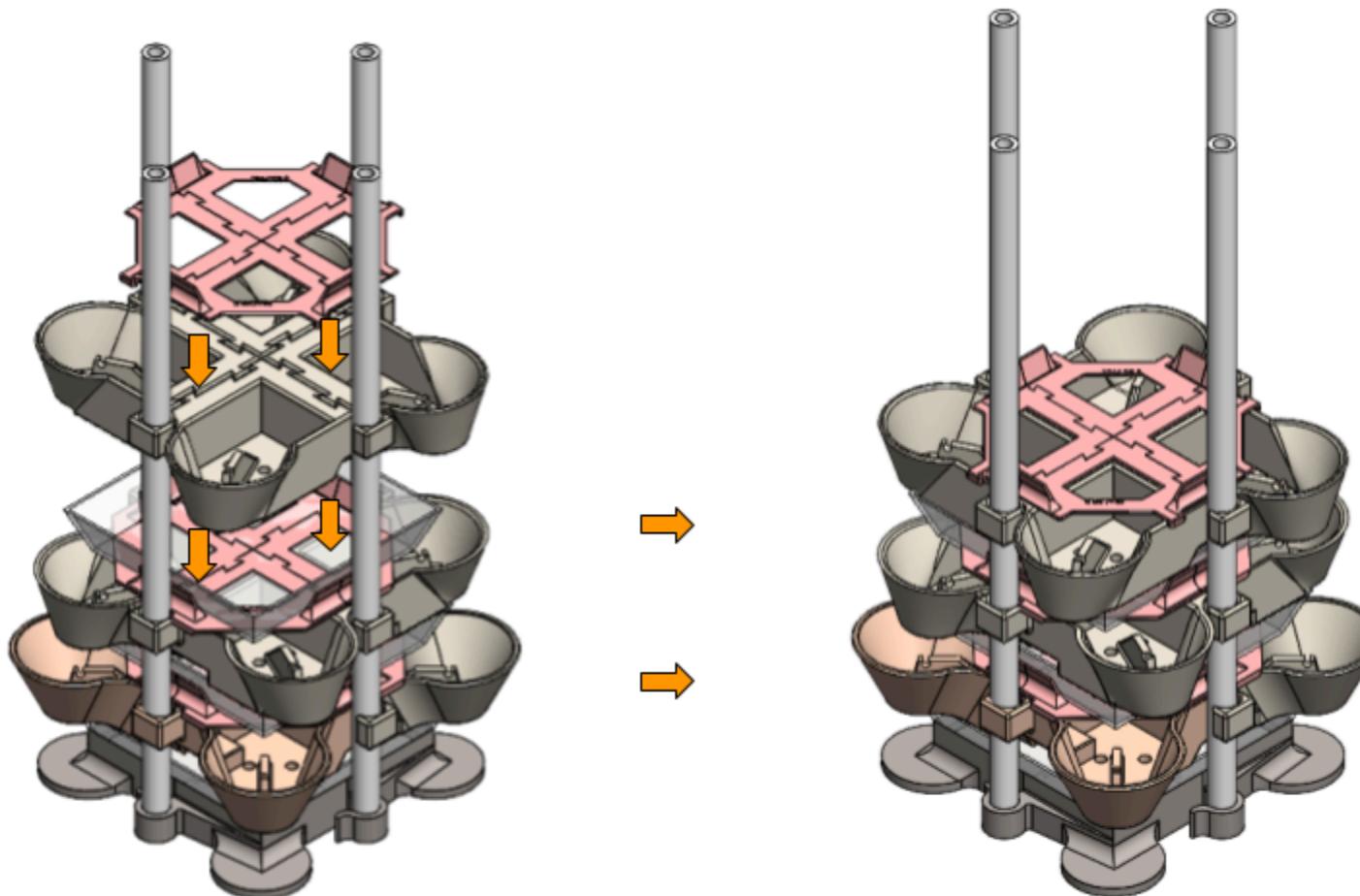
11) Add Tray B assembly on top of the Water Basin.



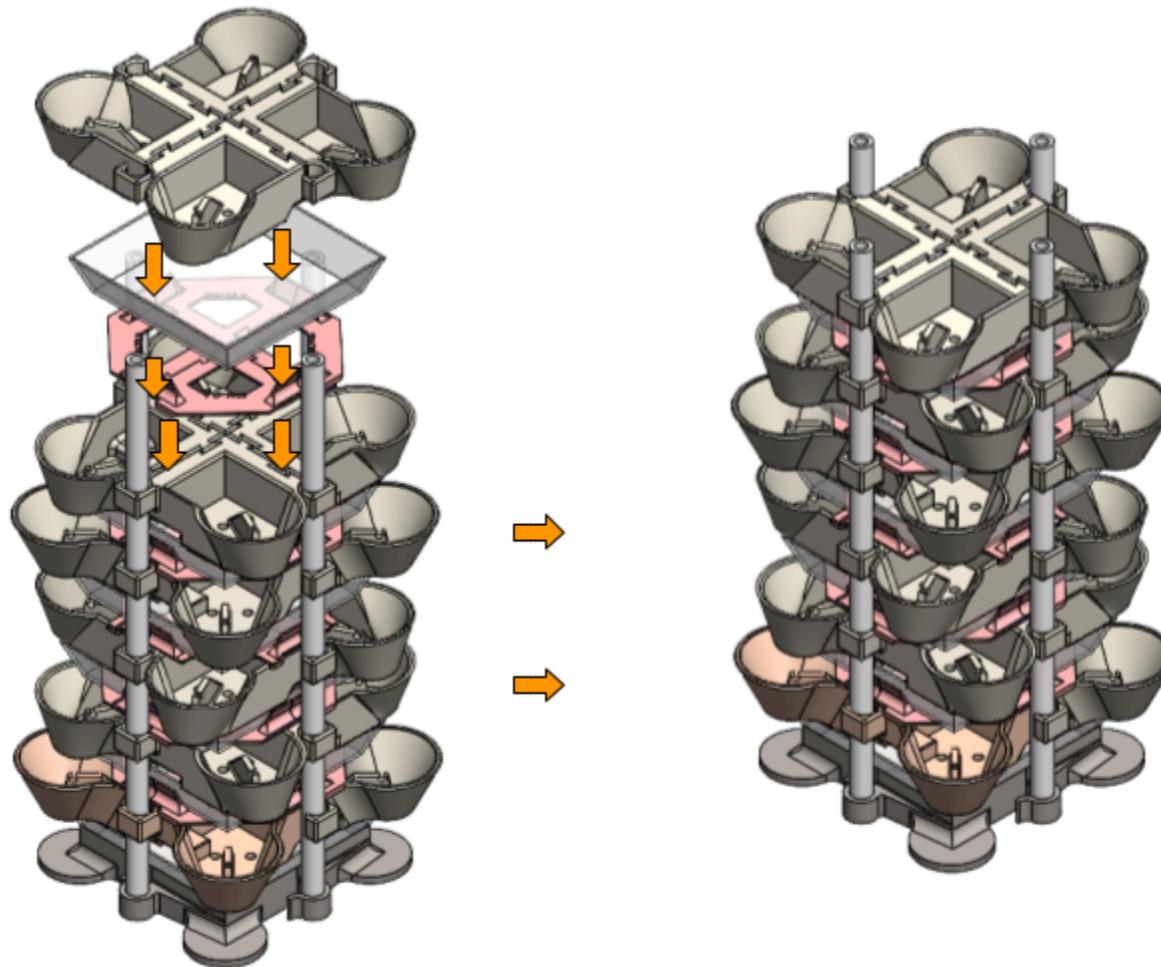
- 12) Add 4 Spacer A on top of Tray B assembly, then add a Water Basin on top of the Spacers as shown below.



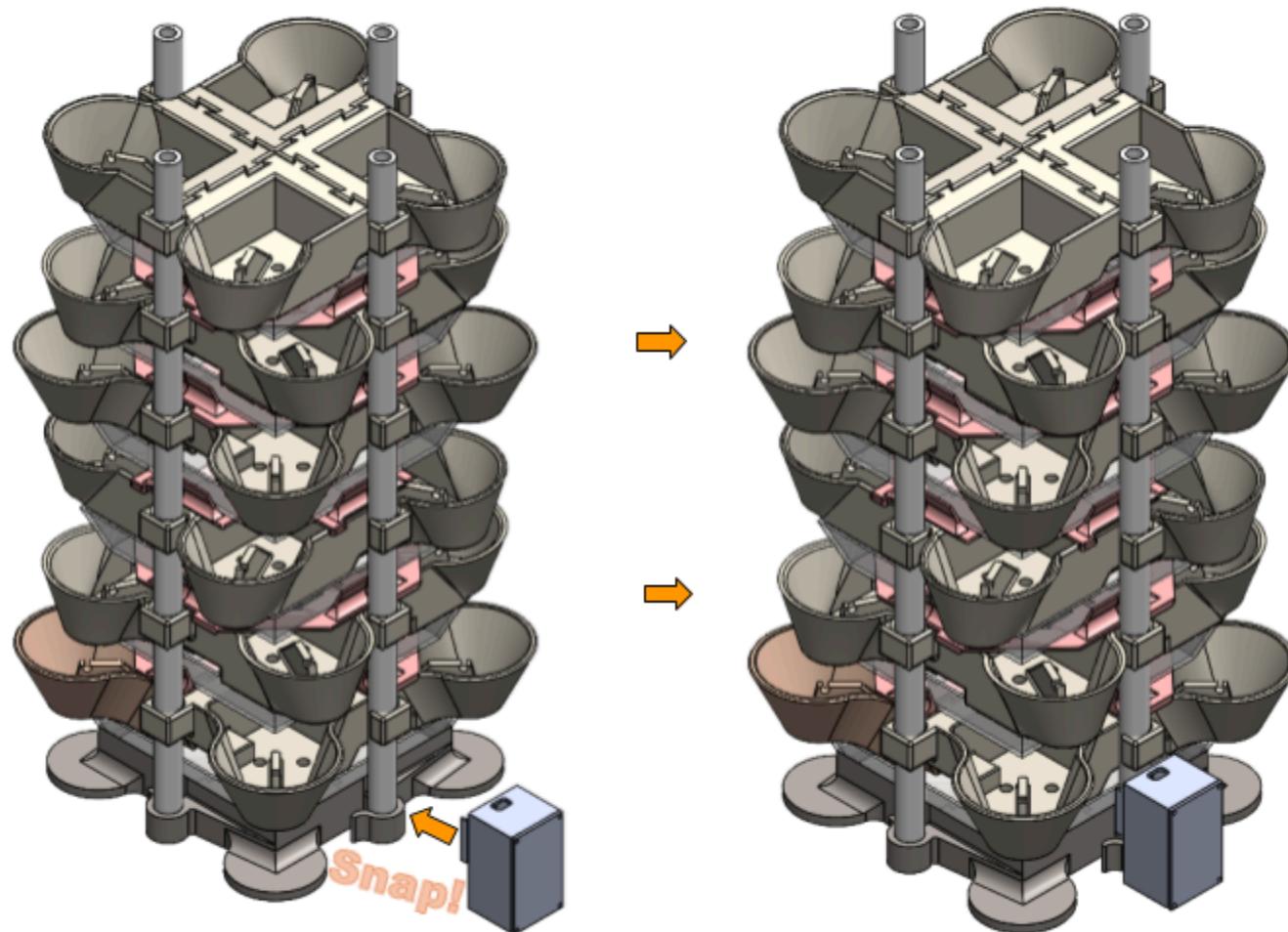
- 13) Add Tray C assembly on top of the Water Basin. Add 4 Spacer B on top of Tray C assembly.



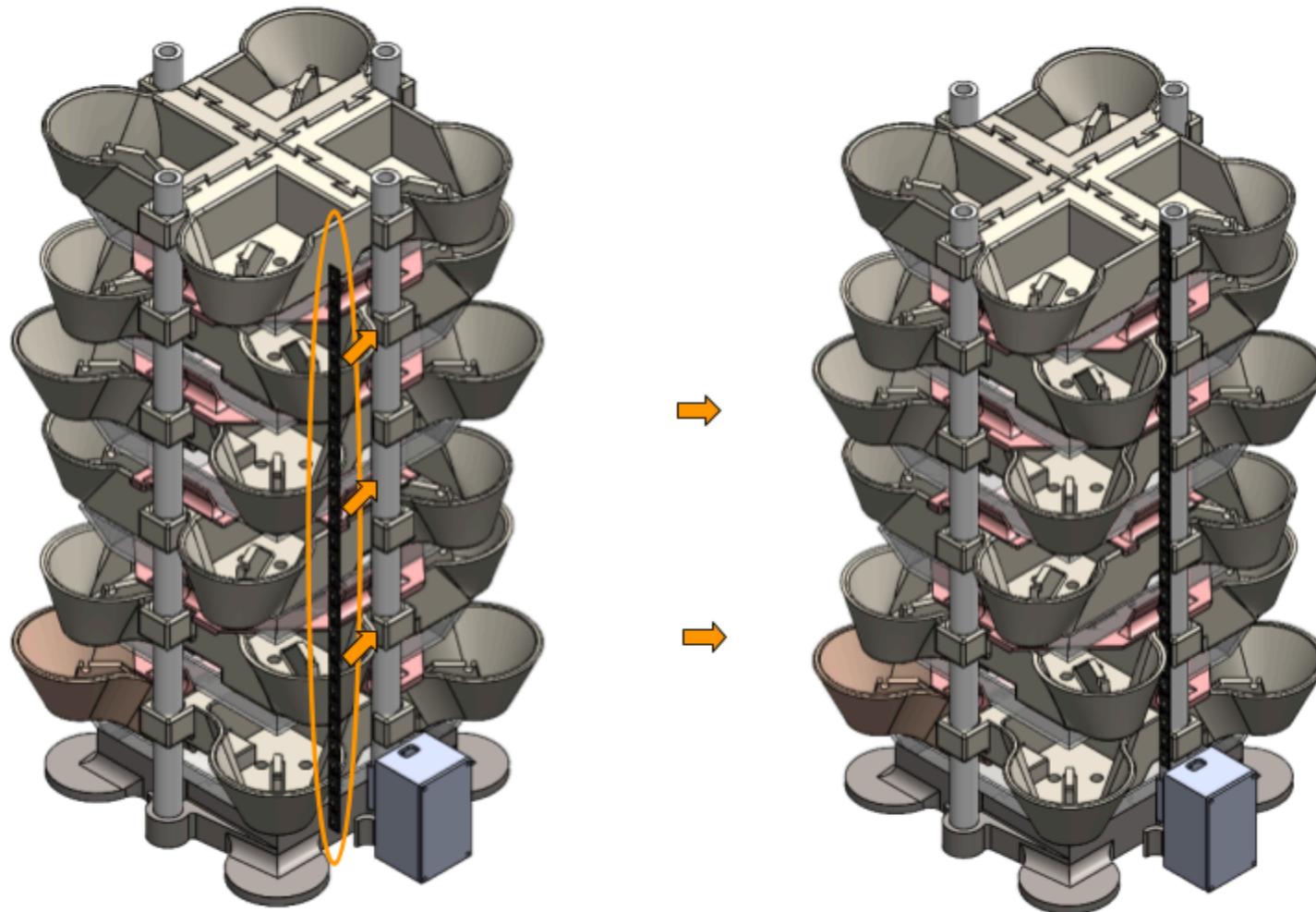
14) Repeat steps 9-13 with remaining parts.



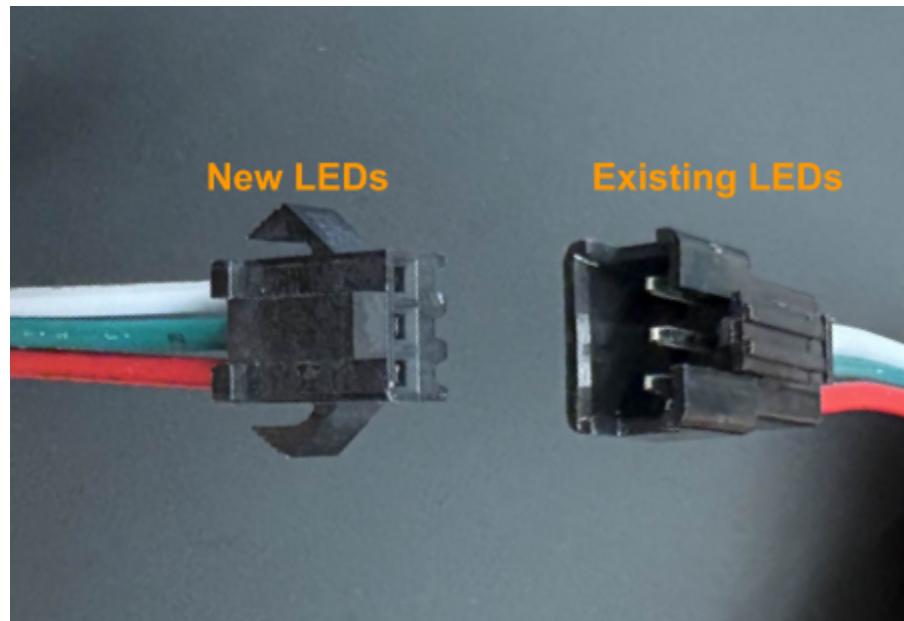
15) Attach the electronics housing



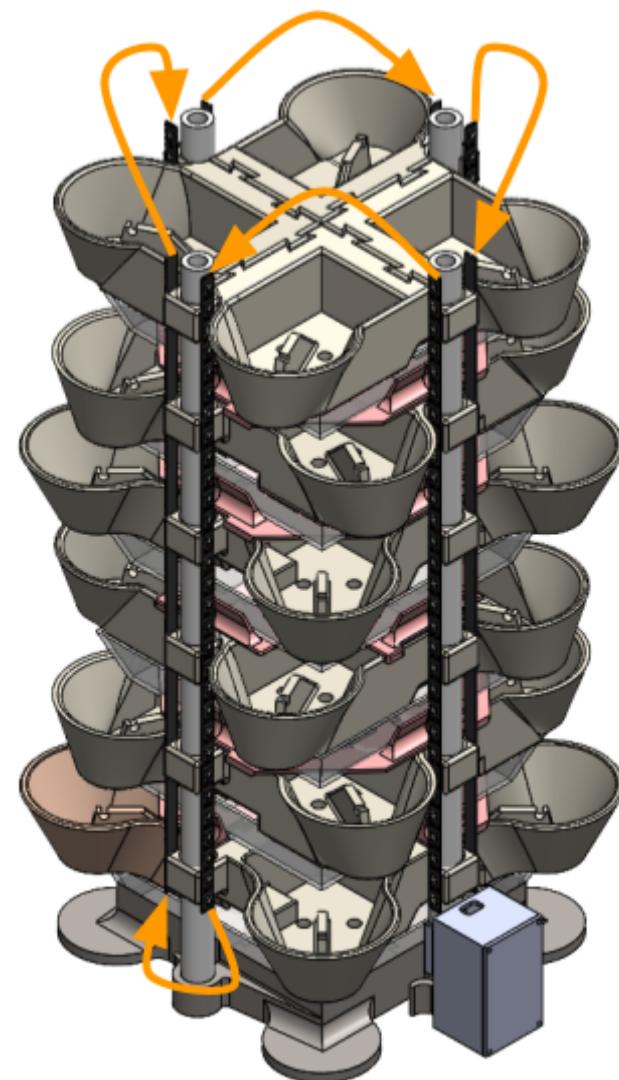
16) Line the LED strip along the pvc pipe



- 17) Connect the next strip to the previous strip.



18) Repeat steps 16 and 17

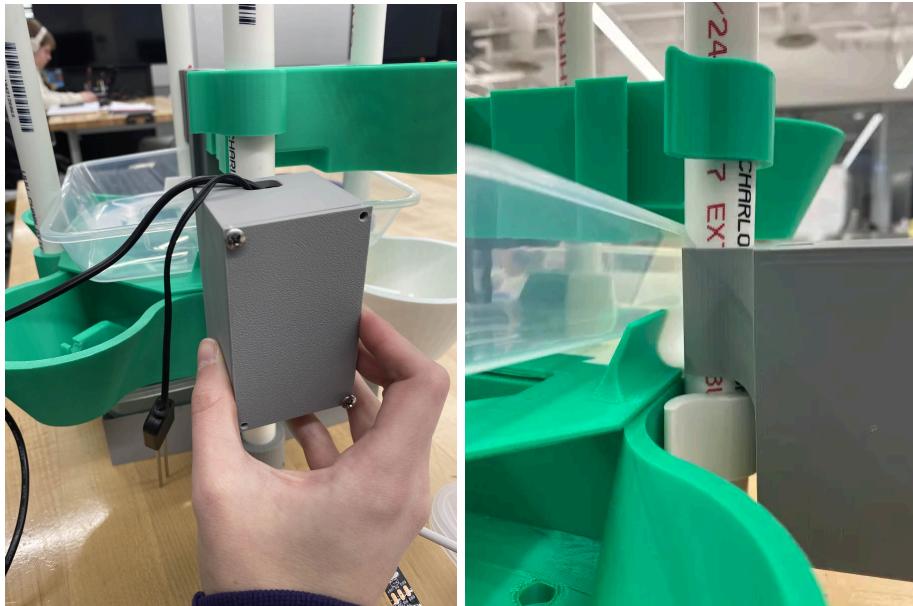


OPTIONAL STEPS FOR ELECTRICAL HOUSING

If you decide to opt-in to the electrical monitoring extension, you will be provided with a Sensors Module with attached LED lights, moisture, and fertilizer sensor.

Configuration of the sensor module begins just after the first tower layer has been set up and the Stabilizers have been installed.

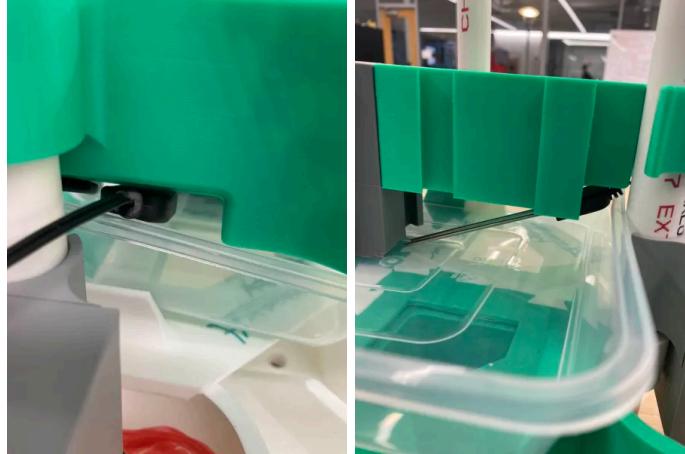
First, the Sensors Module slides onto the Supports above the target tray.



A Sensors Module correctly installed on the supports between two layers.

The next layer of the tower should be installed before proceeding to the next step.

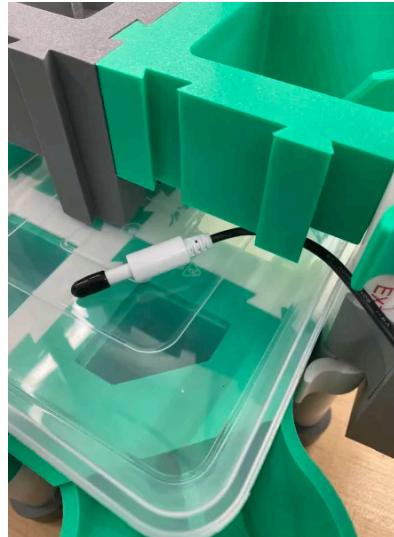
Next, the Moisture Sensor is inserted into the tub through the indent behind the Stabilizer closest to the Sensors Module.



The Moisture Sensor correctly installed between a Plant Tray and Water Tray. The layer above being partially assembled here is not an intended part of the setup process, and is pictured this way for clarity.

When installed properly, the top of the Water Tray and the bottom of the Water Tray will be holding the Moisture Sensor in place.

Next, the Fertilized Sensor is installed. This is accomplished by inserting the sensor into the Water Tray through the other side of the indent. It may be necessary to lift the top layer up slightly to create clearance



The Fertilizer Sensor properly installed.

The Fertilizer Sensor is properly installed as long as it is within the plant tray and is able to be submerged by water. At this point, all tower layers can be installed.

MAINTENANCE INSTRUCTIONS

- When the light indicator shows pattern in image x, then it is low on water
 - To add water, use the funnel and place it on the divot shown in figure x.1. Pour water into the funnel
- When light indicator shows pattern in image y, then it needs fertilizer
 - You can mix the fertilizer in a small amount of water, and use that to add it, unless you are using a liquid fertilizer.
- The timer is set at the time the plant tower sensor module is attached to power. The timer will count

TIPS AND TRICKS

- You can add coffee filters into the plant tray before putting the wick and soil in there to prevent soil from falling into the water
- You can mist the soil with a spray bottle after planting or if it gets really dry