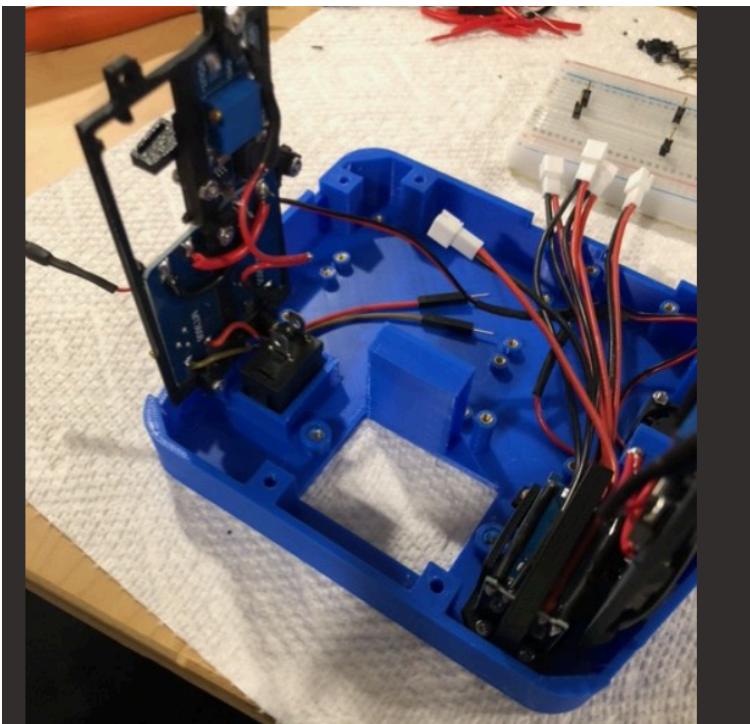
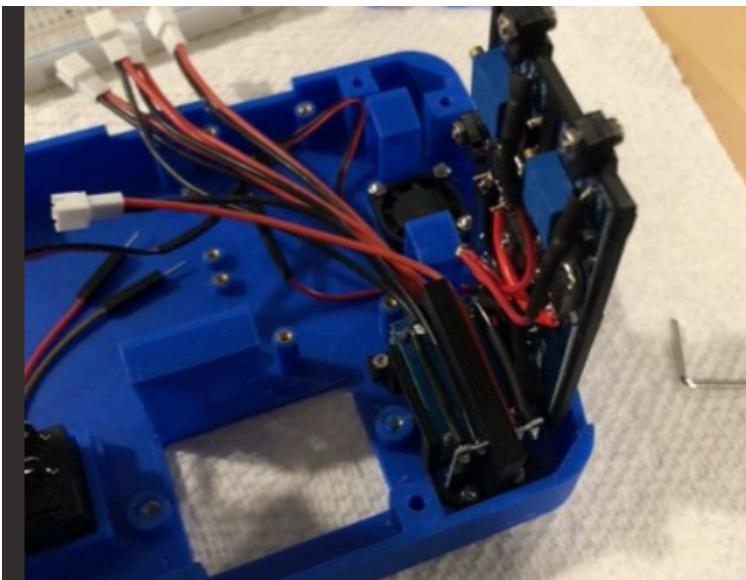


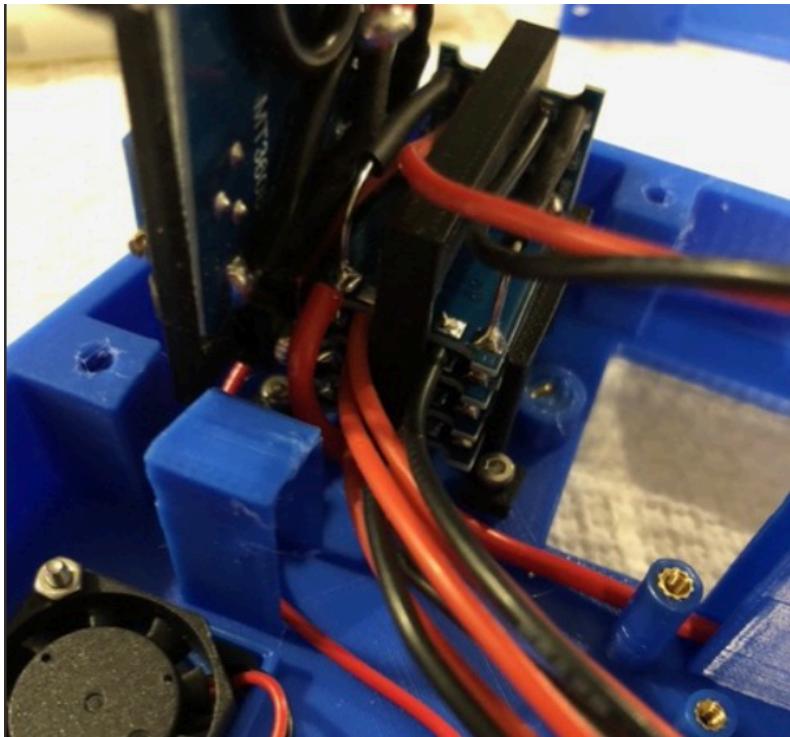
LWP Back Plate Build Instructions Part 2 (BMS module wire connections)



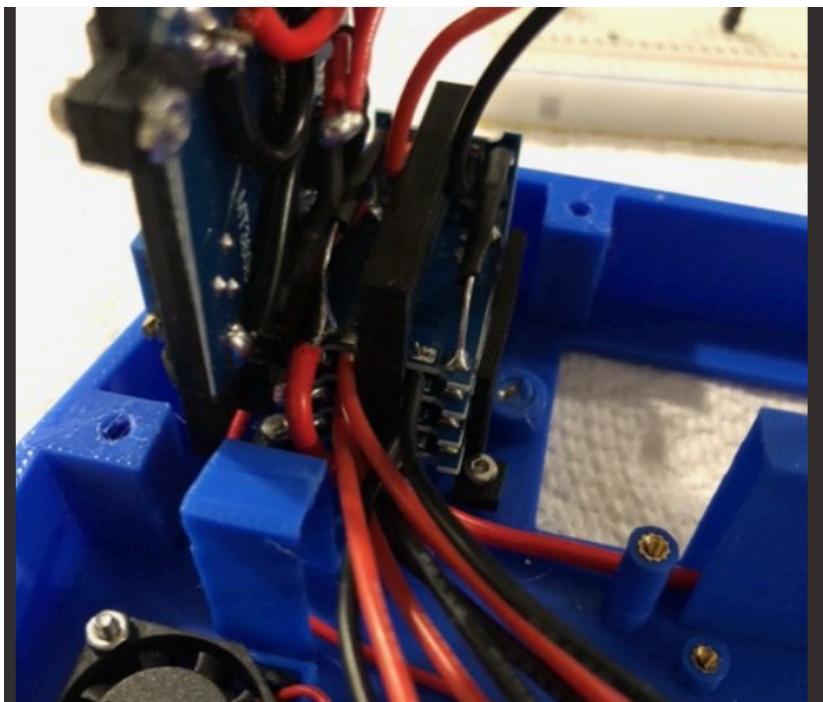
Install boost converter modules in the back plate.



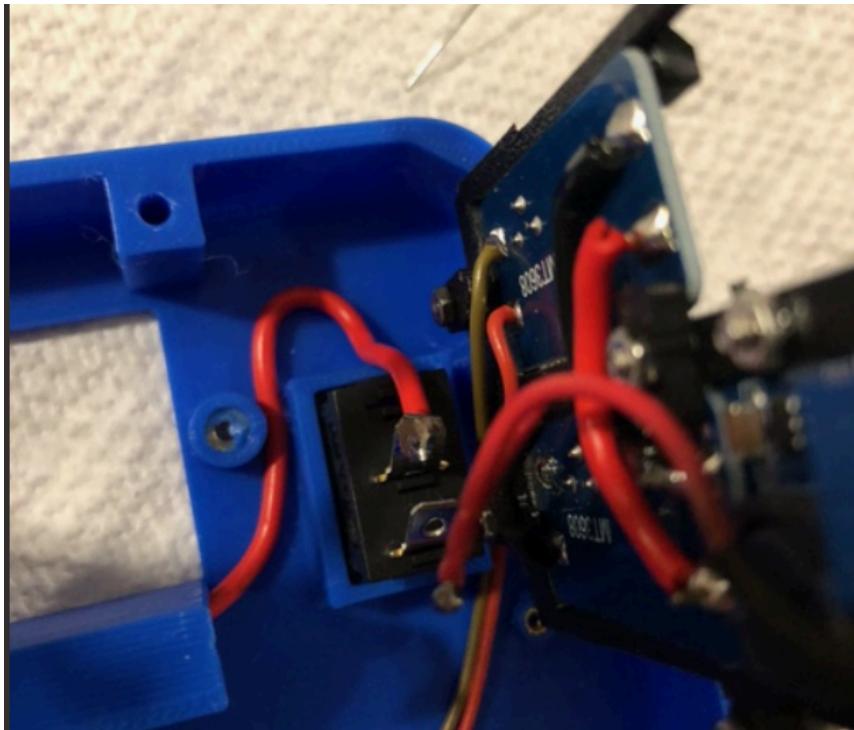
Tight fit on the right.



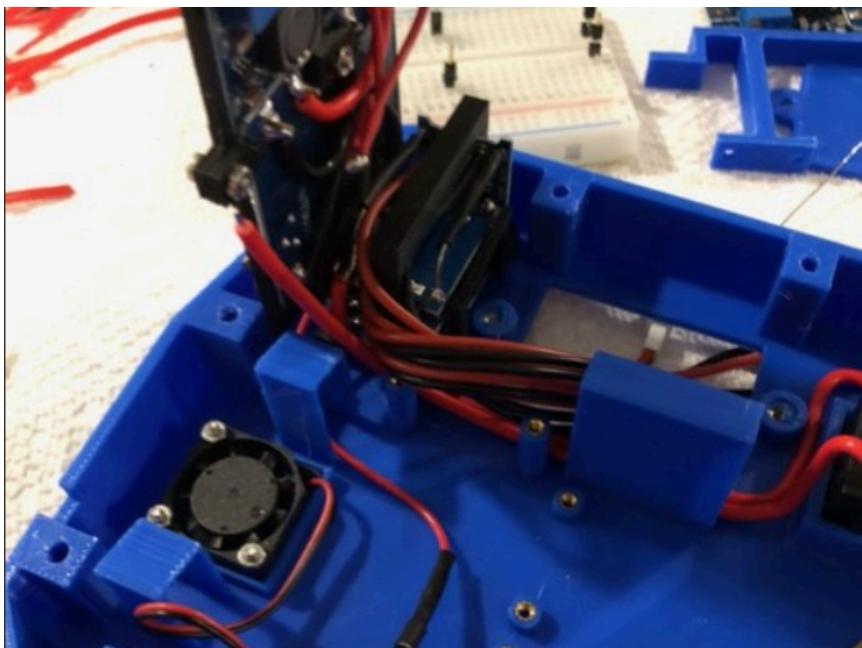
Run a length of red wire from the BMS module, through the middle tunnel to the bottom side of the power switch. Solder the wire to the BMS module positive output rail as pictured.



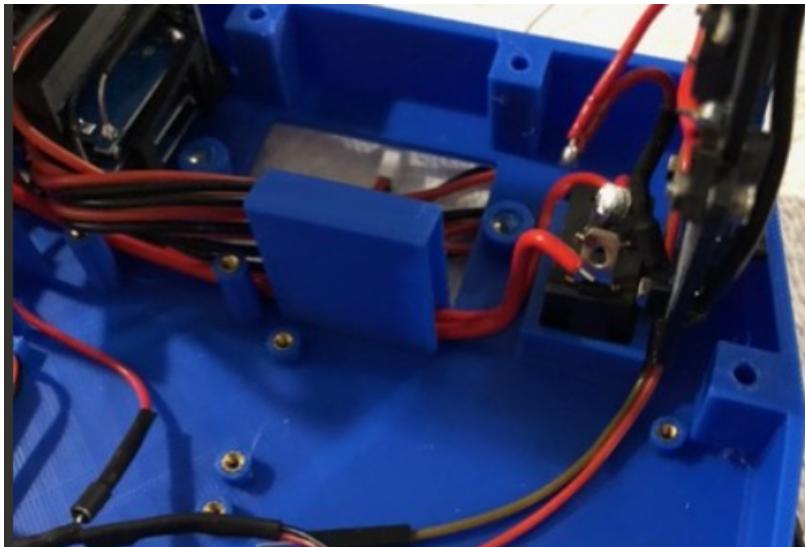
Pictured from another angle.



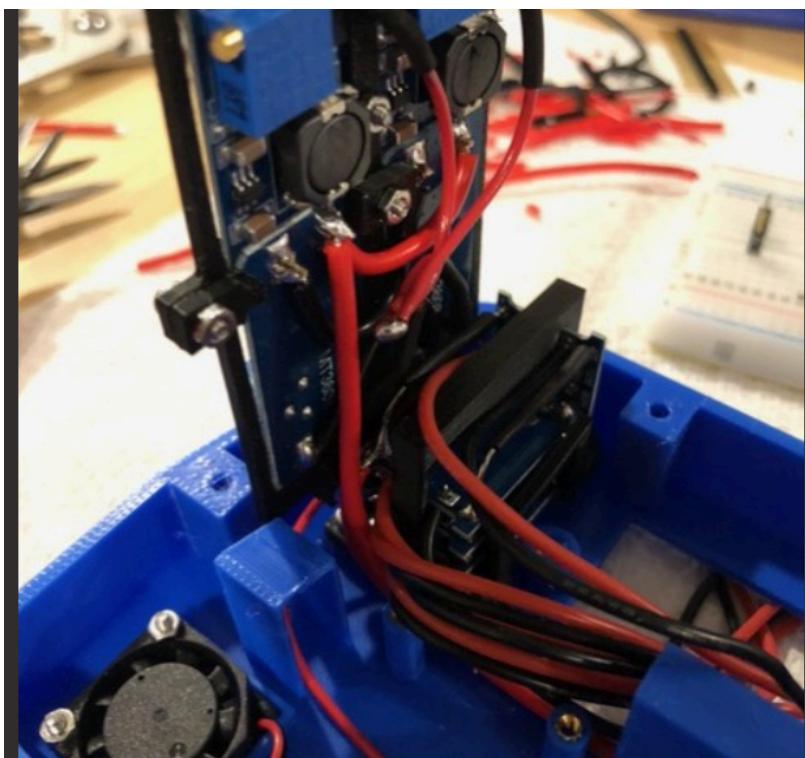
Solder the other end of the wire to the bottom connector of the power switch.



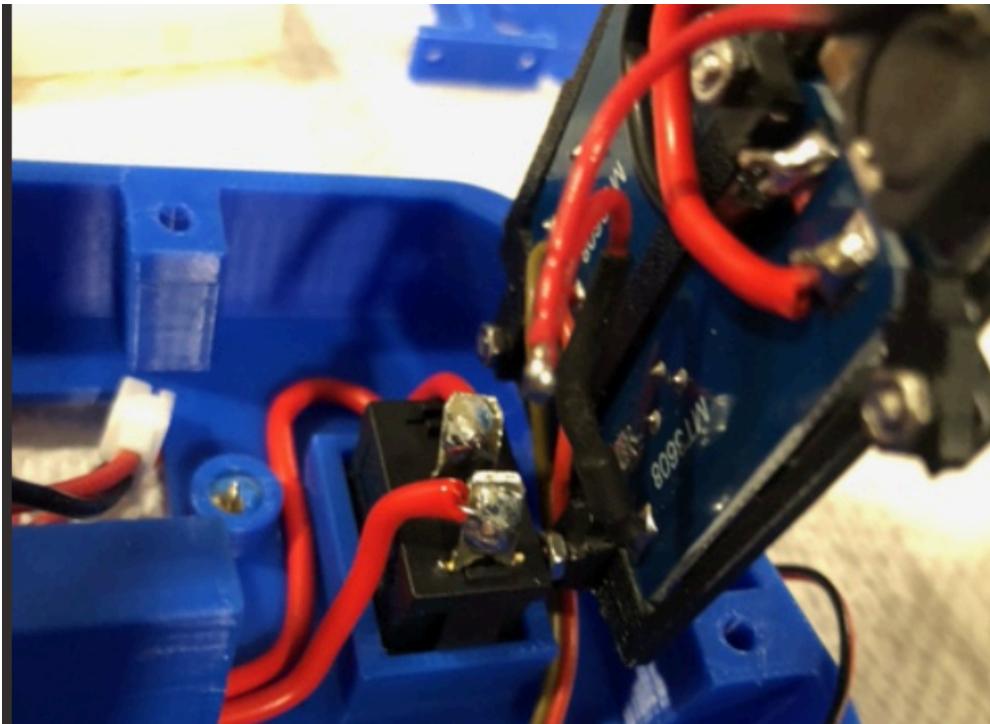
Next, run another red wire from the boost converter module Vin+ connection to the other connector of the power switch.



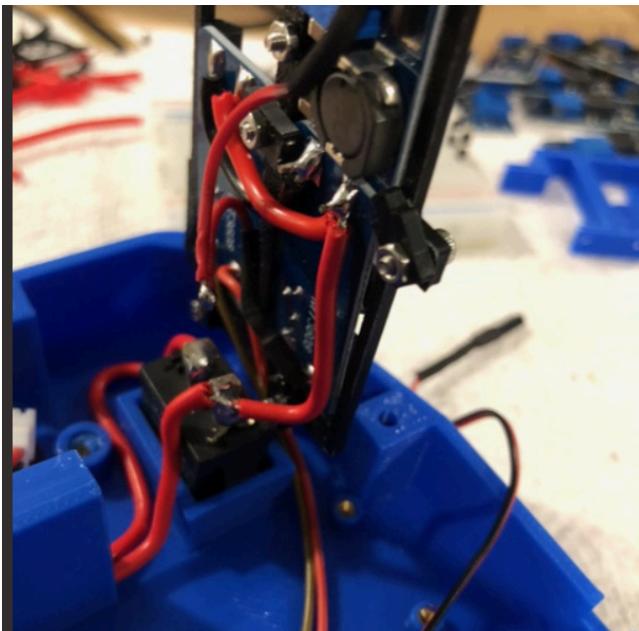
Red wire of the four boost converter modules power connection to the power switch.



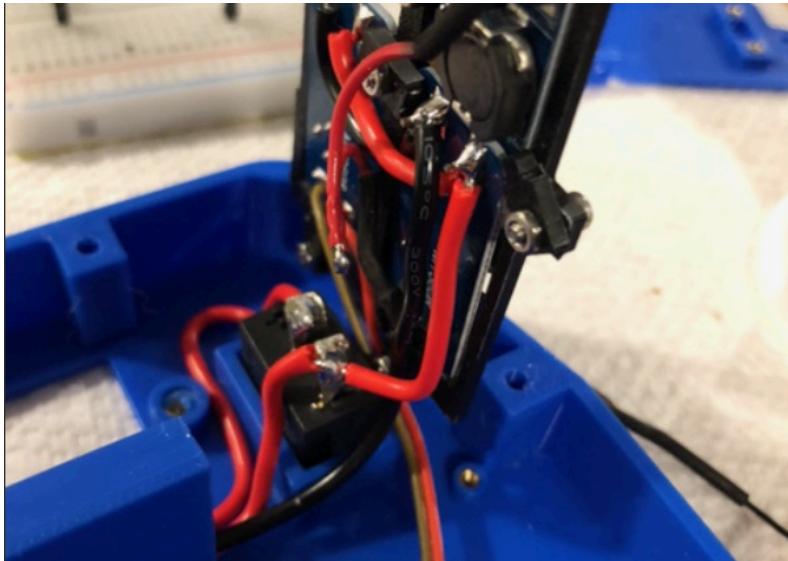
Red wire soldered to the Vin+ connector on the 4 boost converter assembly/module.



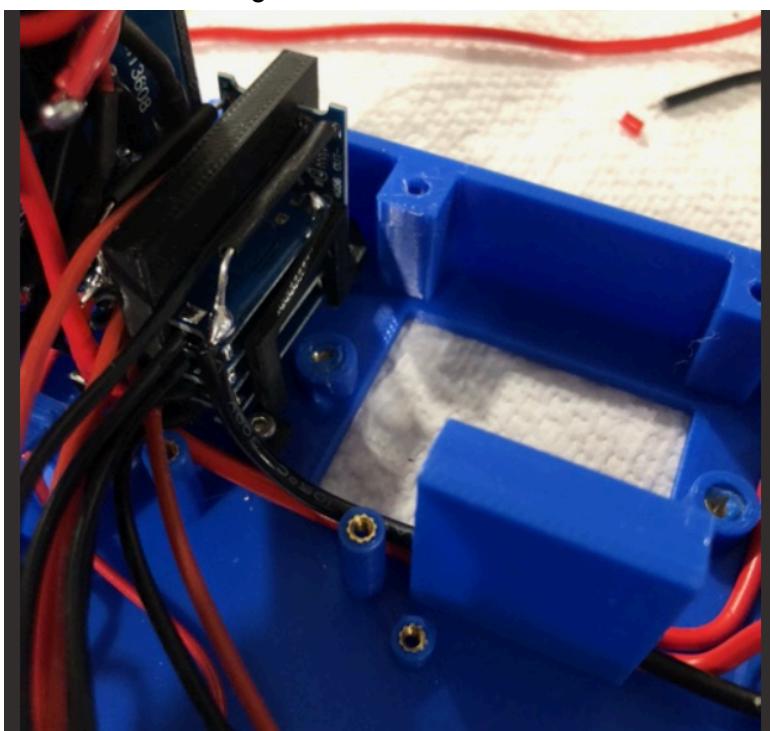
Other end of the red wire from the four boost converter assembly/module connected to the top connector of the power switch.



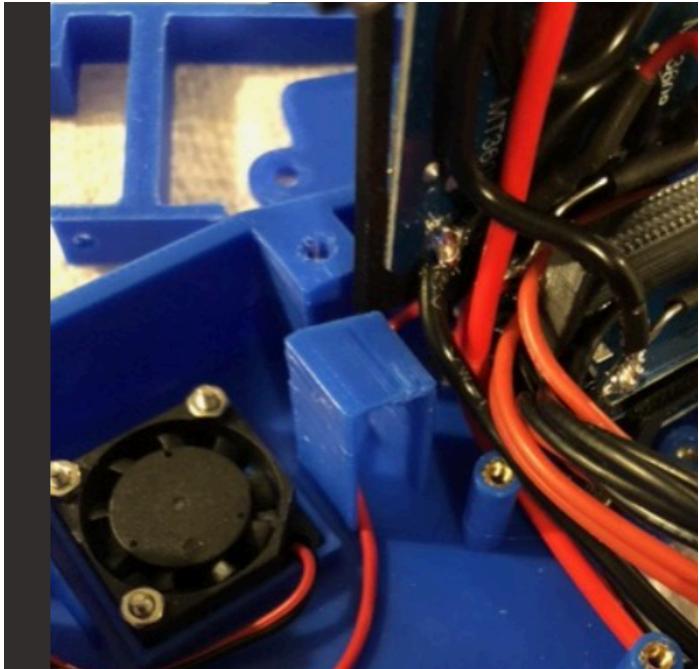
Run a much shorter red wire from the top connector of the power switch to the Vin+ of the three boost converter assembly/module.



Run a black wire from the Vin- connector on the three boost converter assembly/module through the tunnel to the negative rail of the BMS module.



Other end of the black wire coming from the three boost converter assembly/module soldered to the negative rail of the BMS module.



Connect a shorter black wire from the Vin- connector on the four boost converter assembly/module to the negative rail on the BMS module. This completes our power connections to the back plate. From now on I recommend powering on and testing the circuits with each modification you make.