



## Butterfly Conflaption

**CurioKits**

Follow along with this manual to create your own kinetic sculpture. This kit is 36 pieces and takes 30-60 minutes to complete, not including wing coloration time.

Ask questions, post pictures, and tell us about your experience at [Curiokits.com](http://Curiokits.com)

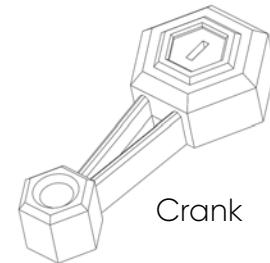
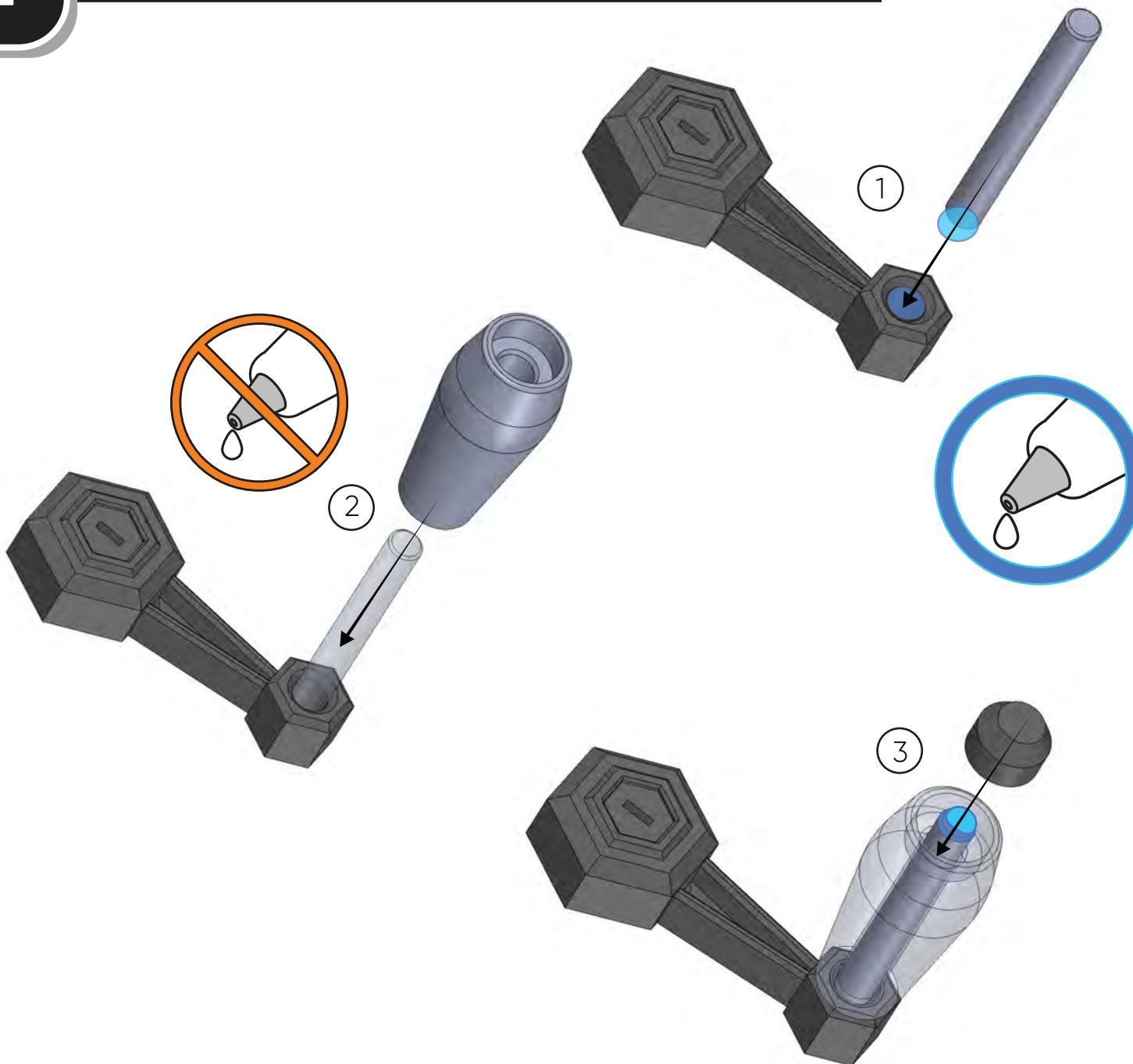
Color the wing inserts as you see fit. Use watercolor, markers, crayons, pencils, pens, or acrylic to personalize.

This kit requires the use of glue. Hot glue is recommended but gel superglue or UV curing epoxy can also work.



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## Assemble the Crank

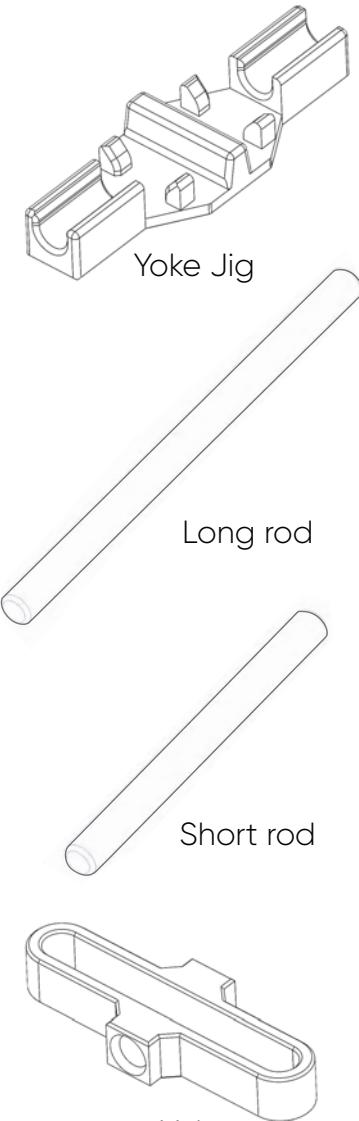
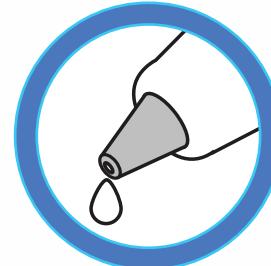
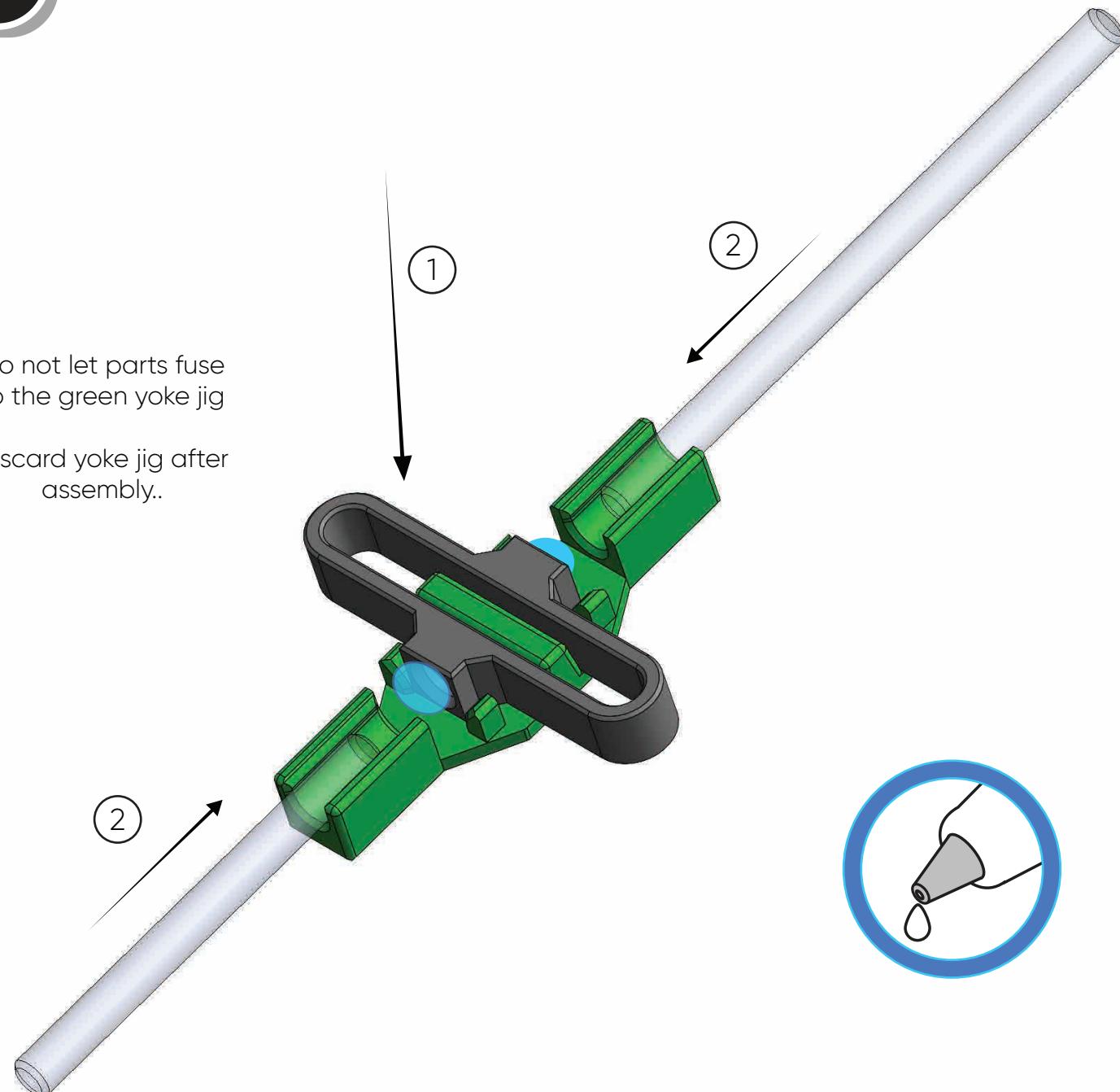


**2**

## Assemble the Yoke

Do not let parts fuse  
to the green yoke jig

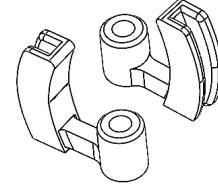
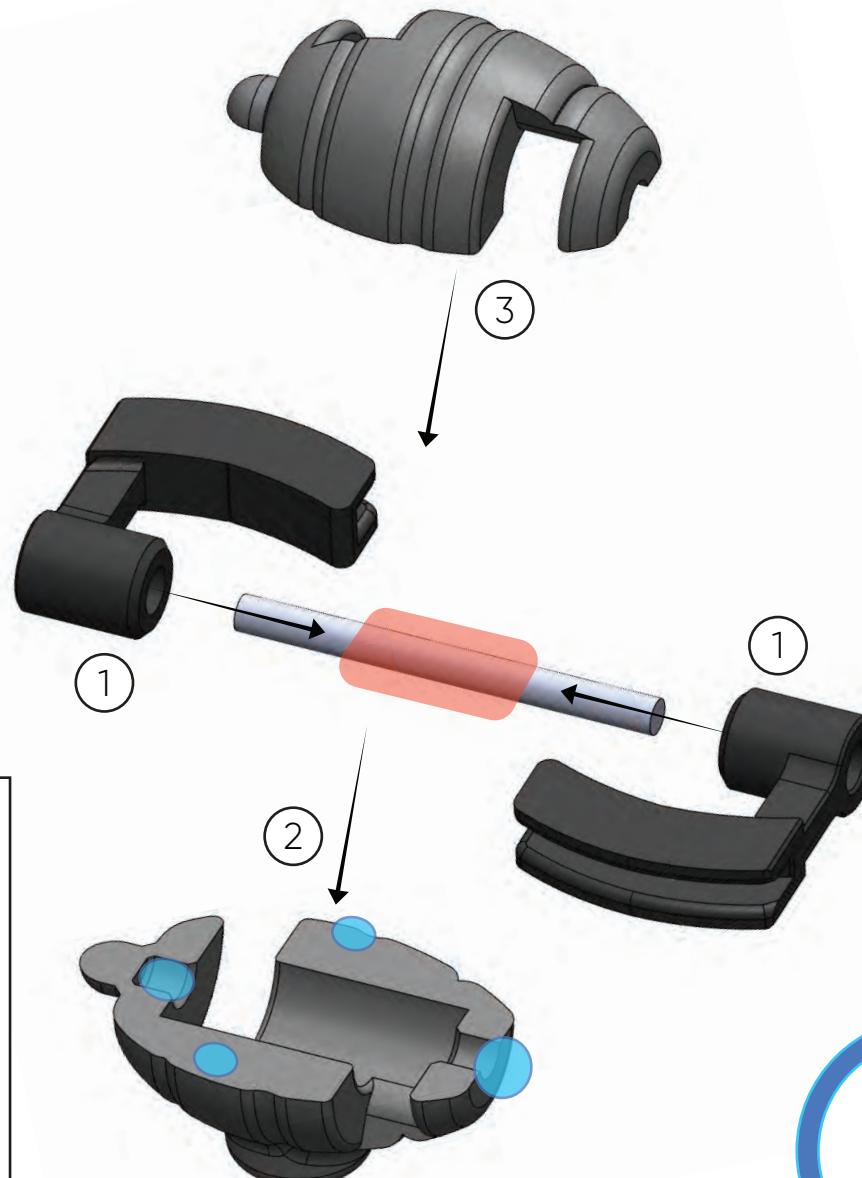
Discard yoke jig after  
assembly.



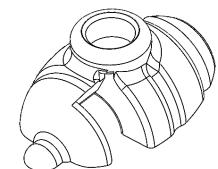
**3**

## Assemble the Hinge Body

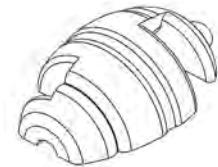
Do not let parts fuse  
within the orange zones



Hinge Barrels



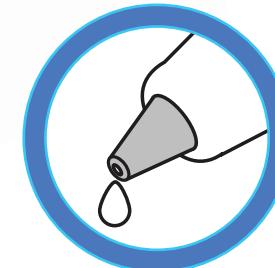
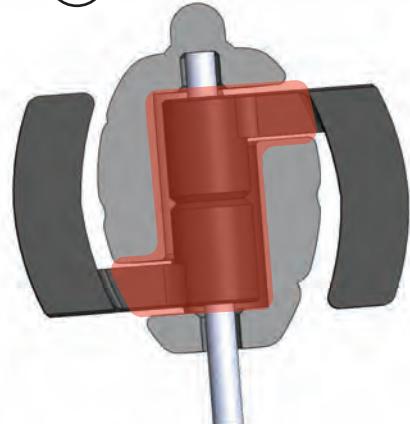
Thorax bottom



Thorax top

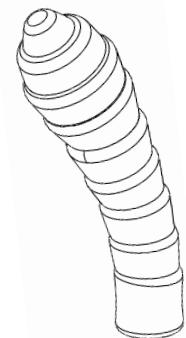
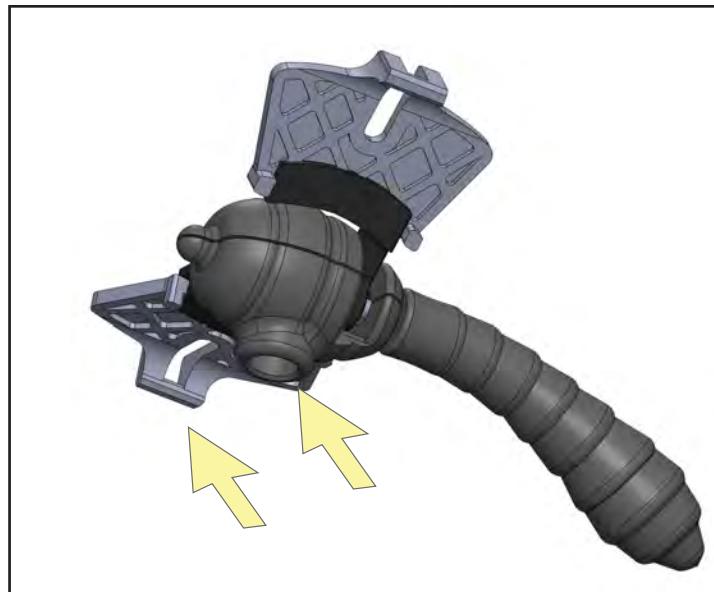
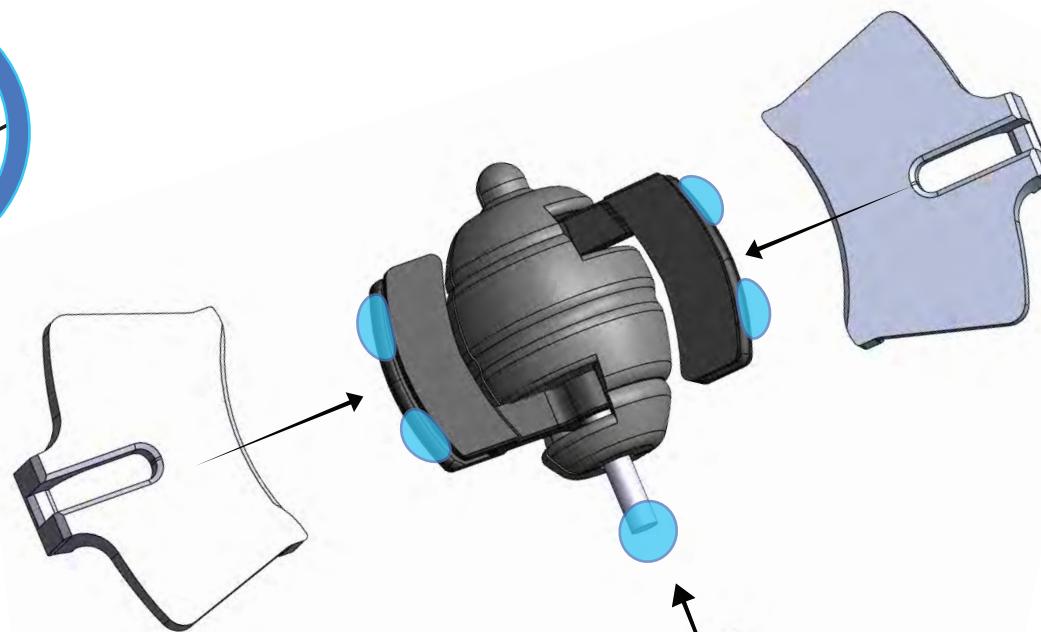
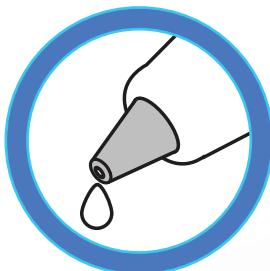


Hinge pin

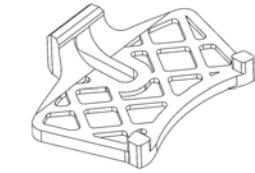
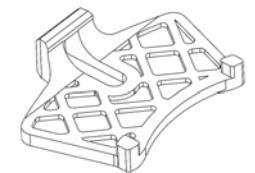


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## Assemble the Body



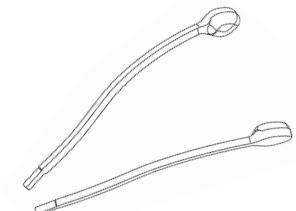
Abdomen



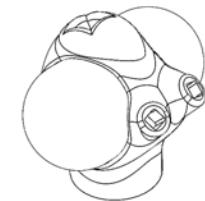
Wing Tabs

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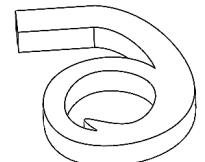
## Attach the head



Antennae



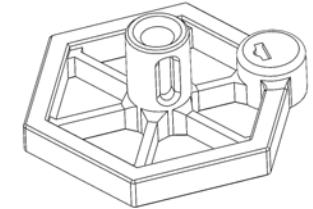
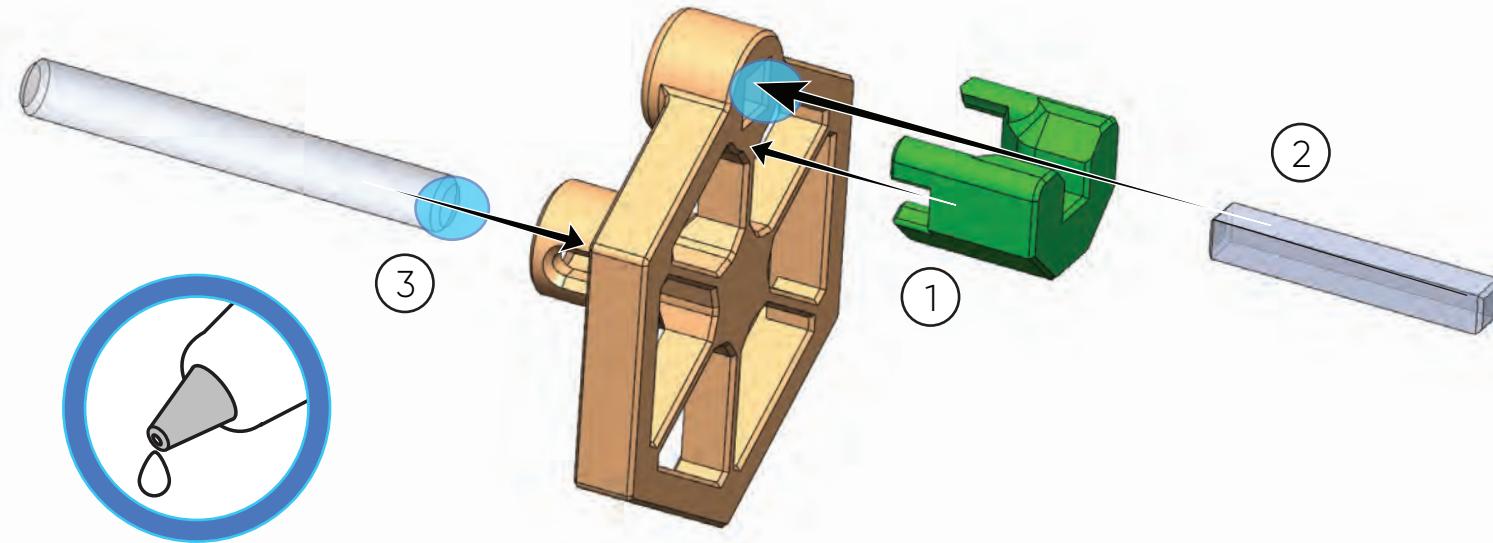
Head



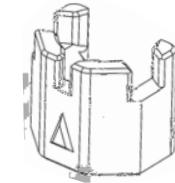
Proboscis

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## Assemble the First Hex Wheel



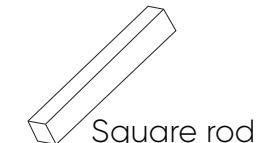
Hex Wheel



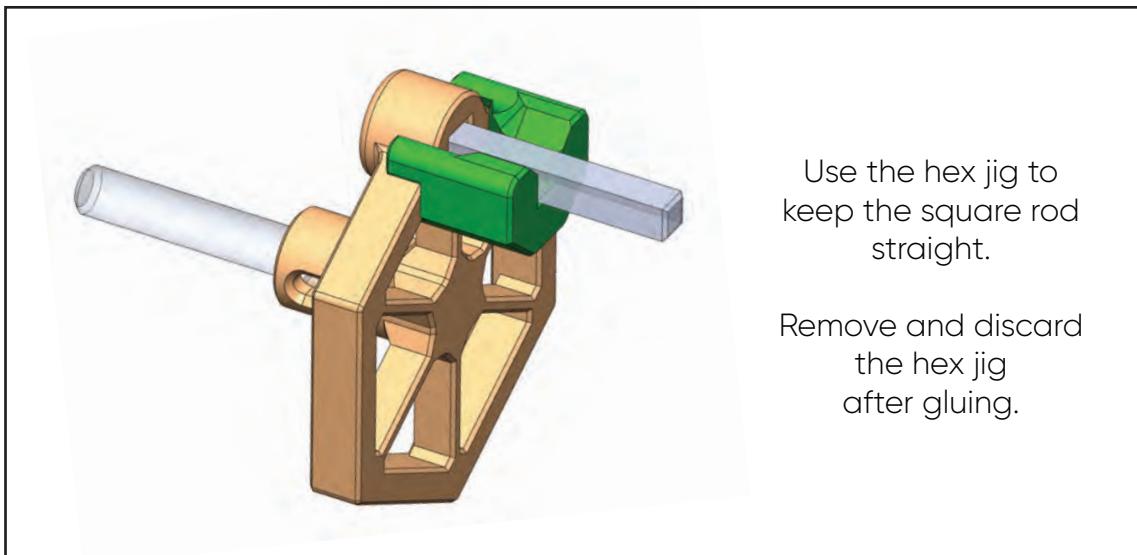
Hex Wheel Jig



Hex Wheel Rod



Square rod



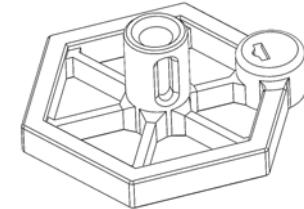
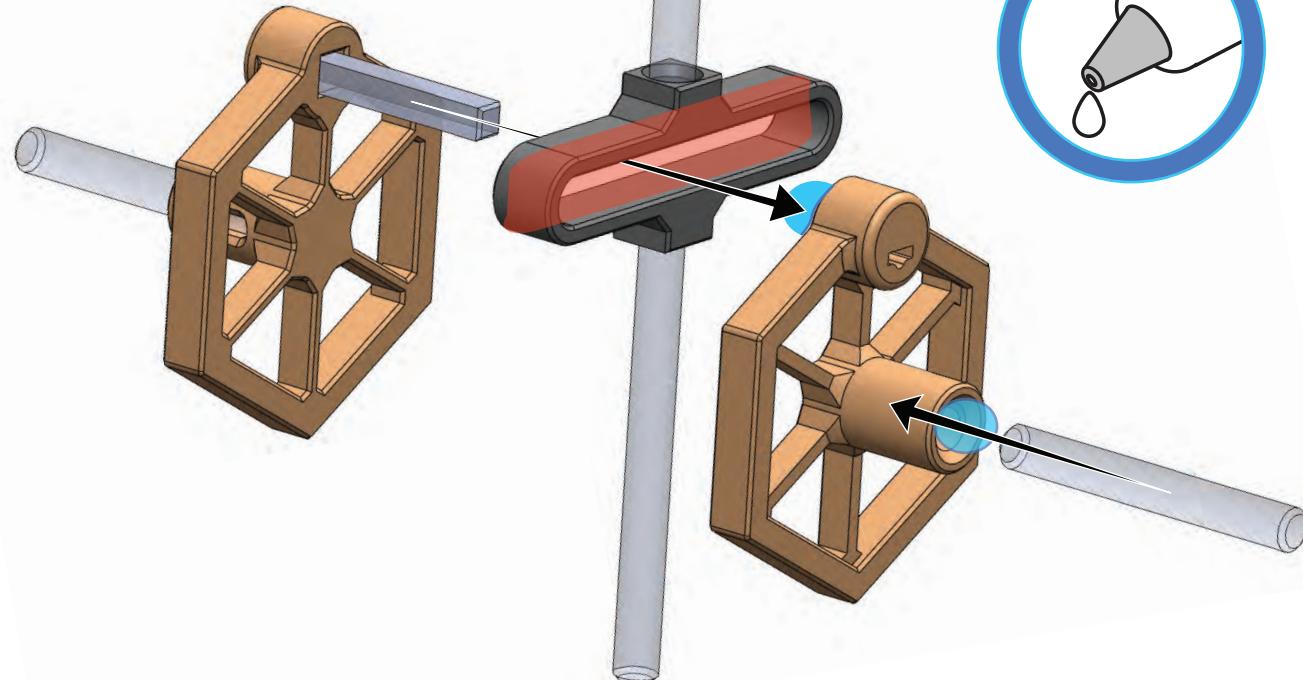
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## Capture the Yoke



Once cams are fused  
yoke should move freely.

Remove any excess glue in  
the area of motion.



Hex wheel



Hex Wheel Rod

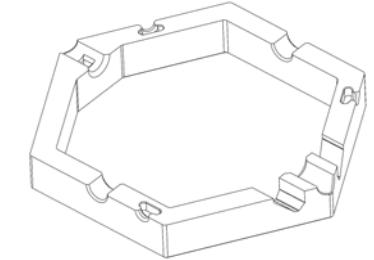
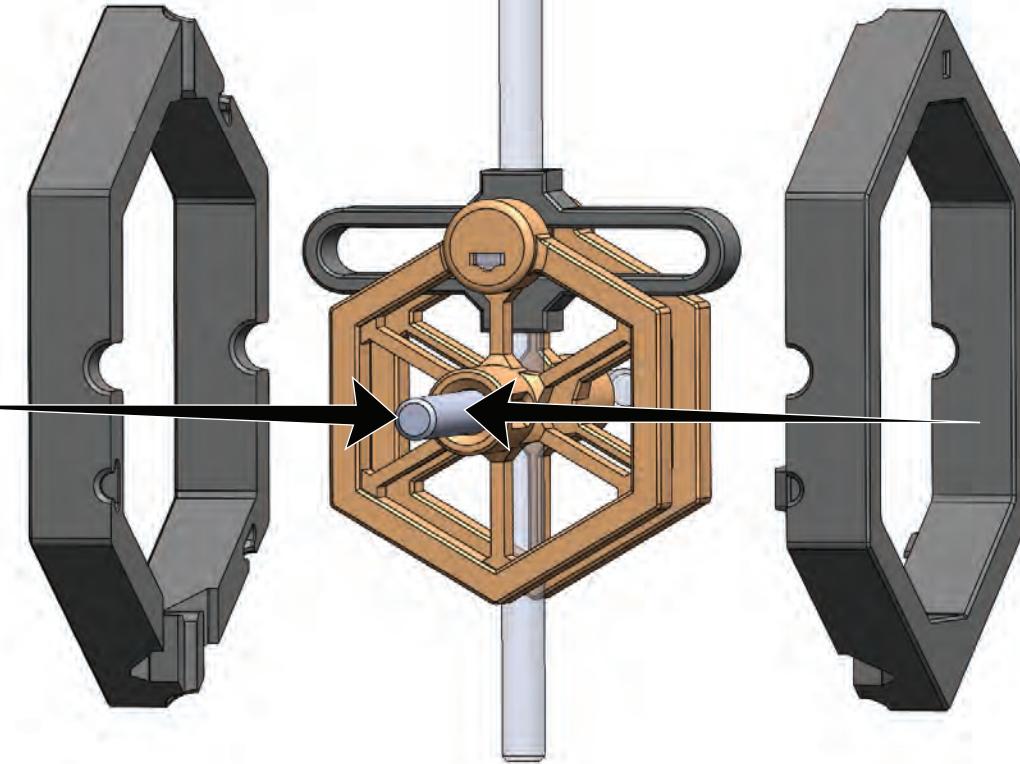
8

## Capture the Hex Cam

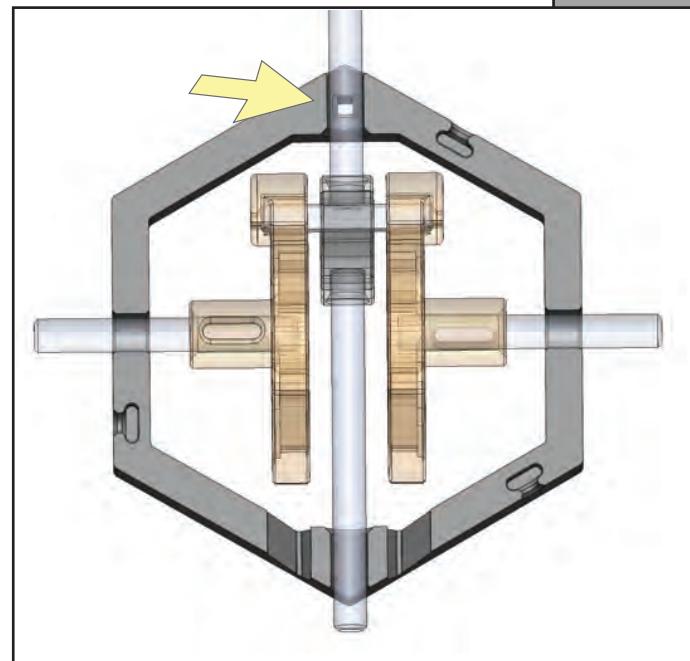
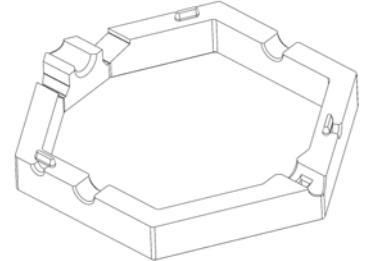


The longer rod must be laid through the top of the hub rings.

The top is noted by a small square window.

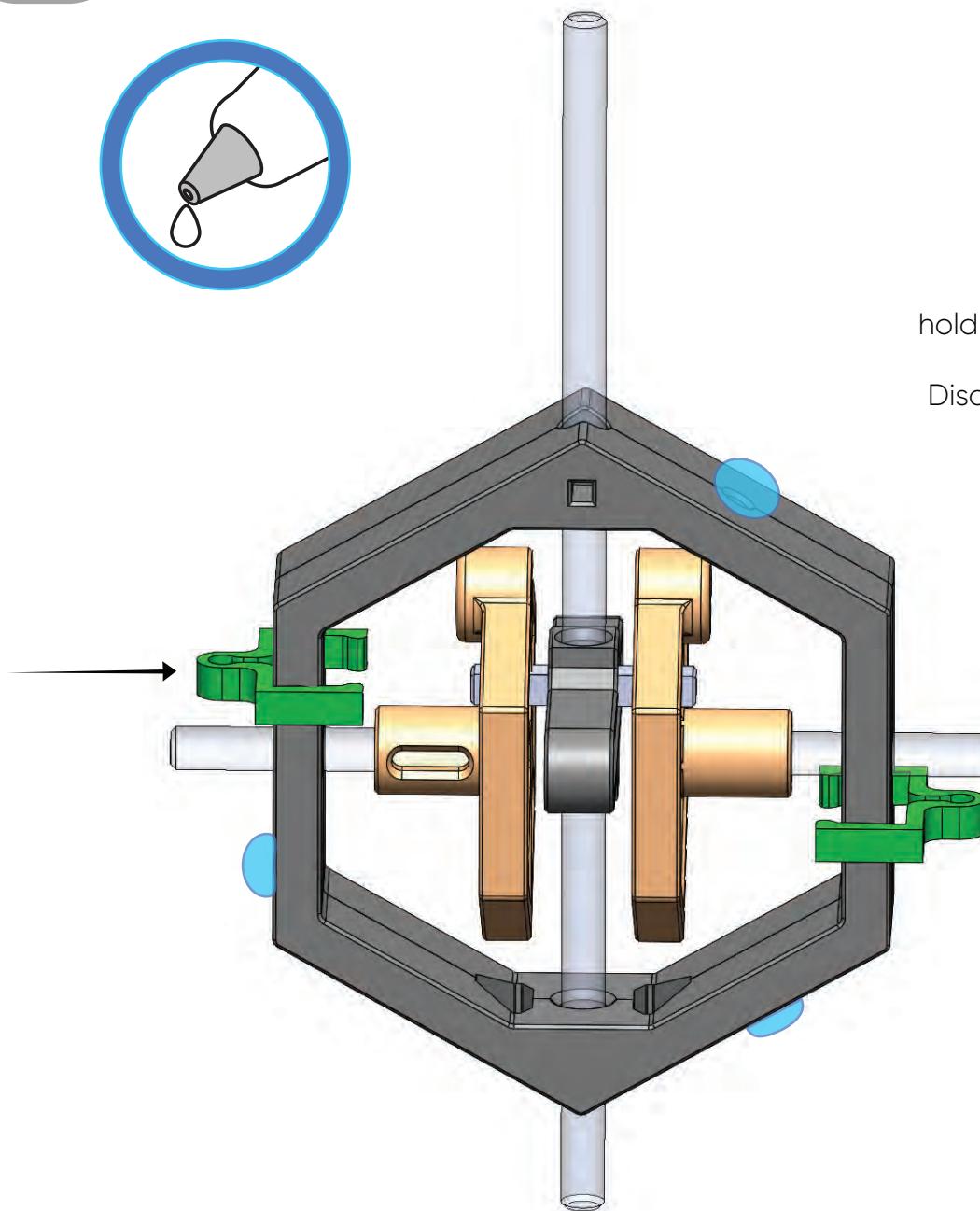
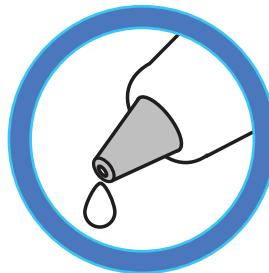


Hub Rings



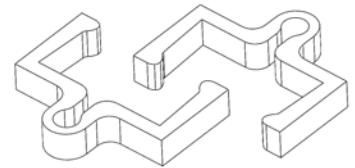
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## Fuse the Hub Rings

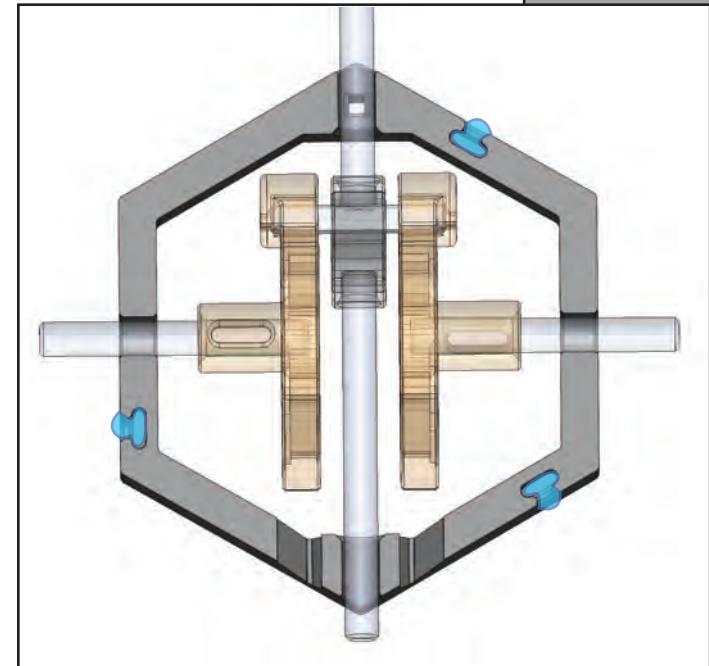


Use hub clamps to hold hub rings together for gluing.

Discard hub clamps after gluing.

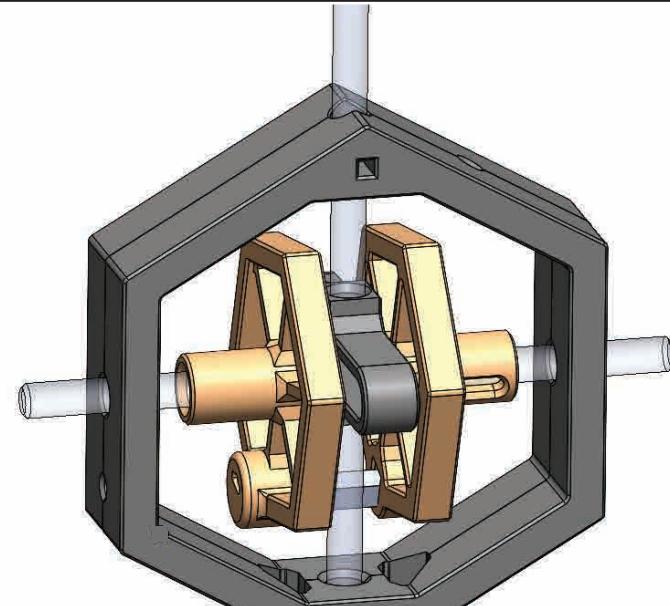


Hub Clamps



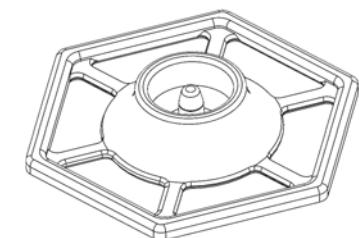
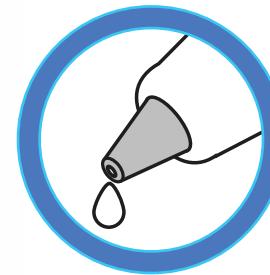
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## Assemble the Base

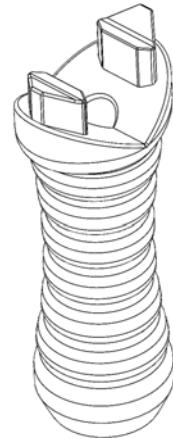


Do not let yoke parts  
fuse to base handle or  
hub rings.

Keep glue only on base handle  
prongs to prevent overflow  
into base handle channel.



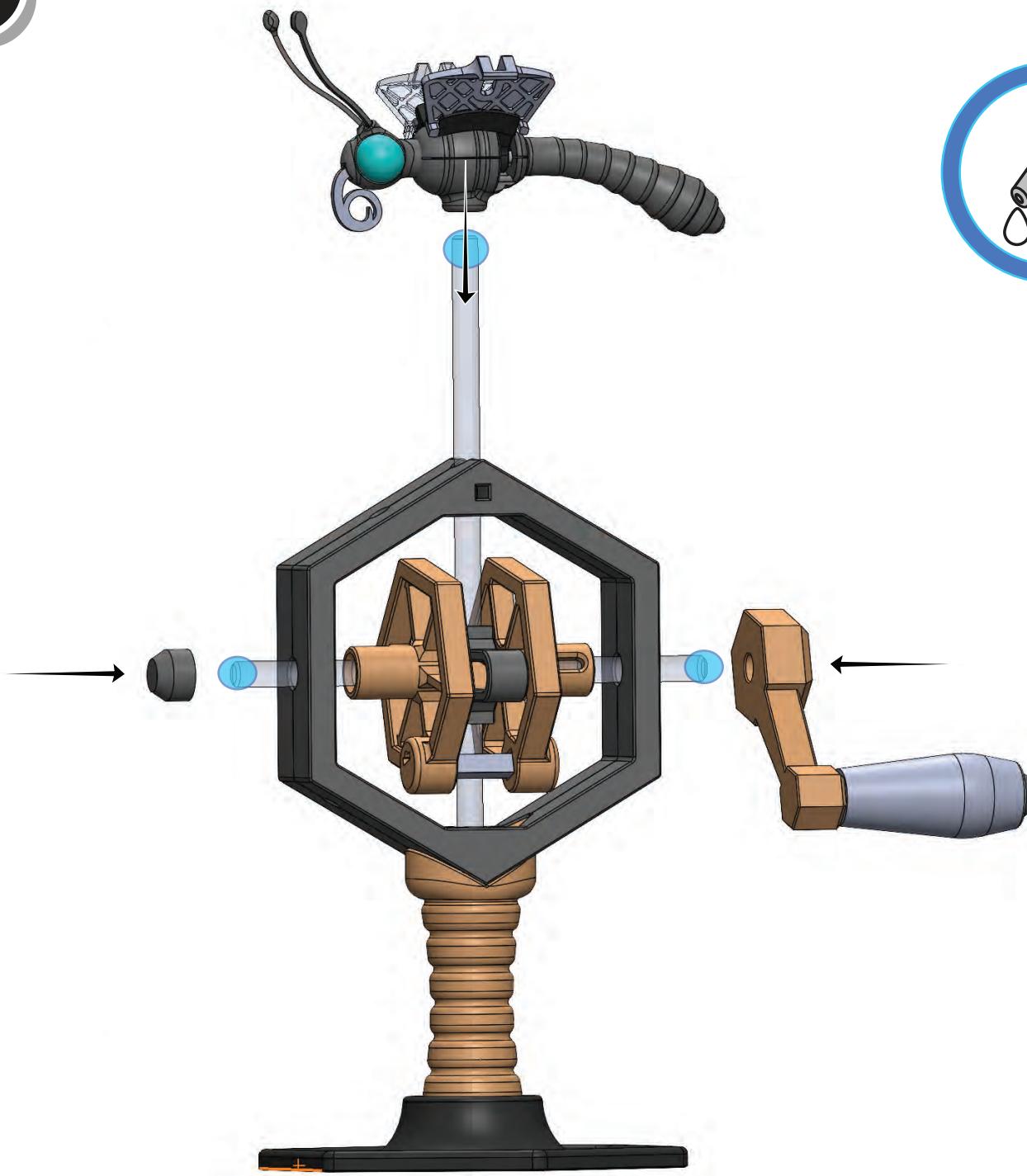
Base



Base Handle

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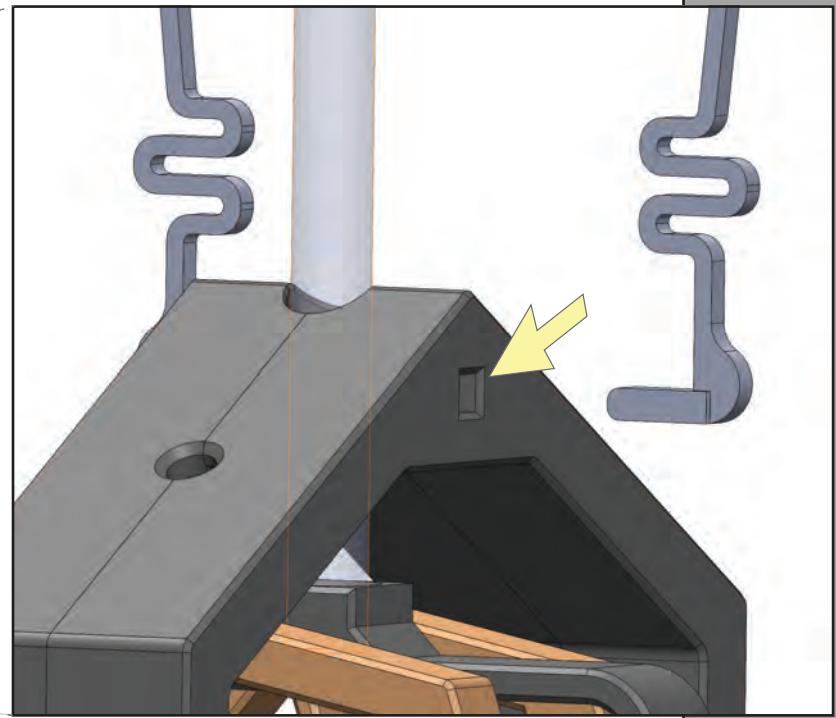
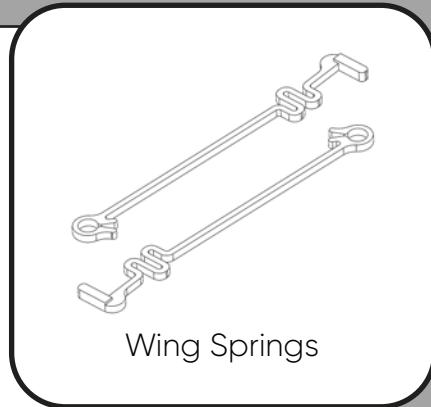
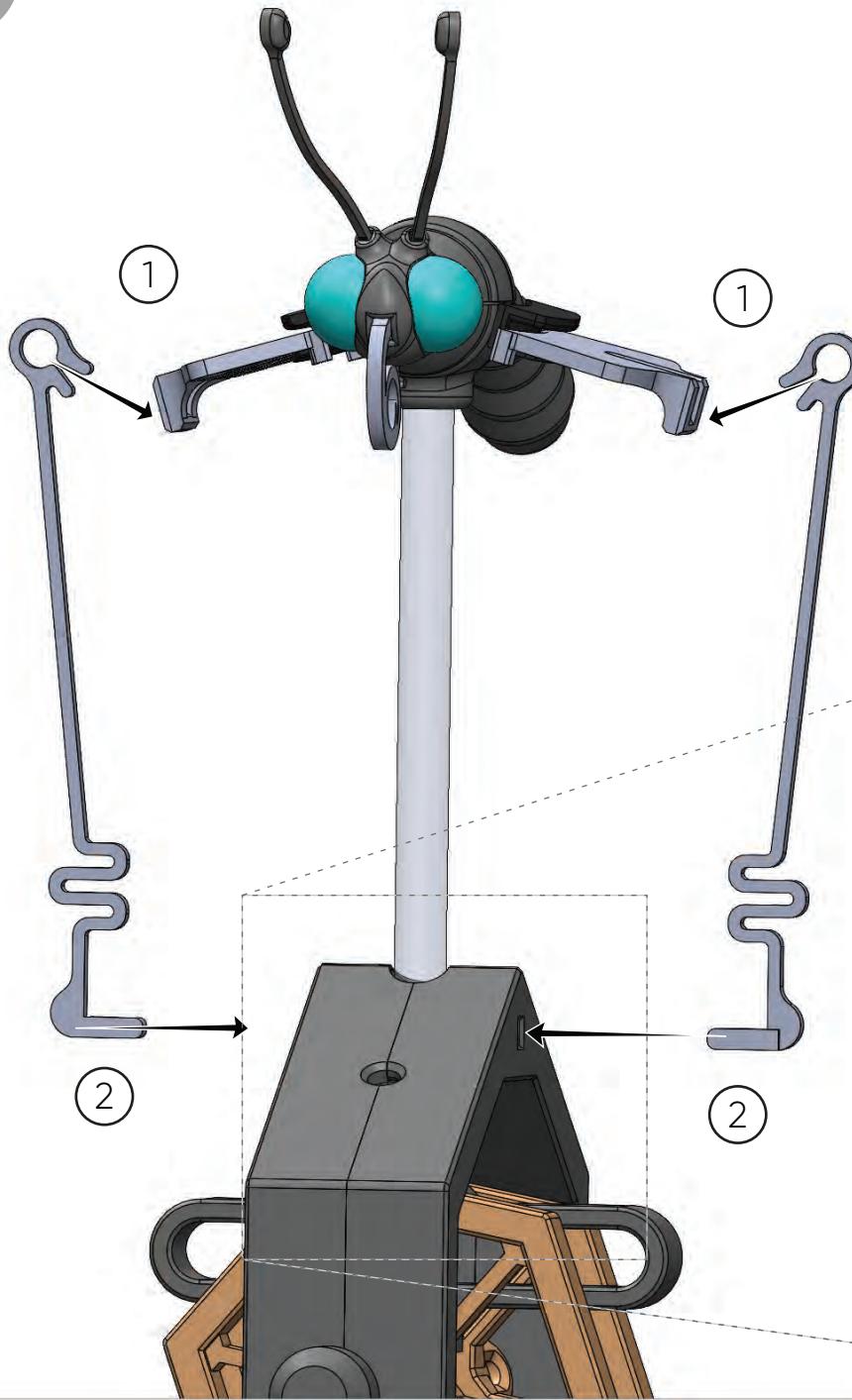
## Assemble the Crank and Puppet



Cam Cap

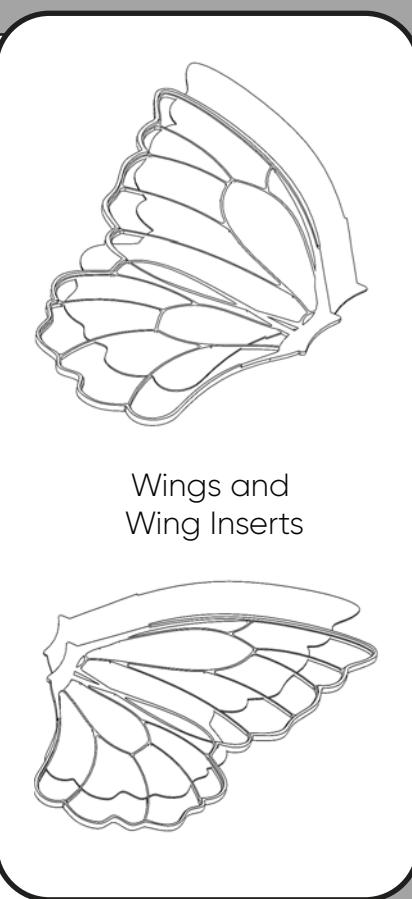
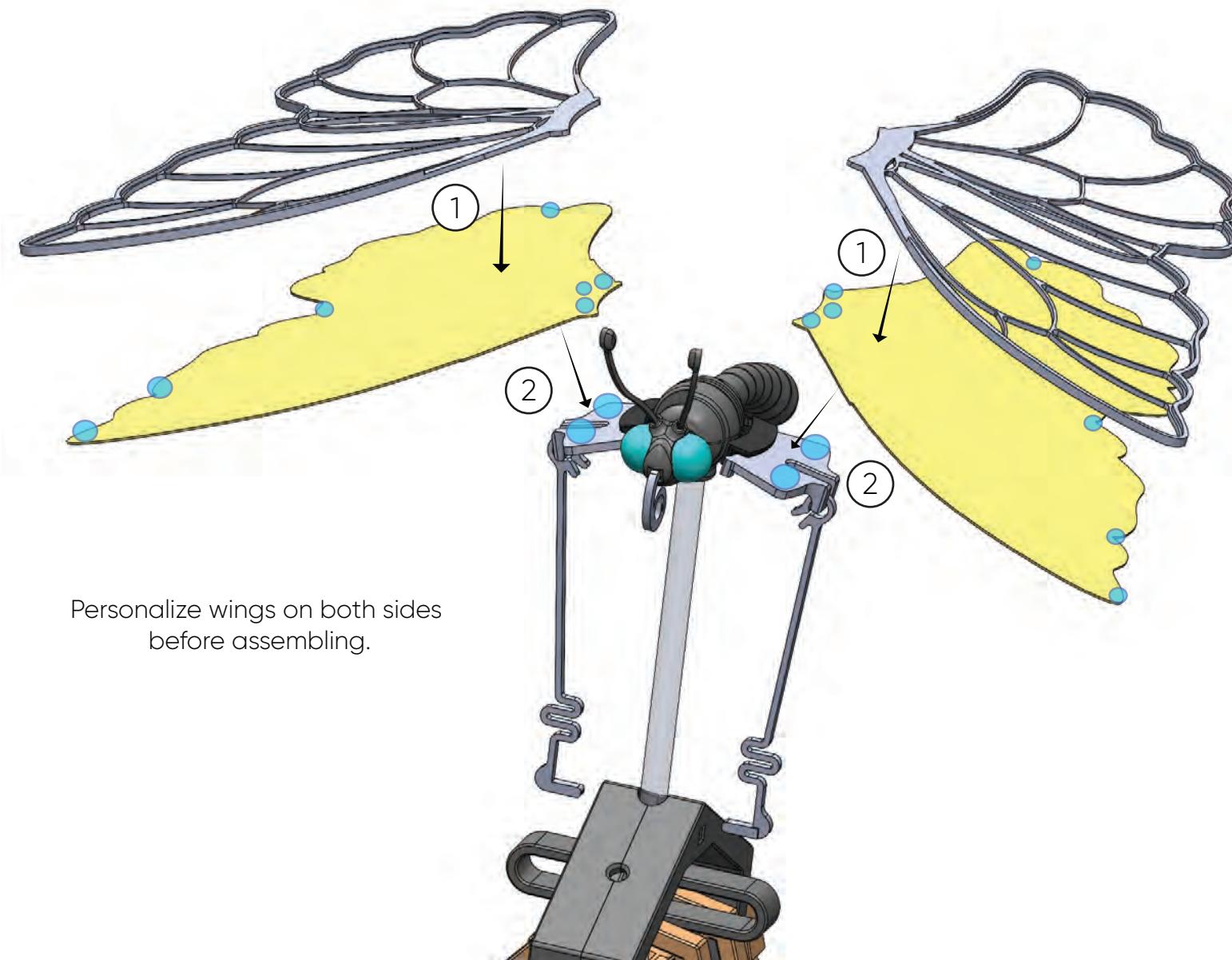
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## Add the Wing Springs



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## Assemble the Wings



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Success!

