

## TROUBLESHOOTING & TIPS

### **Ensure flowcaps are securely installed on the tubes/spokes!**

It is very important to twist the silicone flowcap until the buttons click into place in the polycarbonate tube. Leaving the cap misaligned on the tube will cause stress cracking as the constant pressure of the buttons affects the polycarbonate. It also ensures that your lights don't go flying! You've been warned - please check your caps before use. We cannot replace lights and caps that go flying for free due to incomplete installation.

### **Can the hubs deform?**

The flexible hubs are incredibly durable, but it is possible to weaken or permanently deform them by bending them too far. This will not happen during normal use, but do not bend them down flat against the shaft or store them in a deformed position for long periods.

### **Ensure shaft is fully inserted into hub before use!**

Hubs can shift overtime as drops twist and flex it. Please ensure your shaft is fully inserted before each use! We can't be responsible for hubs that go flying due to improper installation.

### **Are lights modular?**

Capsules and flowlights are modular and interchangeable. You just need a flow-light adaptor in your flowcap. Vision cores are not easily modular, but if you'd like to upgrade, we can help make it happen. Feel free to email us at [info@flowtoys.com](mailto:info@flowtoys.com).

### **Charging vision hubs?**

Avoid strain on the usb cables and jacks when charging: let the hubs hang over the edges of a table or chair, use a flowtoys kaizen rack, or remove one of the hubs.

## FOREVER FLOW LIFETIME WARRANTY

Flowtoys are designed to last you a lifetime, but nothing is indestructible, so we provide this warranty to enable you to freely find your flow\*.

If you manage to break a flowtoys product, we offer free replacements on defective or non-working parts due to intended use, and

50% credit for products in any condition at any time. Battery depletion is normal wear & tear and covered for free in first 2 years and a small fee after that.

If you need warranty support, please contact us at [support@flowtoys.com](mailto:support@flowtoys.com).

\* Please check [flowtoys.com](http://flowtoys.com) for full warranty details.

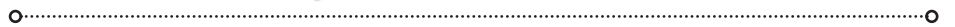
Flowtoys reserves the right to refuse coverage to anyone abusing this warranty.

Please contact us before sending in your product, or it may be returned to sender.



## TRIKON DRAGON STAFF & HUB

features  
operating instructions  
troubleshooting



Welcome to your new trikon dragon! Whether you just got empty hubs for your own shaft, a full staff with flowlights, capsules or vision cores, you're about to have loads of fun. Instructions on how to operate your lights are provided separately. This manual shows how to install your trikon hubs onto your shaft.

### **INSTALLING TRIKON HUB ONTO SHAFT**

Trikon hubs fit any of the 3 most common dragon staff diameters with a shaft adaptor:

- 19mm (3/4") with 19mm adaptor
- 22mm (7/8") with 22mm adaptor
- 25mm (1") directly onto 1" shaft with no adaptor



Your hub should include the appropriate adaptor for your shaft.

### **To install an adaptor**

- The open end of the adaptor should face the "inside" of the hub, where the shaft will be installed.
- The seam on the adaptor should align with the seam inside the hub where the bolt is. This ensures that the internal ribs that prevent twisting are aligned with their grooves.
- Overlap the two corners at the seam so the end of the adaptor can fit inside the hub. Push the adaptor into the hub.
- Adjust the two seam corners into place, so the adaptor lays flat inside the hub.

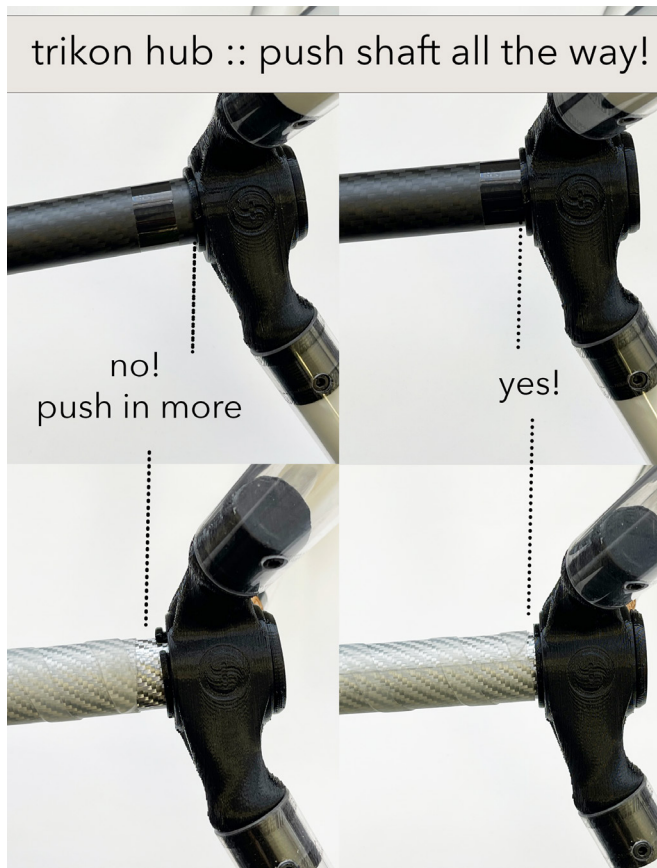
### **To remove an adaptor**



- There is a seam on the adaptor. Use your fingers or a key to push one corner of the seam inwards and over the other.
- Squeeze the two corners of the seam together to make the adaptor smaller. Push it out of the hub.

### To install the hub on a shaft

- The hub is designed to have a very tight fit, even when the bolt is completely loose.
- Use the included hex key to loosen the bolt a little. if you see any gap under the head of the bolt, it is as loose as it gets.
- Push the hub part way onto the shaft. Check that it is not getting caught on the adaptor. Make sure the shaft goes on straight, or it can jam into the side of the hub.
- Once it is on as far as you can push it with your hands, put the hub on the floor and use all your weight to push down on the shaft to be sure the shaft is inserted all the way. You can pound it into the floor to help.
- Don't worry about bending the spokes - they are almost indestructible, and that amount of flex will not permanently deform them.



### Tightening the bolt



- The bolt is intended to tighten the hub if it is too loose, or if it's getting looser over time.
- Do not tighten any more than necessary, as it will stretch the hub and reduce the ability to tighten it more later, if needed.
- Start with the bolt "snug" - there should be no gap underneath the head, but it should not be "tight".
- If you find your hubs spin on the shaft too easily, or work themselves off during use, tighten the bolt until the hub feels stable enough for your use.

### Attaching a trikon hub onto your own shaft?

The outer edge of your shaft should be rounded smooth to avoid damage to the hub or insert. Flowtoys shafts should come this way, but if you are using your own, you might need to file/sand it down.

trikon hub ::  
make sure your shaft end is smooth

