

CAKE Makka – Removing the Rear Wheel

Tools Required:

21mm socket

24mm deep socket

8mm socket

Torx T20 bit/driver

Torx T25 bit/driver

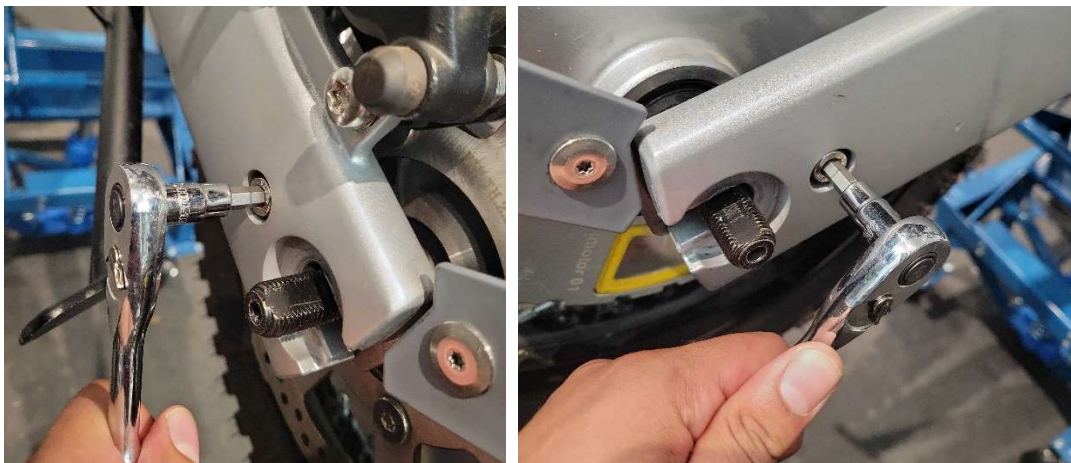
6mm Allen wrench/key

Step 1: Remove the battery from the bike.

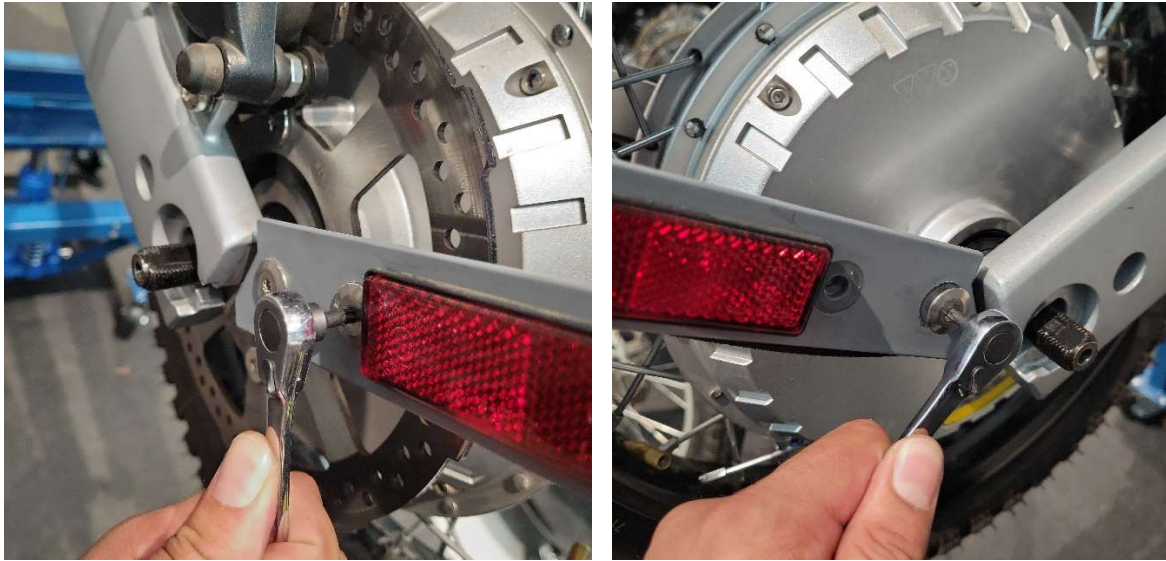
Step 2: Using a 21mm and 24mm socket, remove the 21mm Axle locknut on both sides, followed by the larger (and thinner) 24mm axle nut.



Step 3: Using a 6mm Allen wrench, remove the 2 X 6mm bolts that secure the rear fender bracket



Step 4: Using a Torx T20, remove the 4 securing bolts for the rear fender.



Tip: If you have a short strap, supporting the rear fender can help keep it out of the way during the wheel removal.



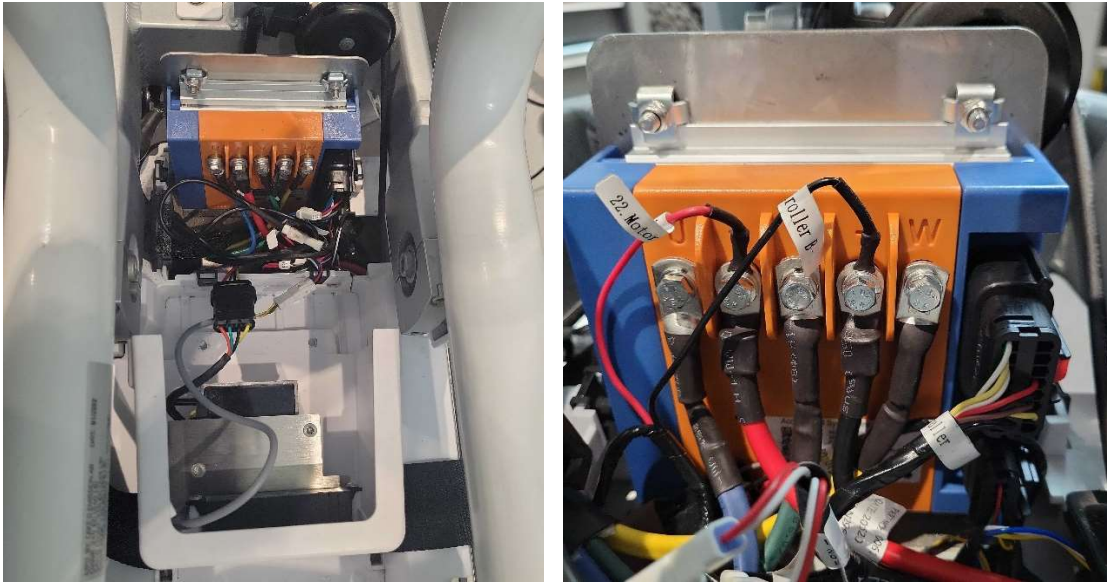
Step 5: There are 3 power cable guides that secure the main power cord to the inside of the swingarm. Using a Torx T25, remove the 3 cable guides. Tip: Sometimes the cable guide closest to the rear hub can be hard to access. Waiting to remove this cable guide until you can pull the rear wheel back and out of the way can be a work-around for this.



Step 6: Using a Torx T25, remove the 4 securing bolts for the controller box cover. Tip: 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).



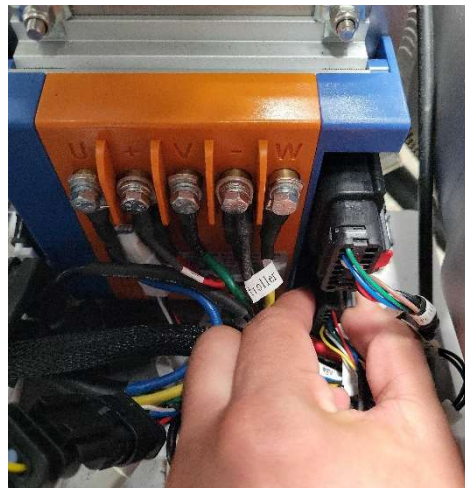
Step 7: Partially remove the controller box cover. Rest it in the battery tray, as there is no need to disconnect the connections running from it to the controller.



Step 8: Using a 8mm socket, remove the 3 phase cable connections to the controller.



Step 9: Unplug the 6 pin plastic connection on the motor power cable.



Step 10: Whew! Disassembly is complete. The rear wheel will now be able to slide back and out of the swingarm. Reverse the steps above for re-installation.

