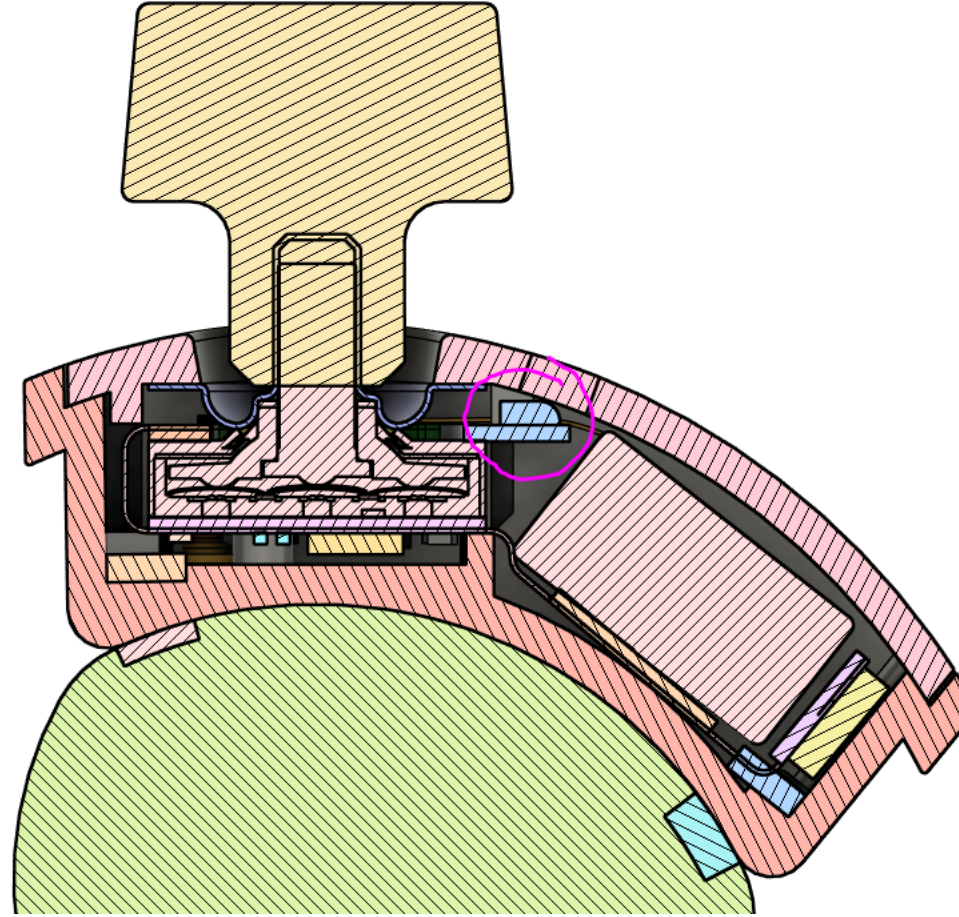
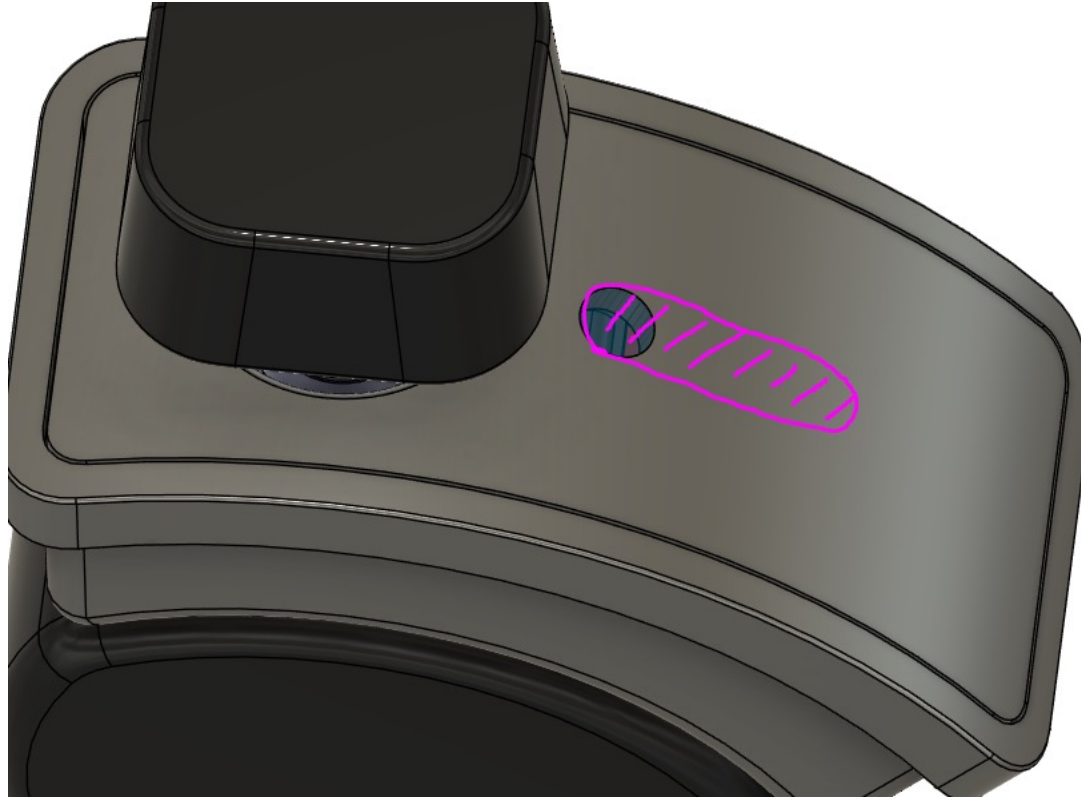




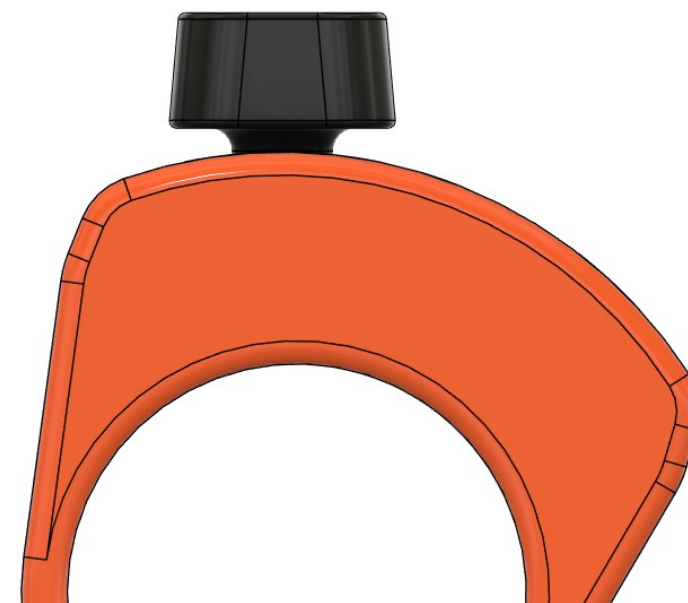
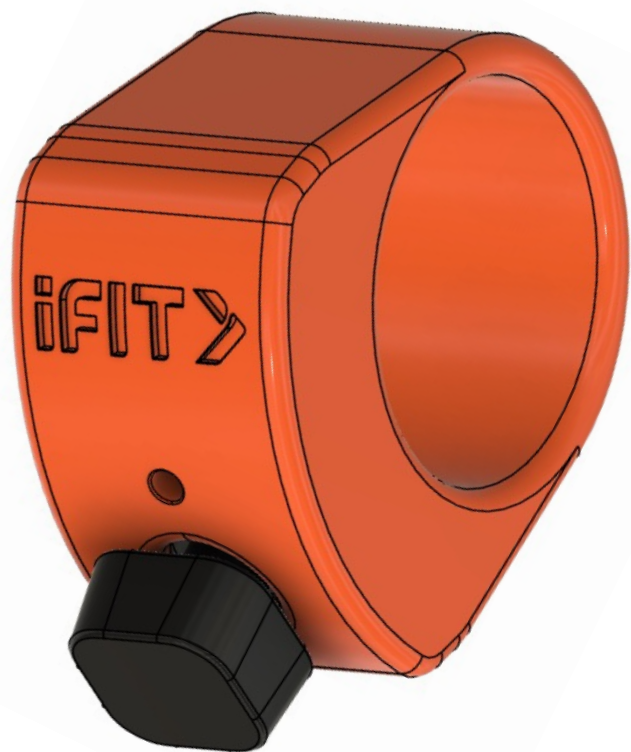
LED is closer to the joystick than Native's design



This is due to the location of the battery. If we were to re-engineer the PCBA to have the LED further to the right we would have to re-certify. In order to deliver products in time for the launch at CES putting the LED in the area circled will be the quickest and easiest route.



One option we're looking at is to have a frosted surface strip in the top of the plastic case. With the LED in the position shown in the previous CAD this could diffuse the light further away from the joystick with the aperture in the outer silicone being more in the centre of the space between the joystick and the iFIT logo (as per Native's design).



The joystick cap dimensions are:  
9.8 x 9.8 mm at the bottom  
9.05 x 9.05 mm at the top  
Height is 5mm



The charging post magnetic strip (shown in grey), at the bottom right, needs to be off-center due to the position of the pogo pins. We could move the pogo pins but that would require more engineering changes on the PCBA to move the contact pads. Our suggestion is to go with the option shown here – when the post is on it's side the user is unlikely to notice the asymmetrical location of the strips.



Changes to the five size silicone ring design to incorporate:

- larger joystick cap
- LED aperture
- debossed iFIT logo.

We will continue to look at options to colour the logo by painting or some other method to make it stand out.



An option for the future – including the strap mount on the left as an accessory for users to attach the ring to the handles of NordicTrack ellipticals, bikes and rowers.