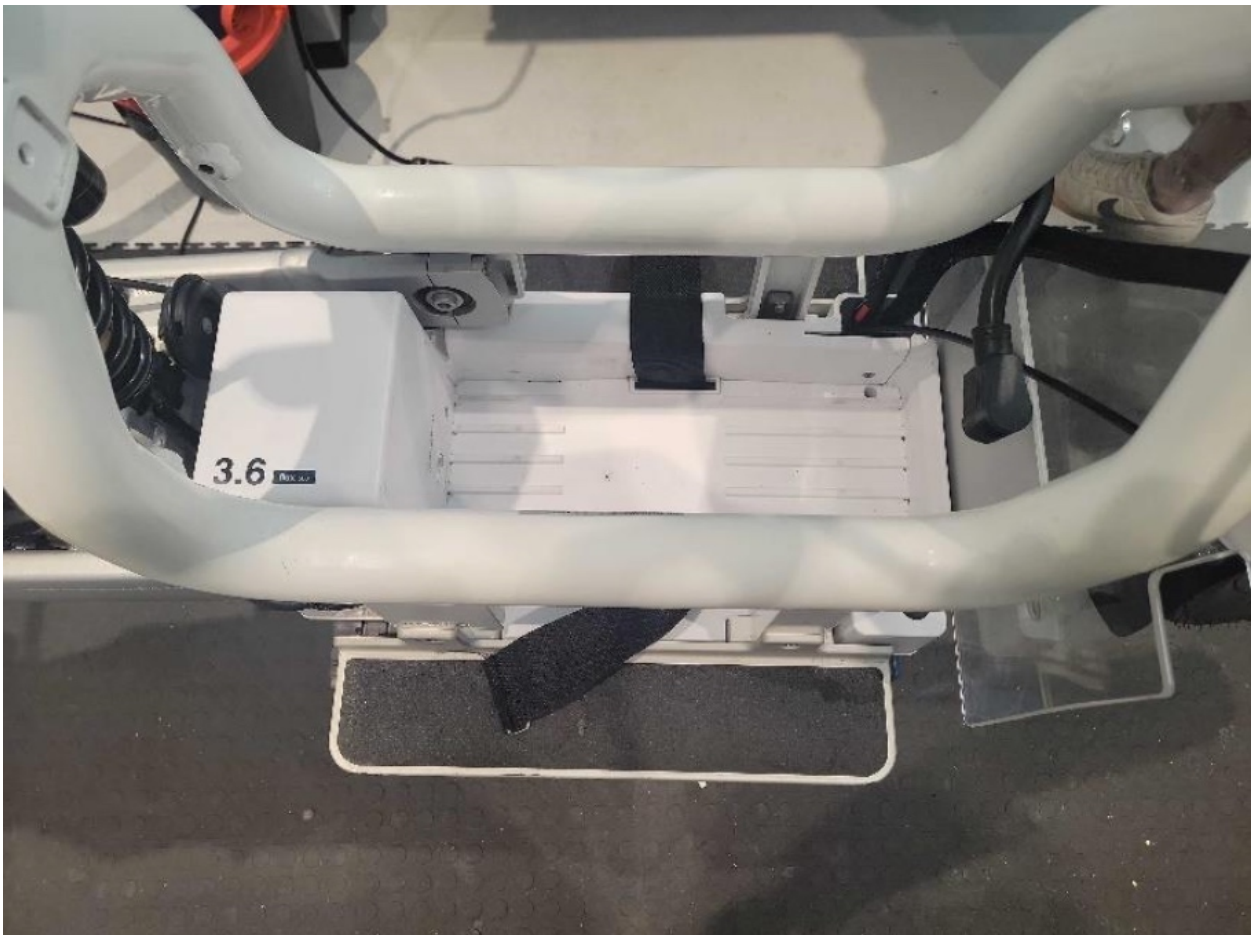


Find below the process required for replacing the controller on the Cake Makka.

Tools Required: T25 key/bit, T30 key/bit, and an 8mm socket and driver.



Step 1: Remove the battery completely.



Step 2: Using a T25, remove the 4 securing bolts for the controller cover. A small note - The bolt on the right side of the cover can be tricky to access, as it is behind the main power cable to the rear wheel (photo below of its location).

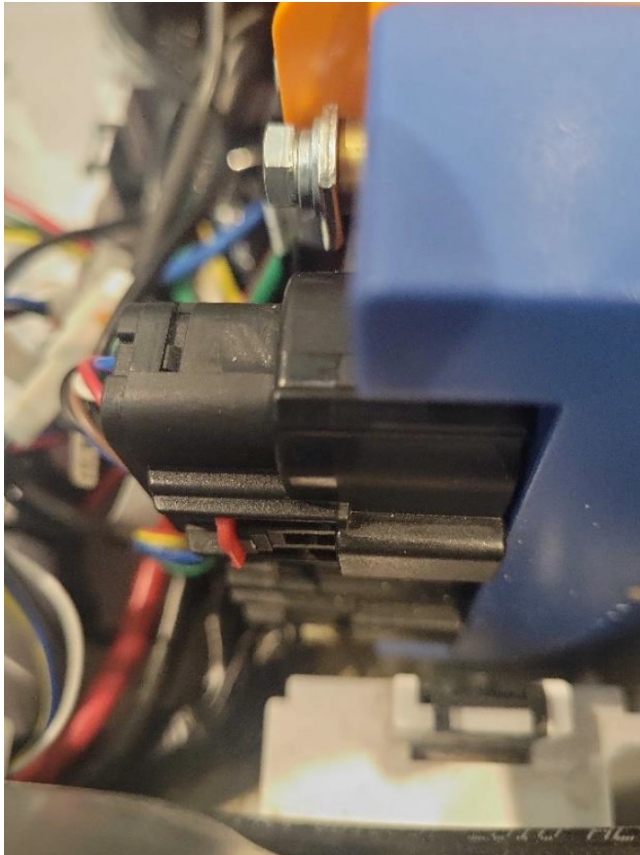


Step 2B: After you have the cover removed, take a few good photos of this area, particularly the cable connections. It can be helpful to reference these photos when installing the replacement controller.

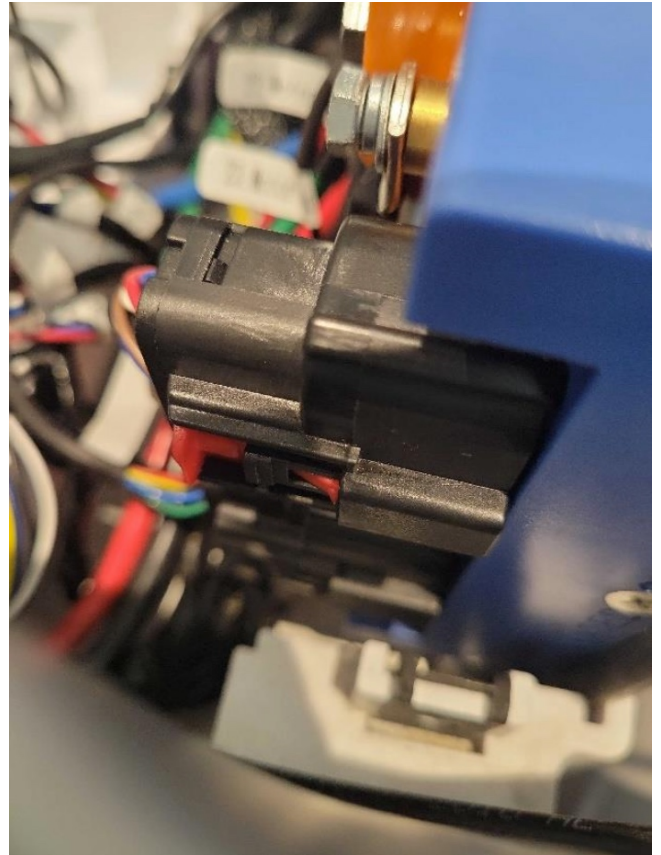


Step 3: From here, we will methodically begin to remove the controller connections themselves. Starting with the large black plug on the upper right corner of the controller. This plug has a red safety clip that must be disengaged before the connection can be unplugged. See photos below.

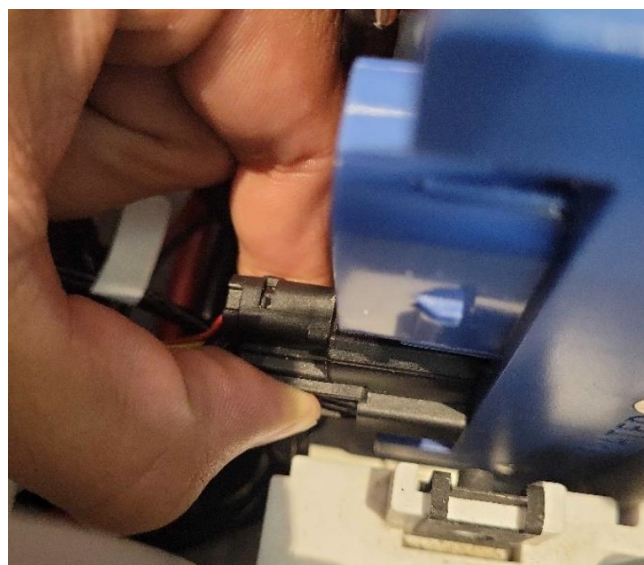
Red clip engaged



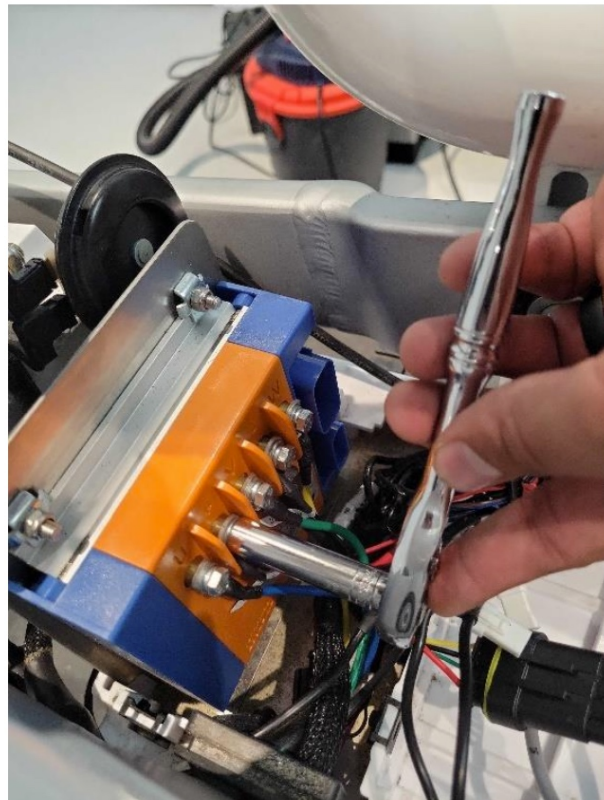
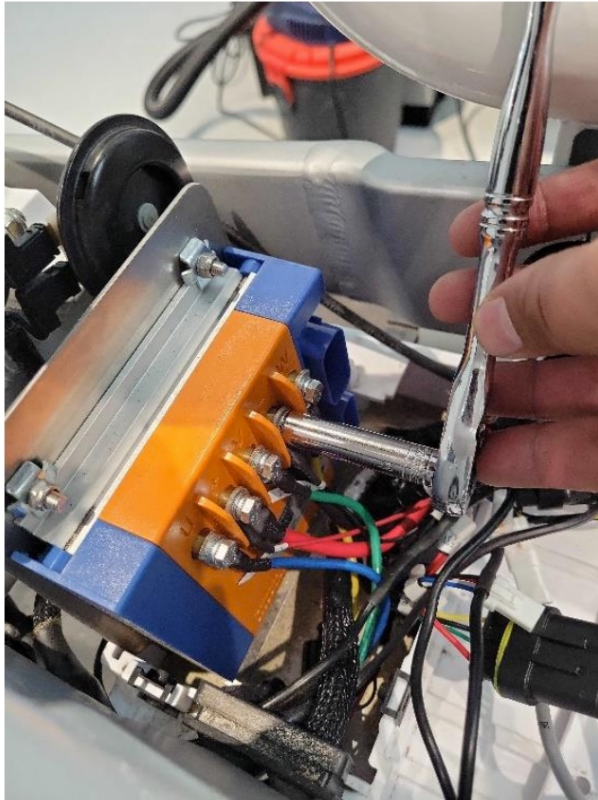
Red clip disengaged



Then we will unplug the slightly smaller plug just beneath the first. This plug has a clip that must be pushed in prior to unplugging similar to the first (minus the red safety clip).



Step 4: Using an 8mm socket, remove the 5 main controller connections next.



Step 5: With all the controller connections removed, we will then remove the 2 securing T30 screws beneath the bike. With these 2 bolts removed, the controller will be able to come up and out of the bike.



Step 6: Using an 8mm socket, remove the 4 securing bolts that secure the controller to the mounting bracket.



From here, we will begin to reverse the steps above to install the new controller.