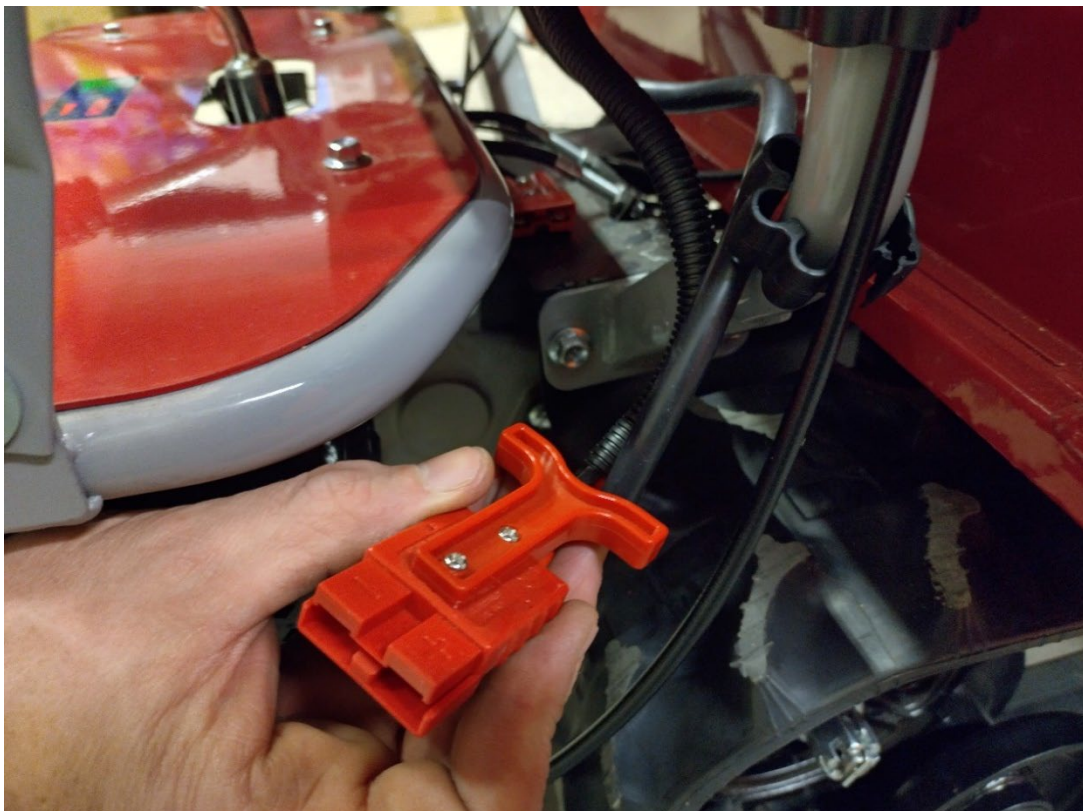


Replacing the speed sensor on the Mule electric tracked dumper/barrow (TPM250E)

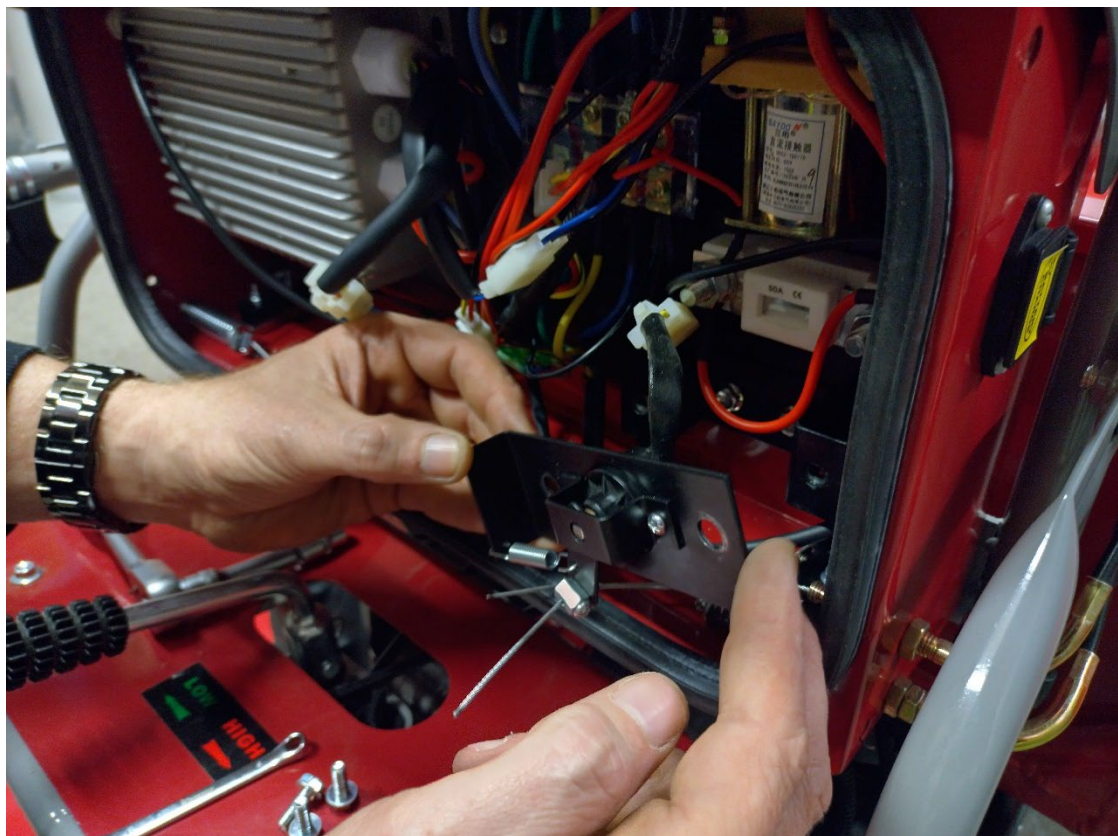
- 1) Disconnect the main power connector prior to beginning this job.



- 2) Undo the four 10mm bolts on the control panel cover (two on each side of the machine, circled in blue) to gain access to the speed sensor.

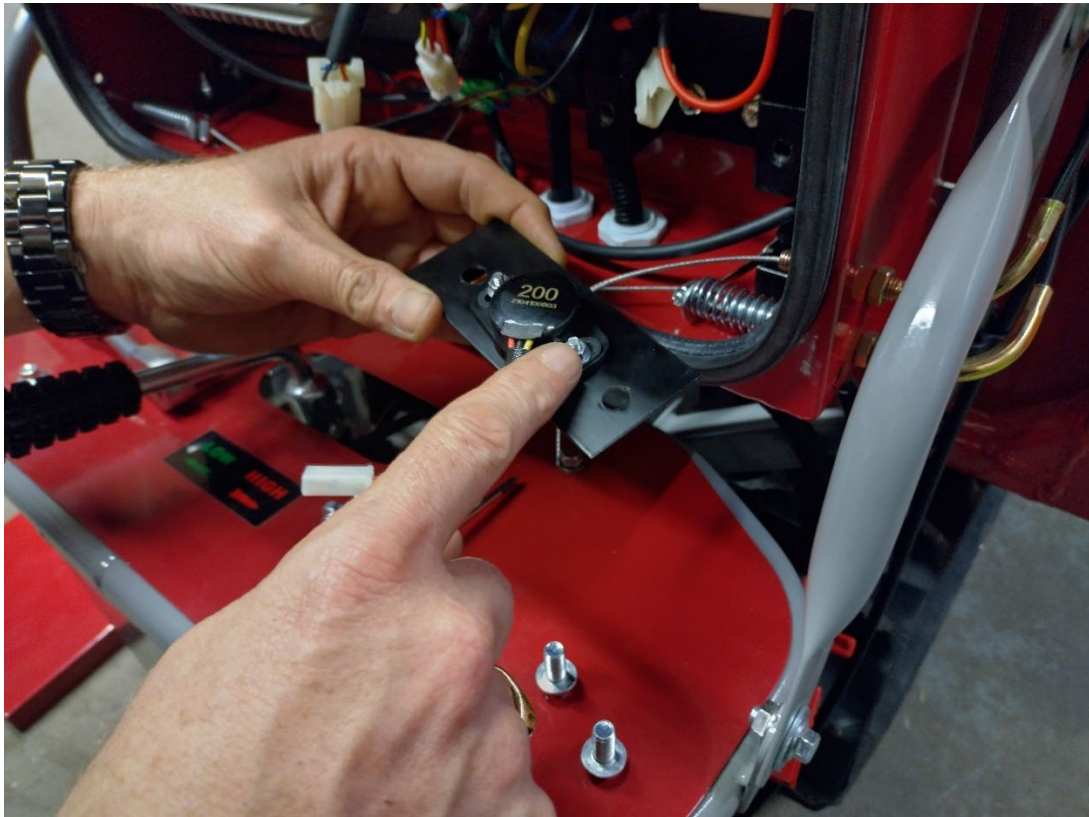


- 3) Once you have access to the control panel area, remove the two 10mm bolts that hold the speed controller housing on.

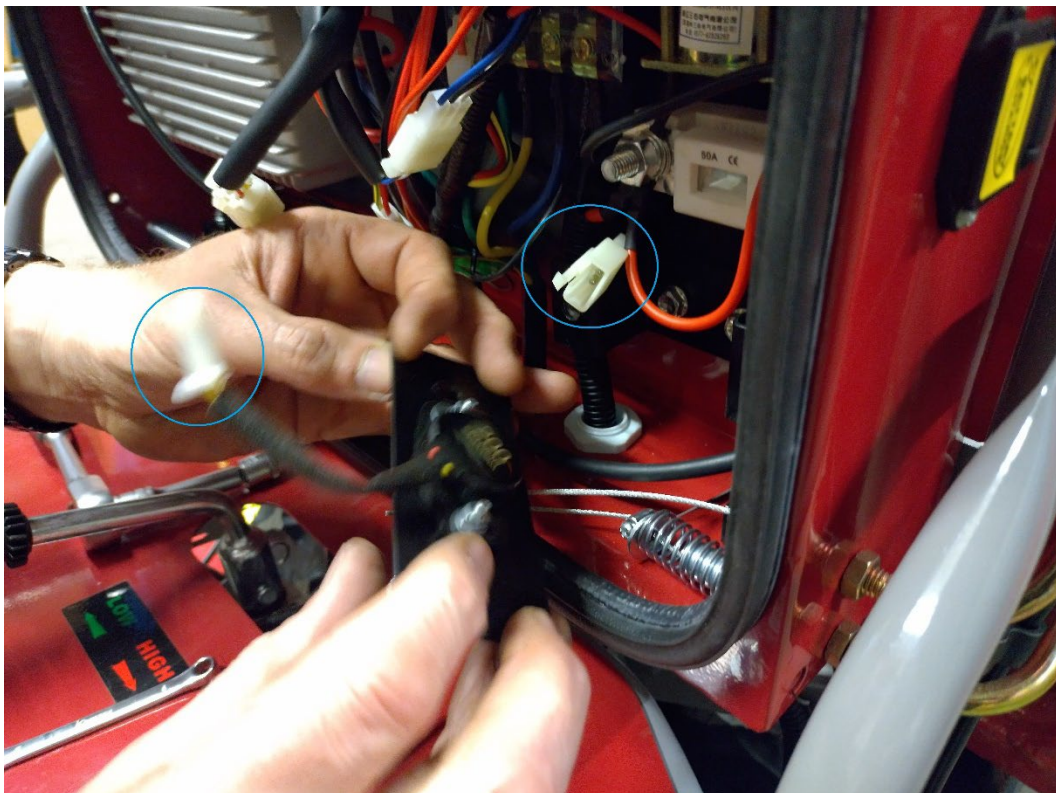
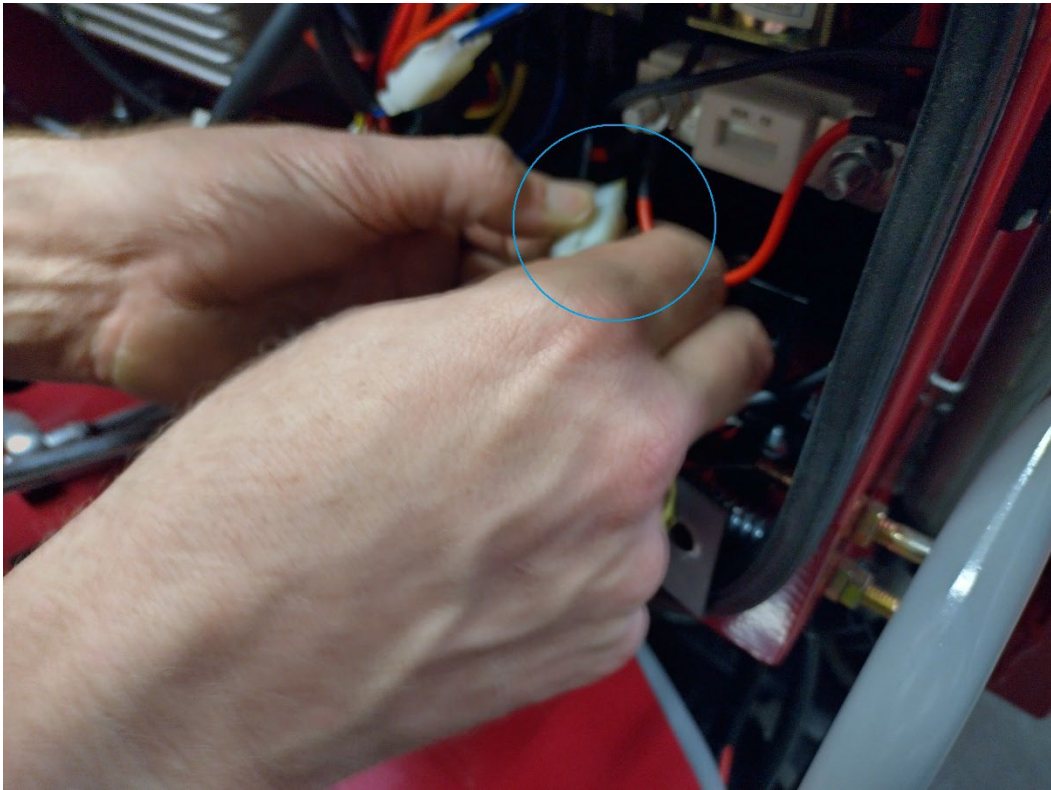


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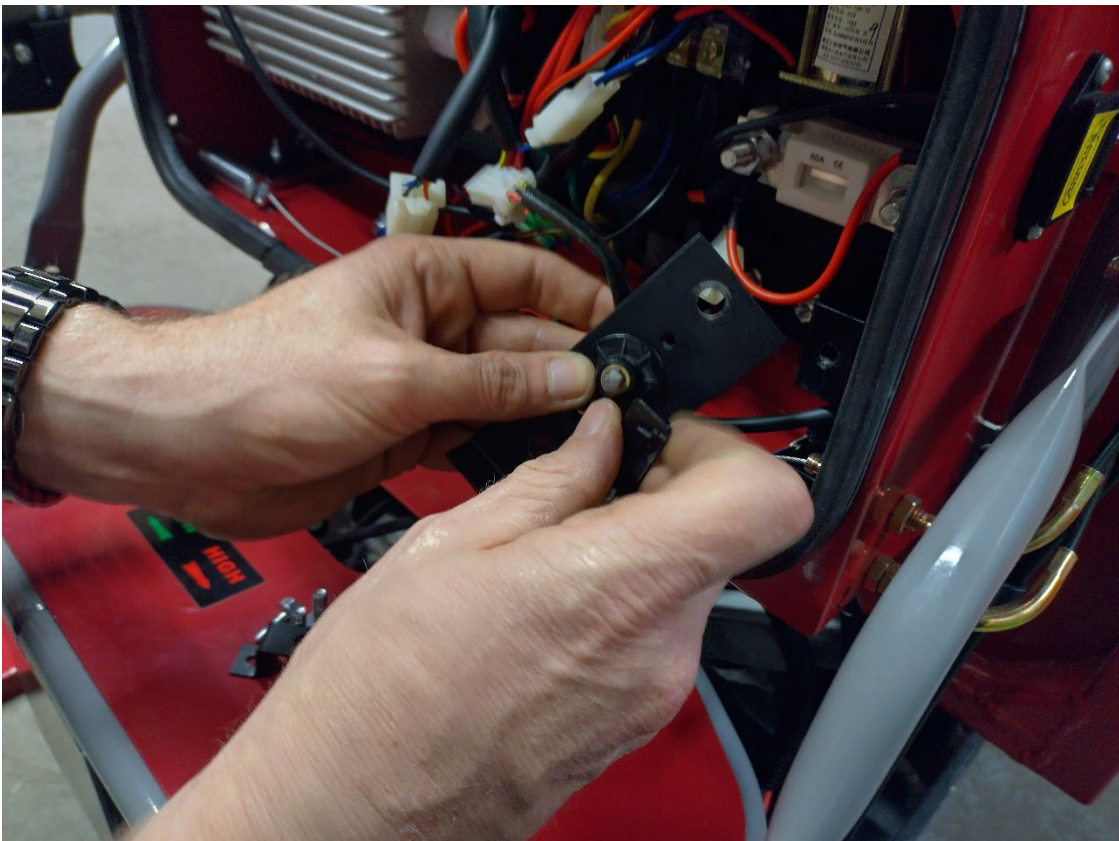
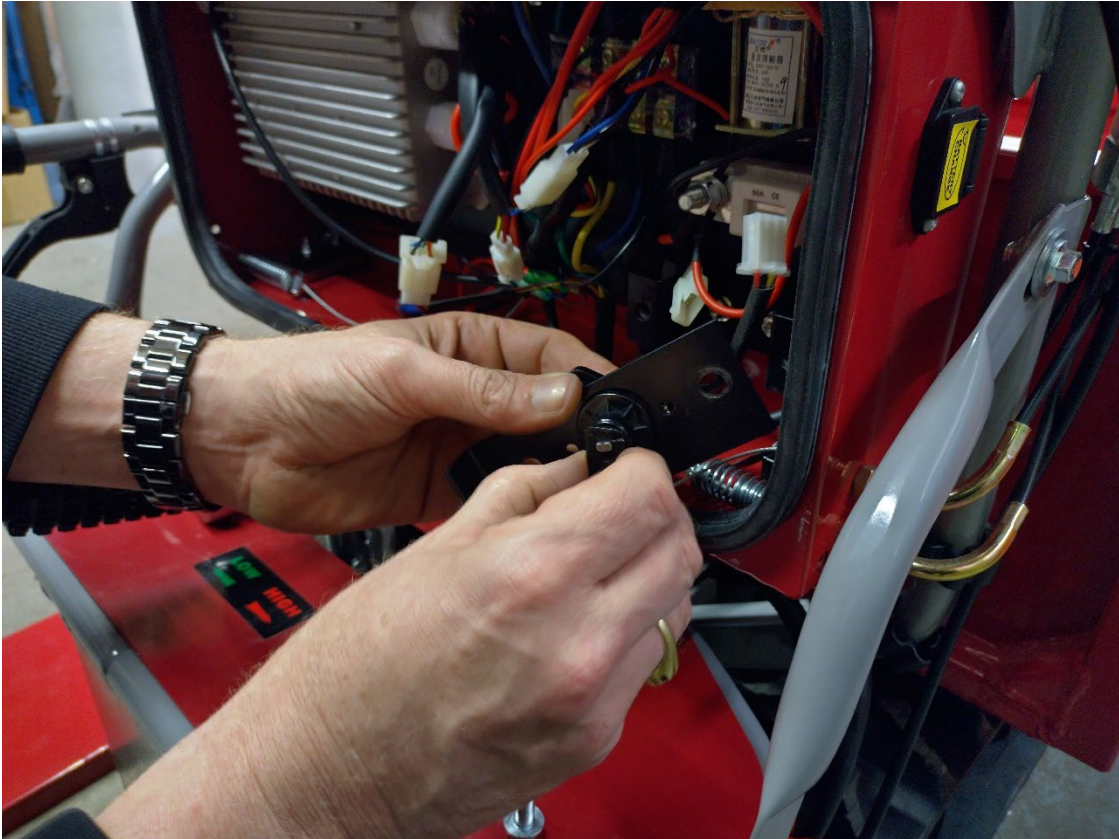
- 4) Remove the two screws that hold the speed controller to the housing, using a 7mm spanner and a small Phillips screwdriver.



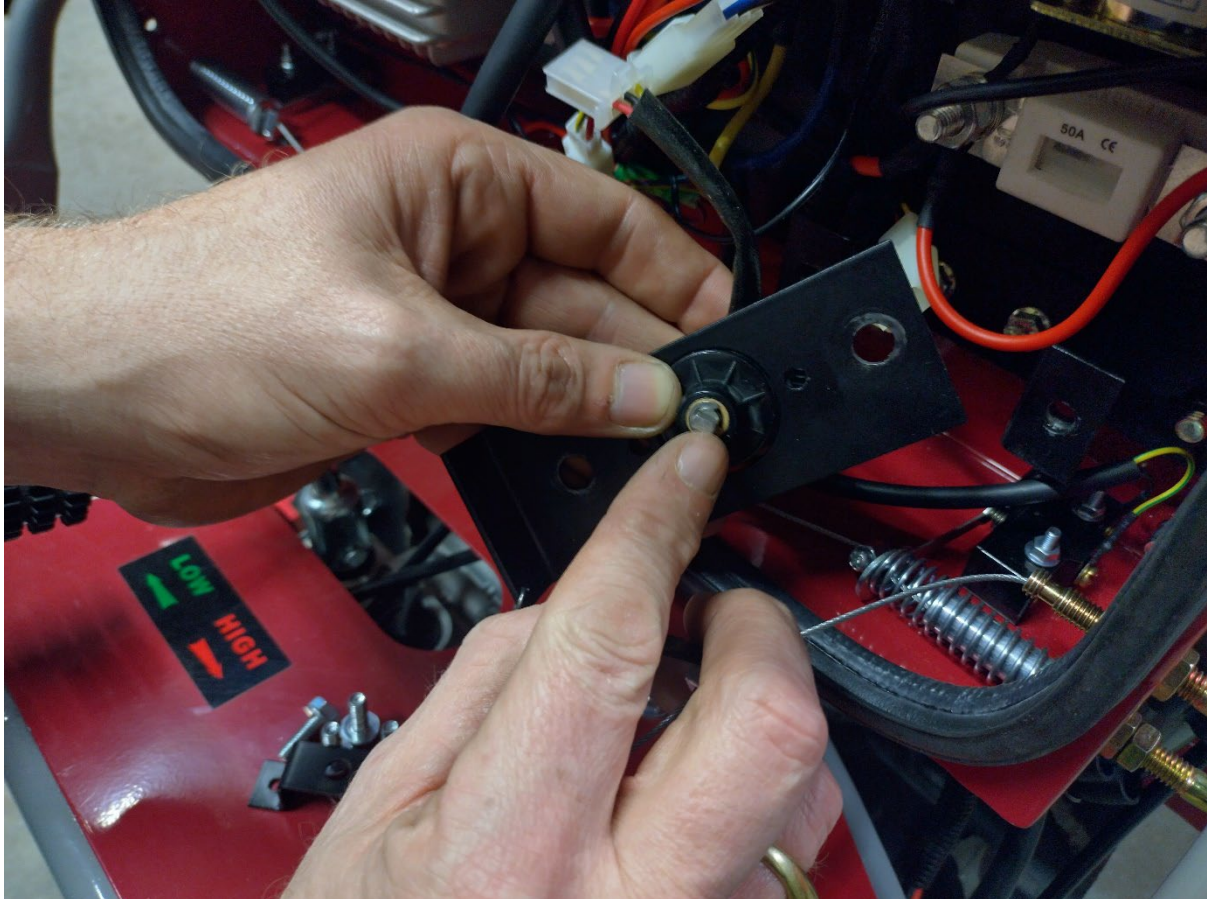
5) Disconnect the speed controller power connector (circled in blue below).



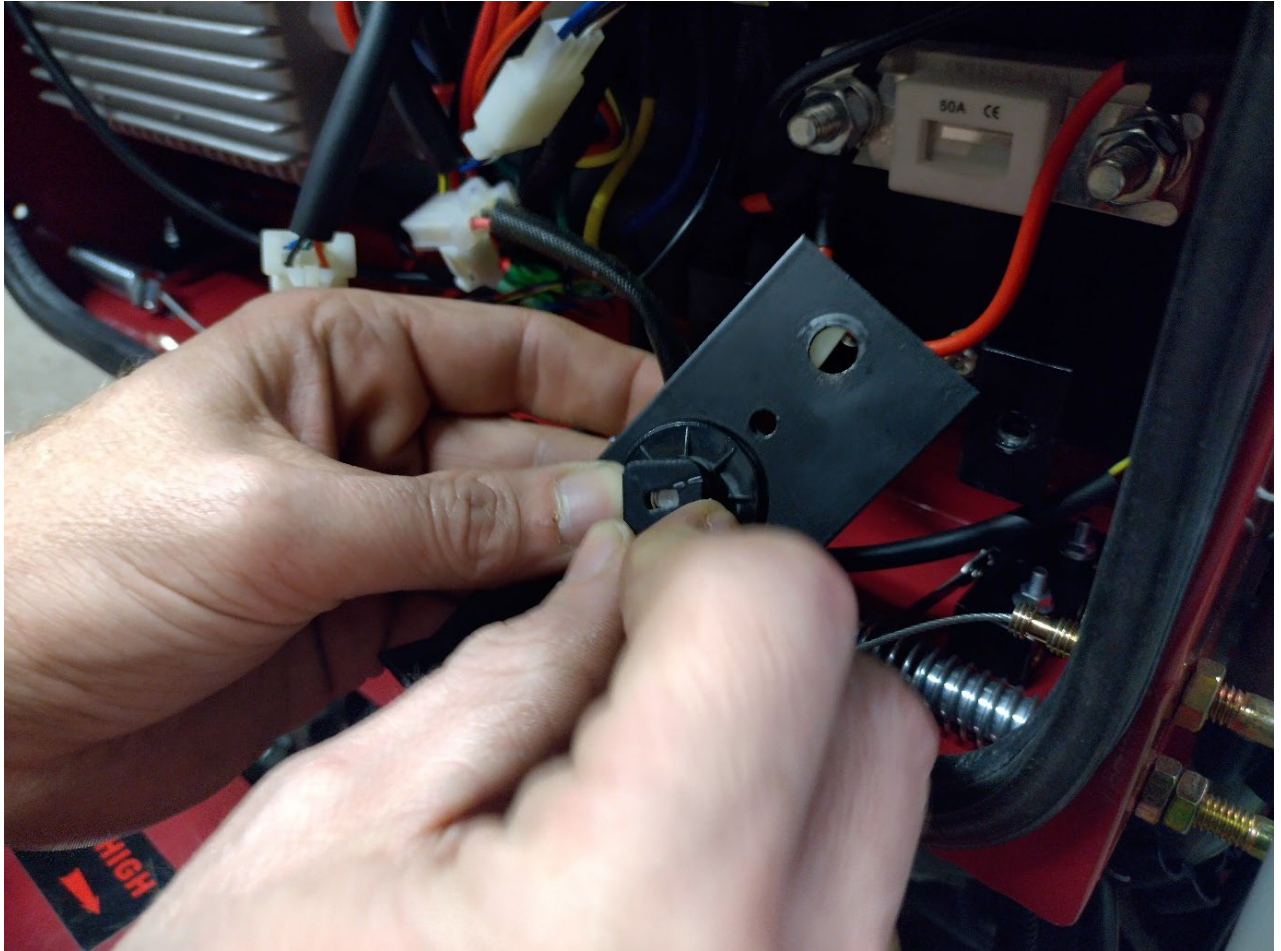
- 6) Once the cover is off the front of the speed controller, you can then remove the actuation arm from the speed controller.



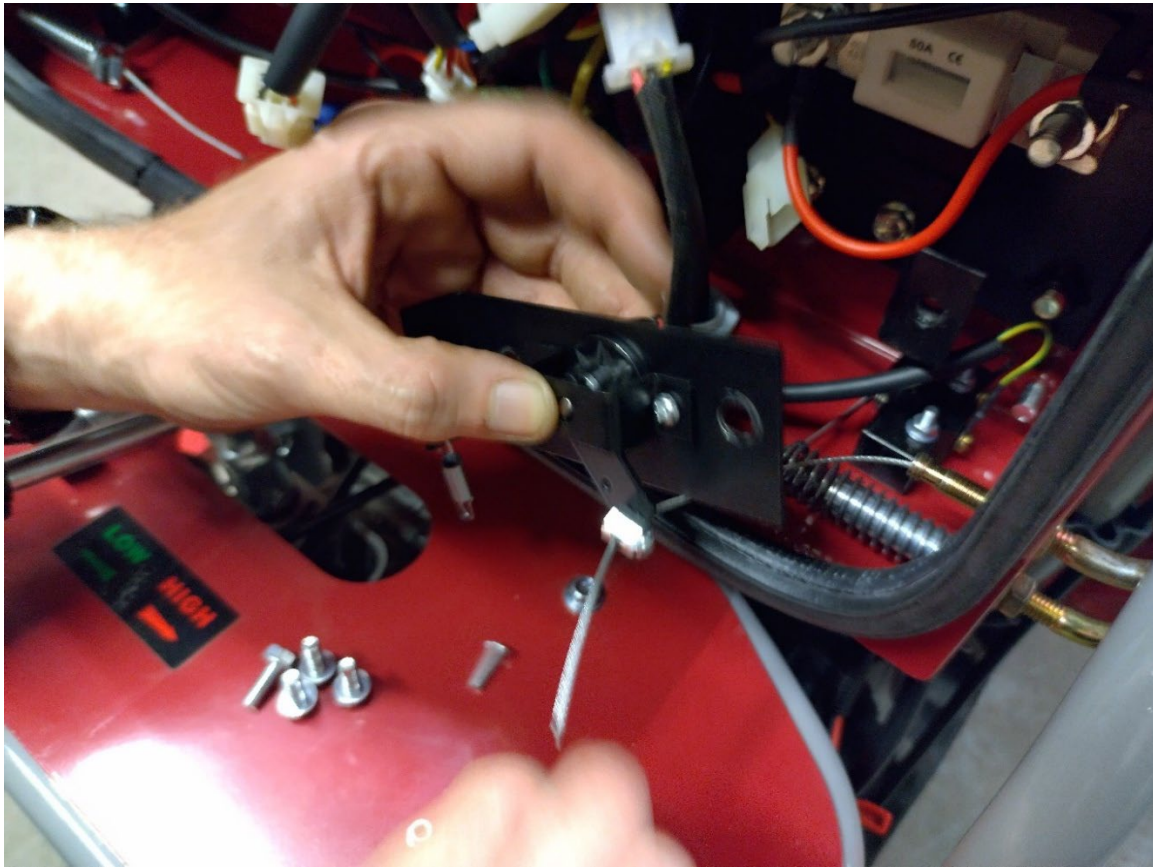
- 7) Now that it is free, you can replace the faulty speed controller with the new one. When replacing the speed controller make sure the speed controller spindle is rotated fully clockwise.



8) Reattach the arm onto the spindle.



9) Reinstall the cover and reattach the spring (if required).



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10) Reconnect the speed sensor power connector, before refitting the housing using the steps in reverse, before finally reconnecting the main power cable when everything is back in place.

