

Required Tools: (Not included)

A. 3 mm Allen wrench
B. 5 mm Allen wrench

C. Flat head screwdriver
D. Phillips screwdriver

E. Cutting pliers

⚠WARNING

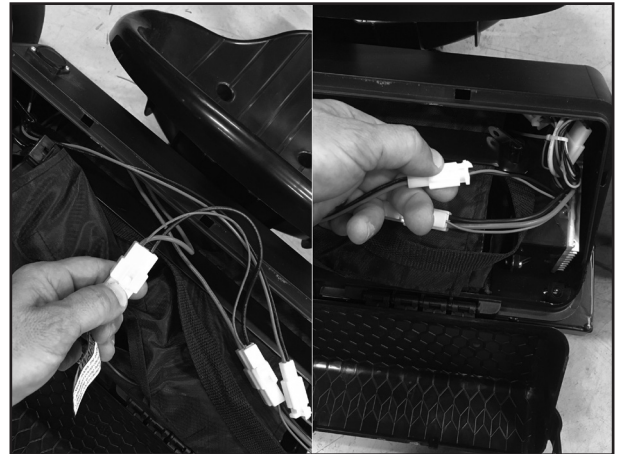
⚠CAUTION: To avoid potential shock or other injury, turn power switch OFF and disconnect charger before performing any assembly or maintenance procedures. Failure to follow these steps in the correct order may cause irreparable damage.

Step 1

Open the battery compartment by lifting the tabs at both sides of the battery compartment.

**Step 2**

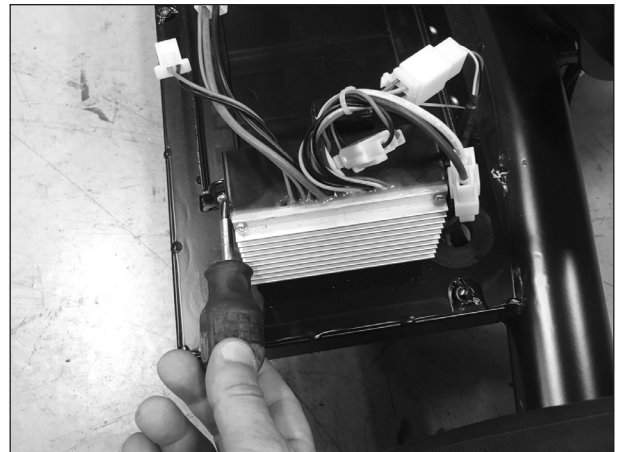
Locate and disconnect the battery from the controller along with the connector from the wire harness and charger port.

**Step 3**

Using a 5 mm Allen wrench remove five (5) Allen bolts. Two (2) on the outside of the cover and three (3) more located inside the battery cover.

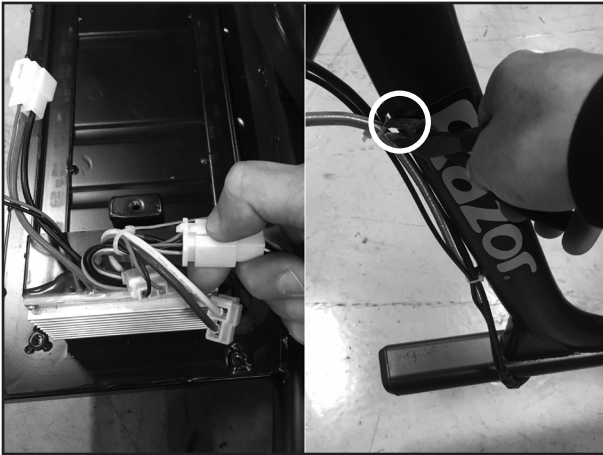
**Step 4**

Lift and remove the battery cover from the unit and set aside. Using a Phillips screwdriver, remove the two (2) screws, one on each side of the controller. Install the new control module.



Step 5

Locate and disconnect the throttle from the controller and using some cutting pliers, cut the zip ties that keep the throttle wire attached to the frame.



Step 6

Using a 3 mm Allen wrench, loosen the set screw located at the bottom of the light indicator from the throttle and move throttle away from the grip.



Step 7

Carefully wedge a flat head screwdriver under the edge of the handlebar grip and add a small amount of lubricant or water and remove the grip. Remove the grip and set aside.



Step 8

Reverse the procedures

- Put the new throttle in place and secure it, clean the grip from any water or lubricant and re-install.
- Reconnect the throttle to the controller.
- Reattach battery and battery compartment.

Attention: Charge battery for 12 hours before using.