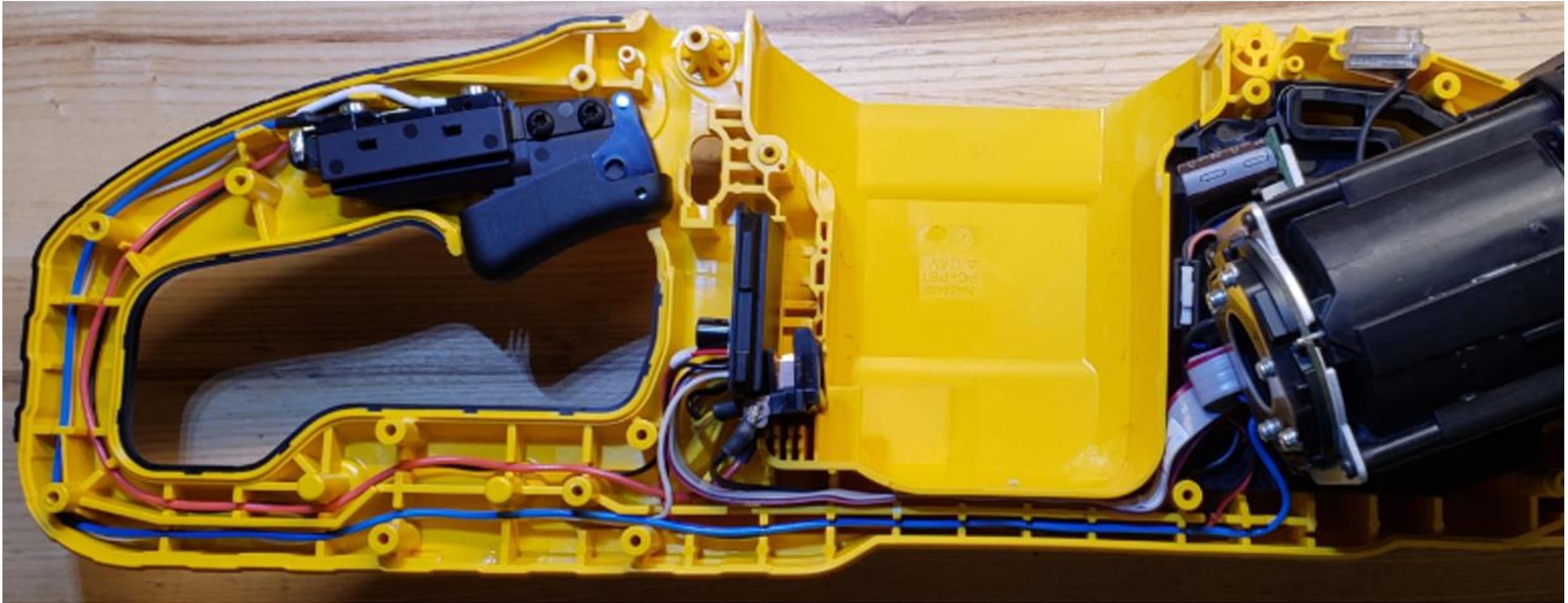
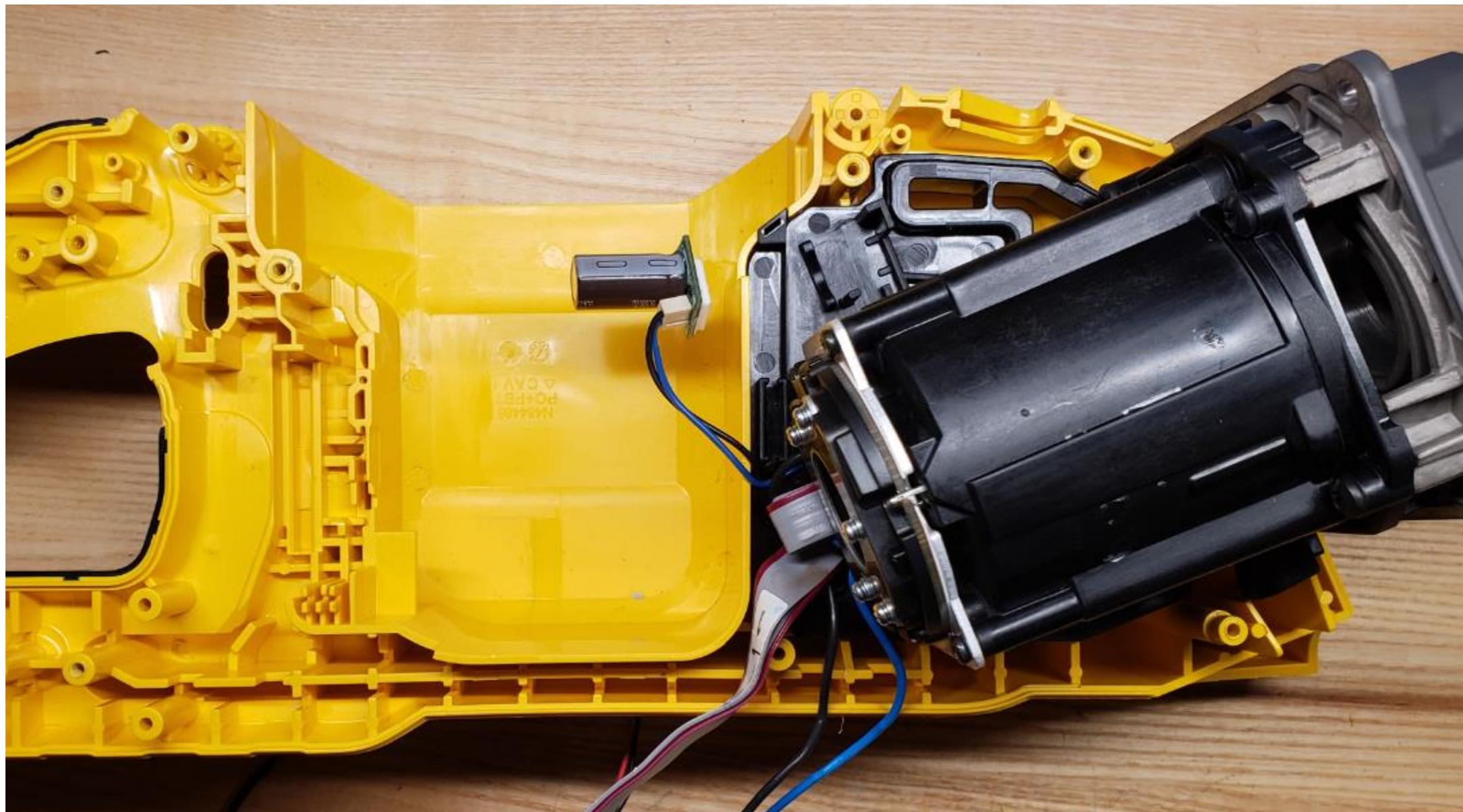


## DCS690 WIRING PROCEDURE



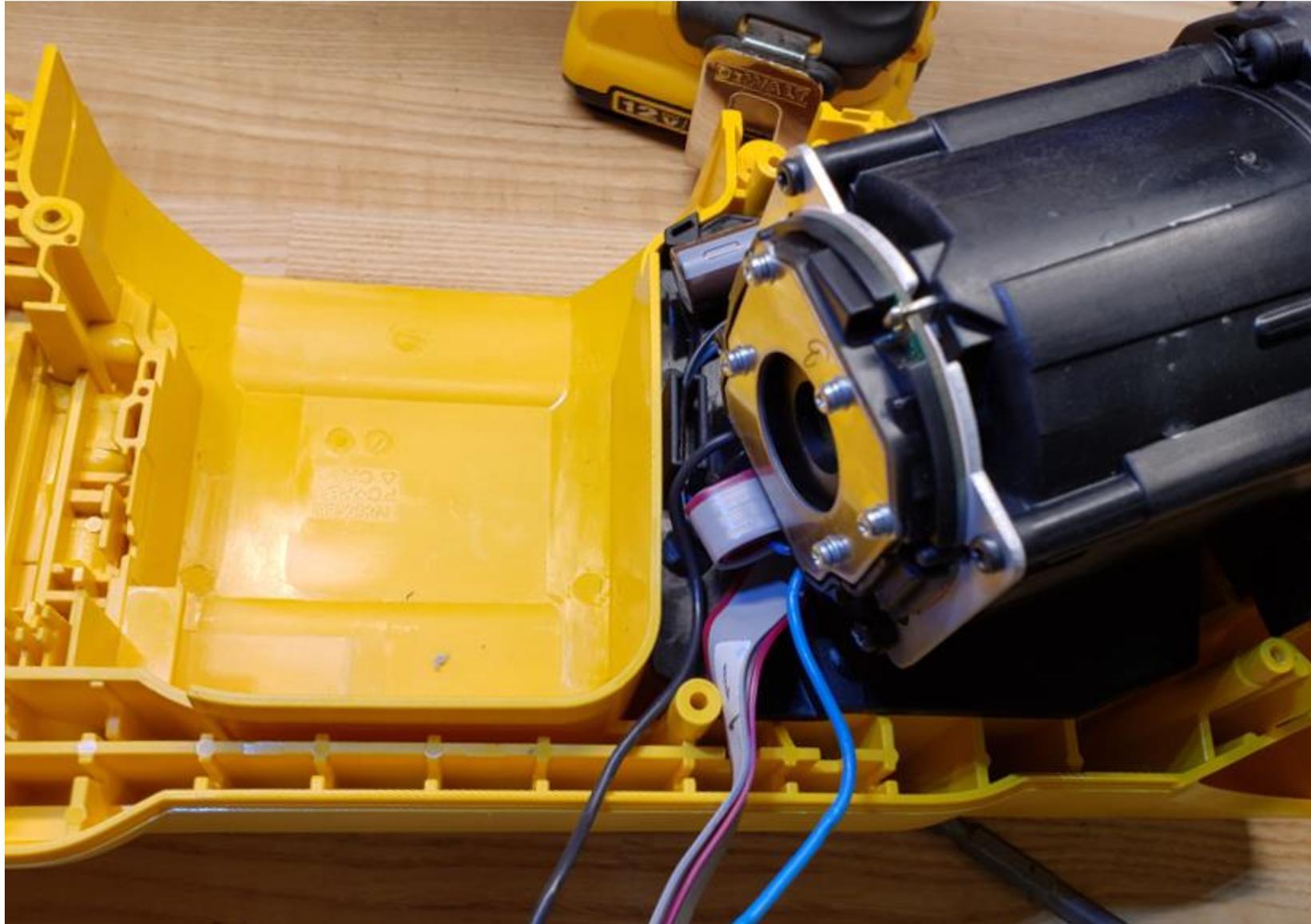
Place SA Gear Case & Motor Module into Assembly Housing as shown



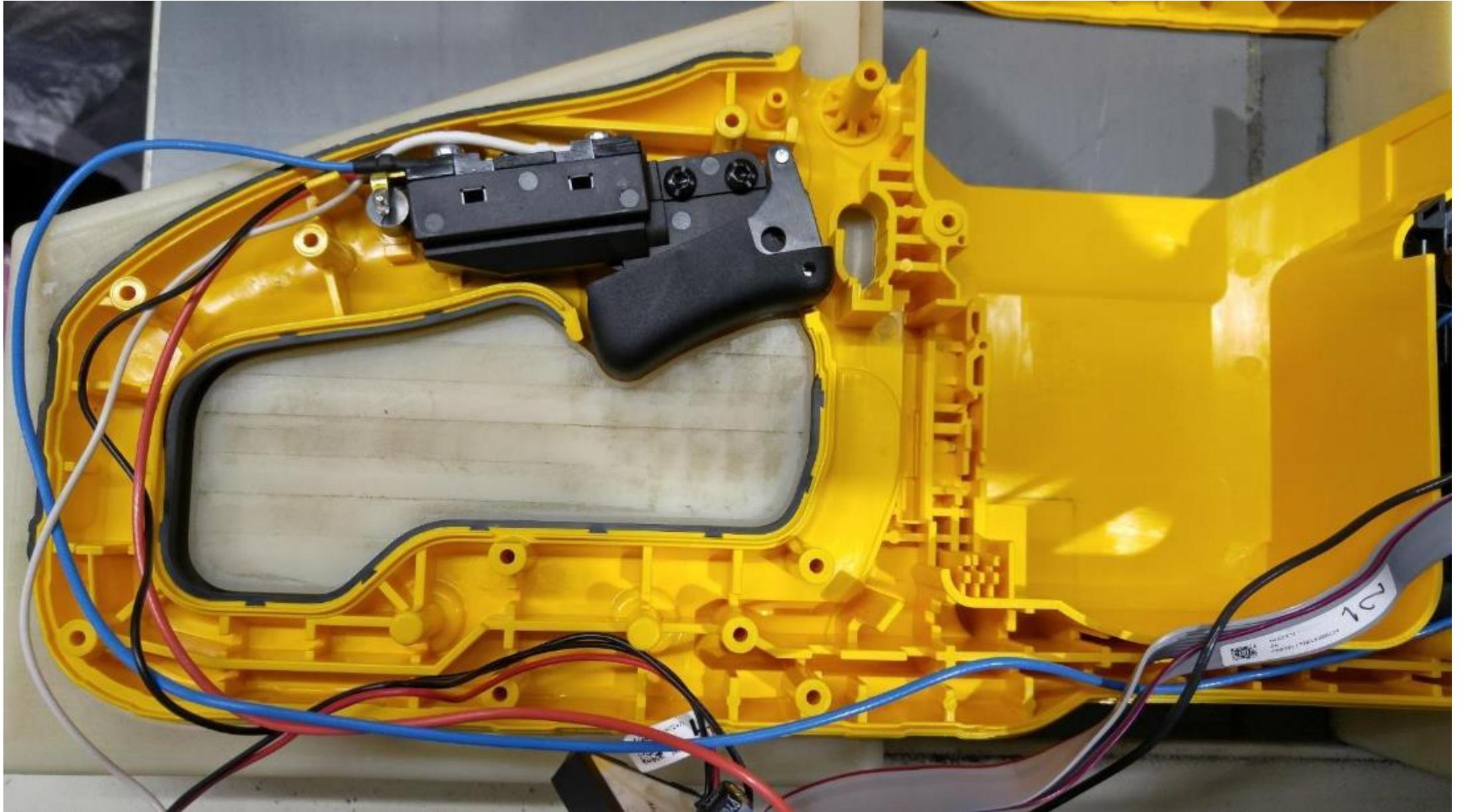
Route Capacitor wires into Intermediate Plate wire traps as shown,  
Place Capacitor in its retaining rib-work



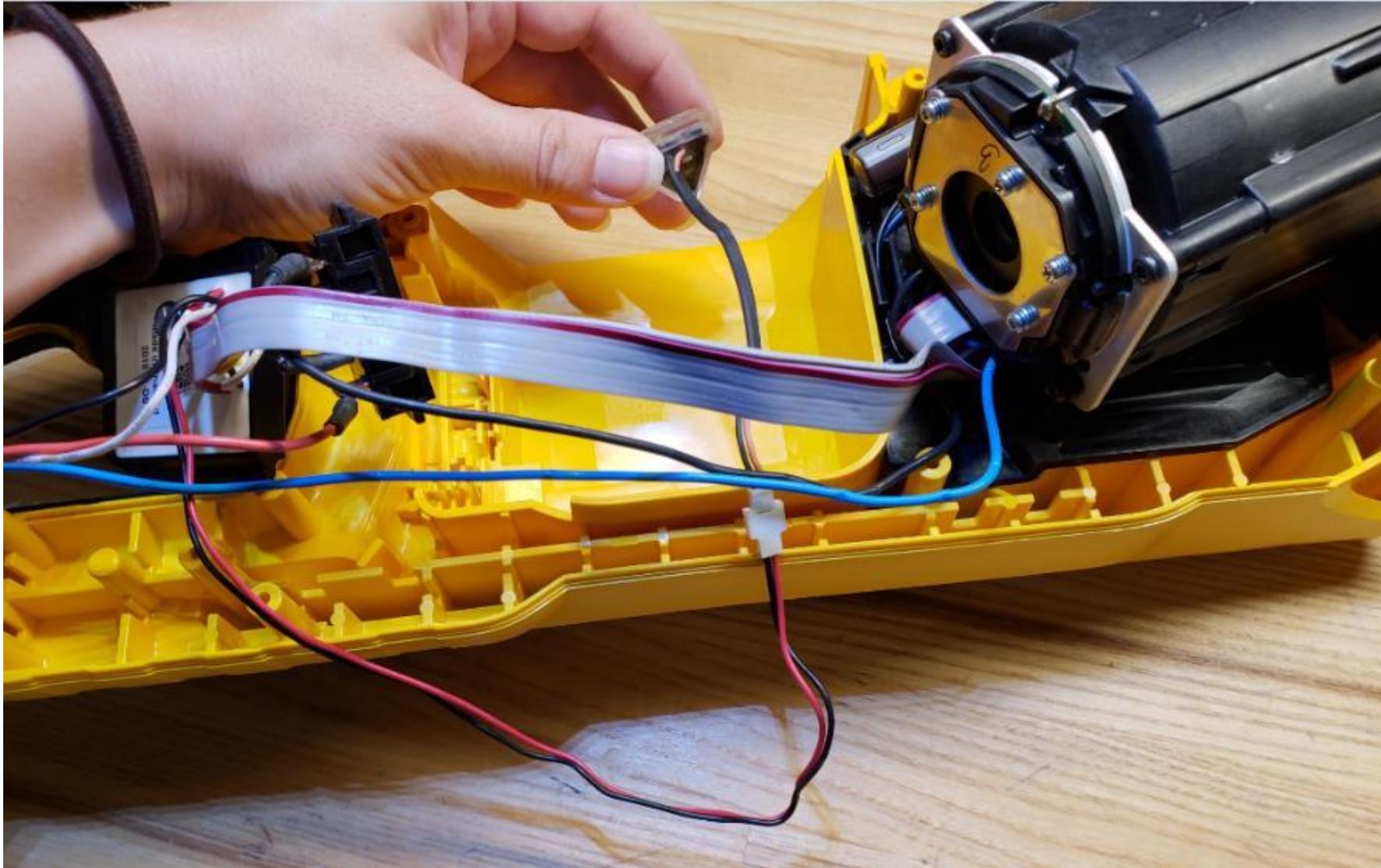
Route Capacitor wires into Intermediate Plate wire traps as shown,  
Place Capacitor in its retaining rib-work



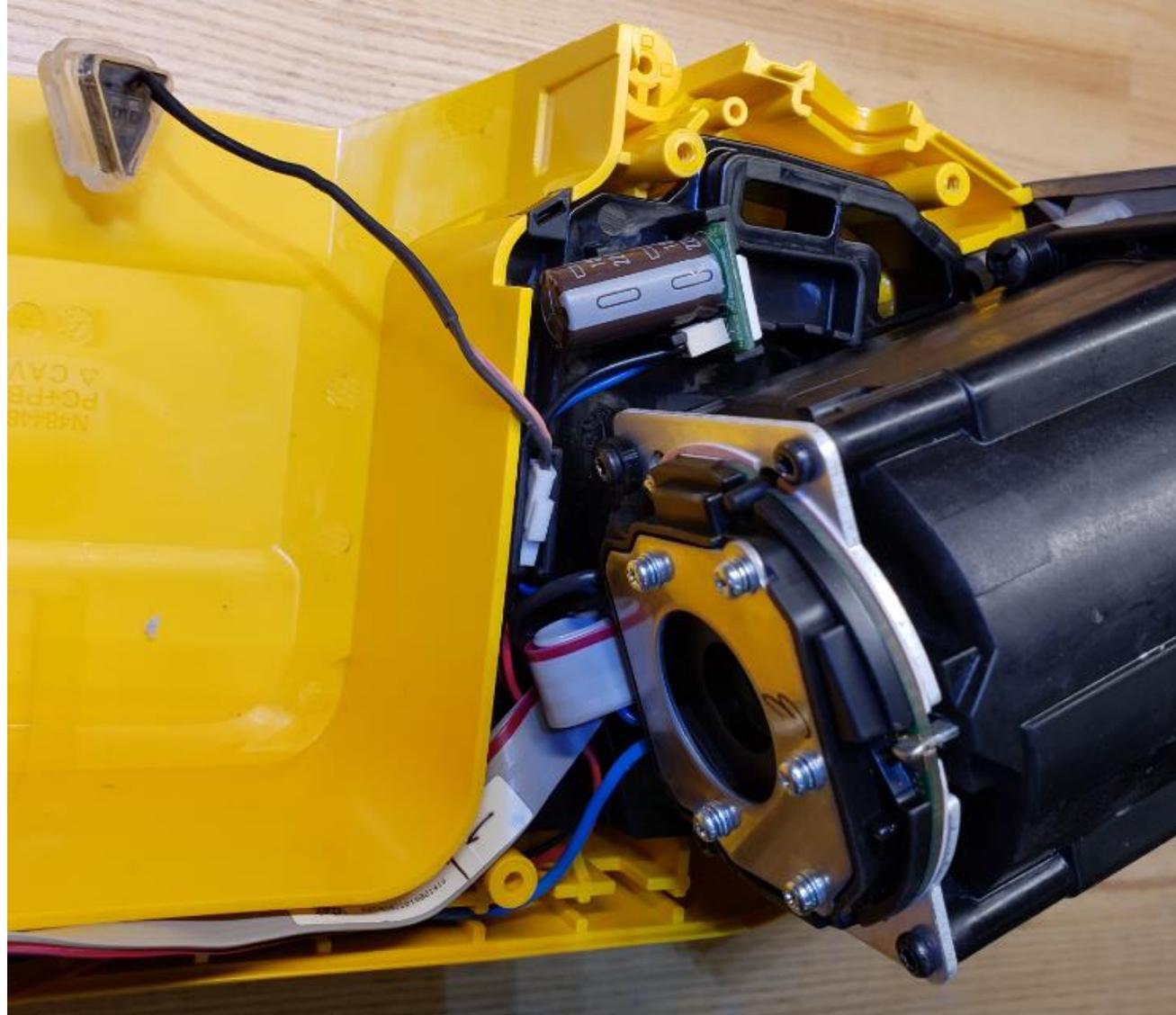
Place SA Trigger & retain w/ 2 screws  
Ensure trigger is seated fully



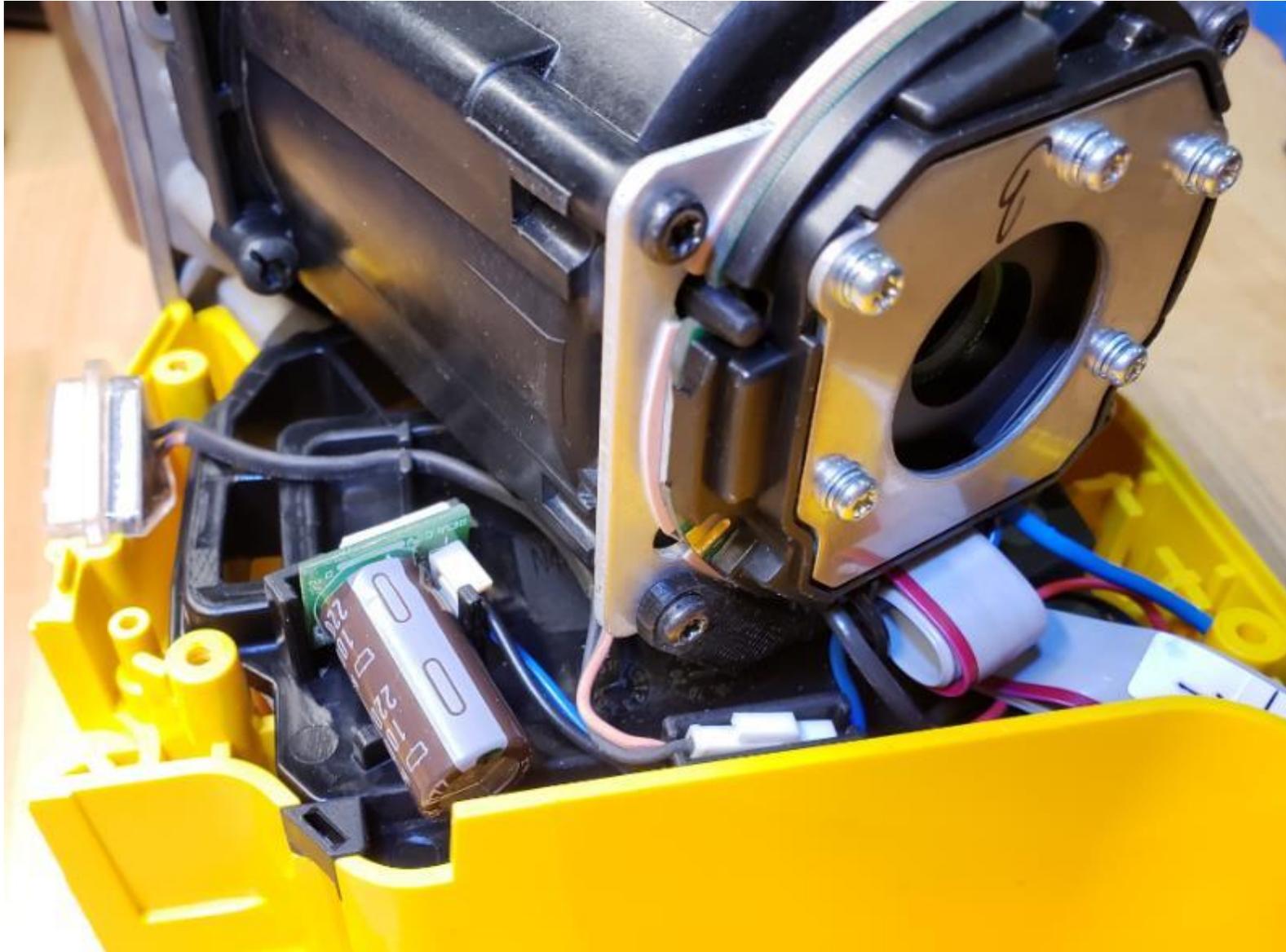
Attach SA LED to SA Module & route SA LED under SA Module wires.  
Place SA LED connector in wire trap securing Capacitor wires. Route SA LED wire into  
Intermediate Plate wire trap & secure LED lens into Assembly housing as shown.



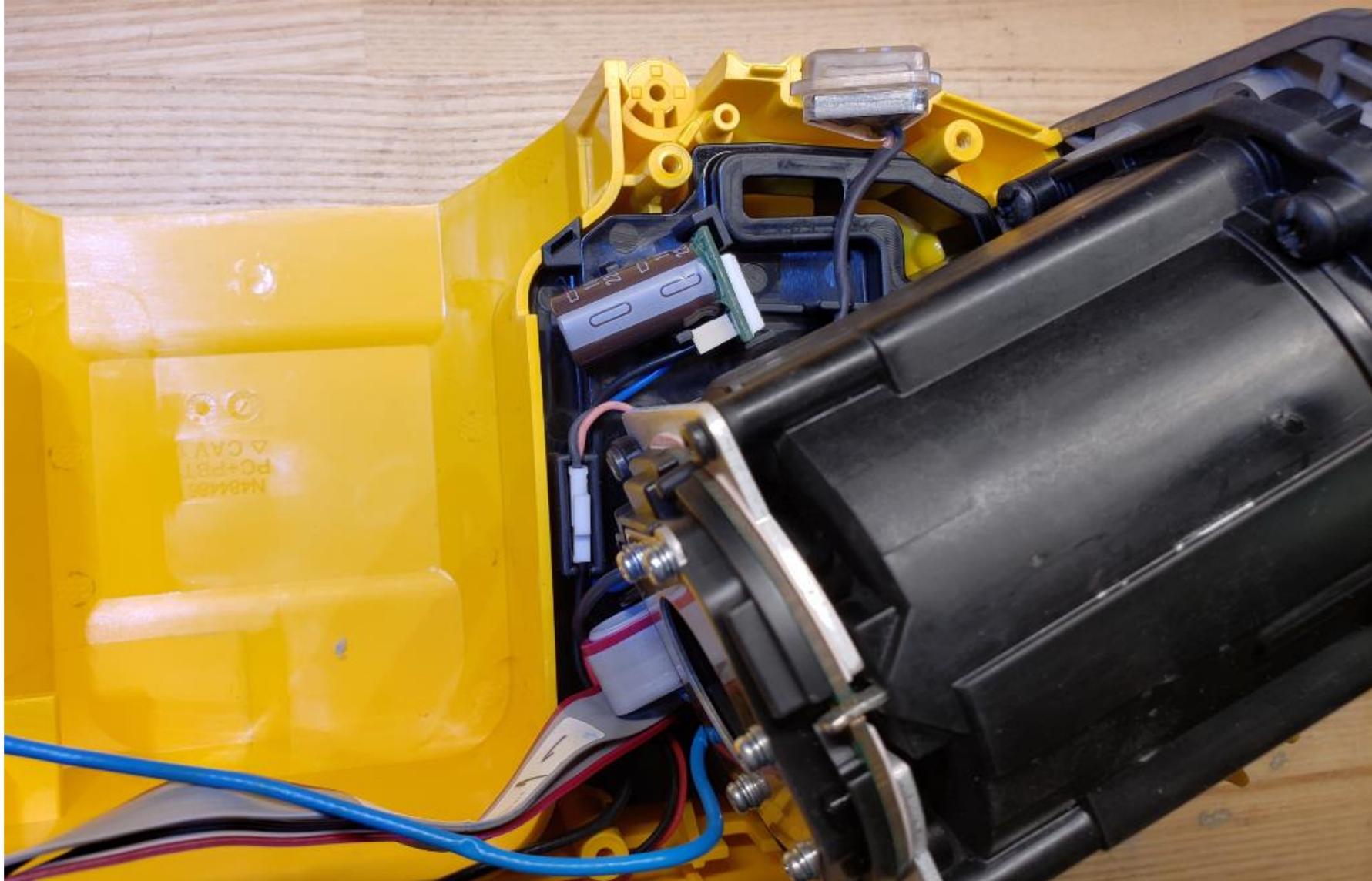
Attach SA LED to SA Module & route SA LED under SA Module wires.  
Place SA LED connector in wire trap securing Capacitor wires. Route SA LED wire into  
Intermediate Plate wire trap & secure LED lens into Assembly housing as shown.



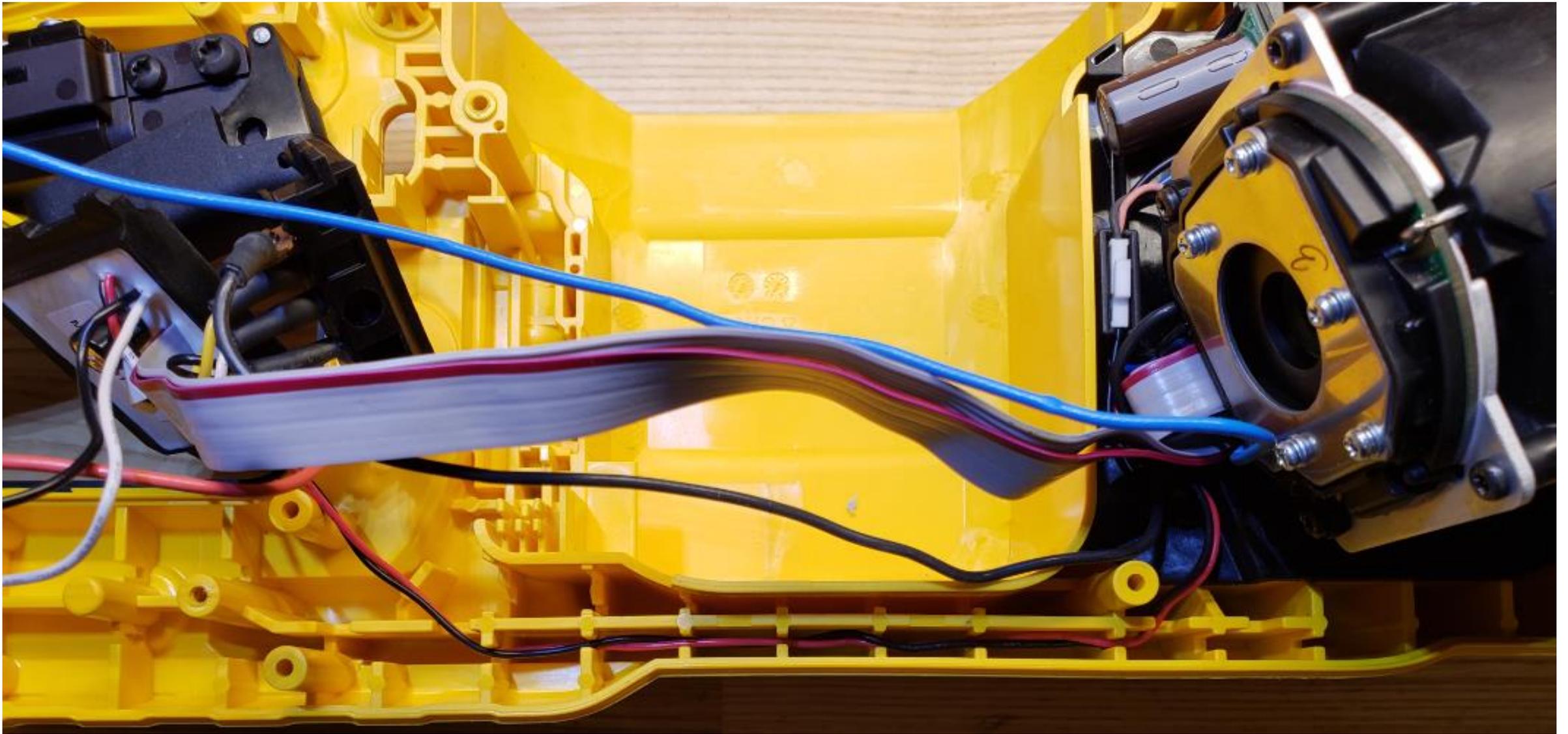
Attach SA LED to SA Module & route SA LED under SA Module wires.  
Place SA LED connector in wire trap securing Capacitor wires. Route SA LED wire into  
Intermediate Plate wire trap & secure LED lens into Assembly housing as shown.



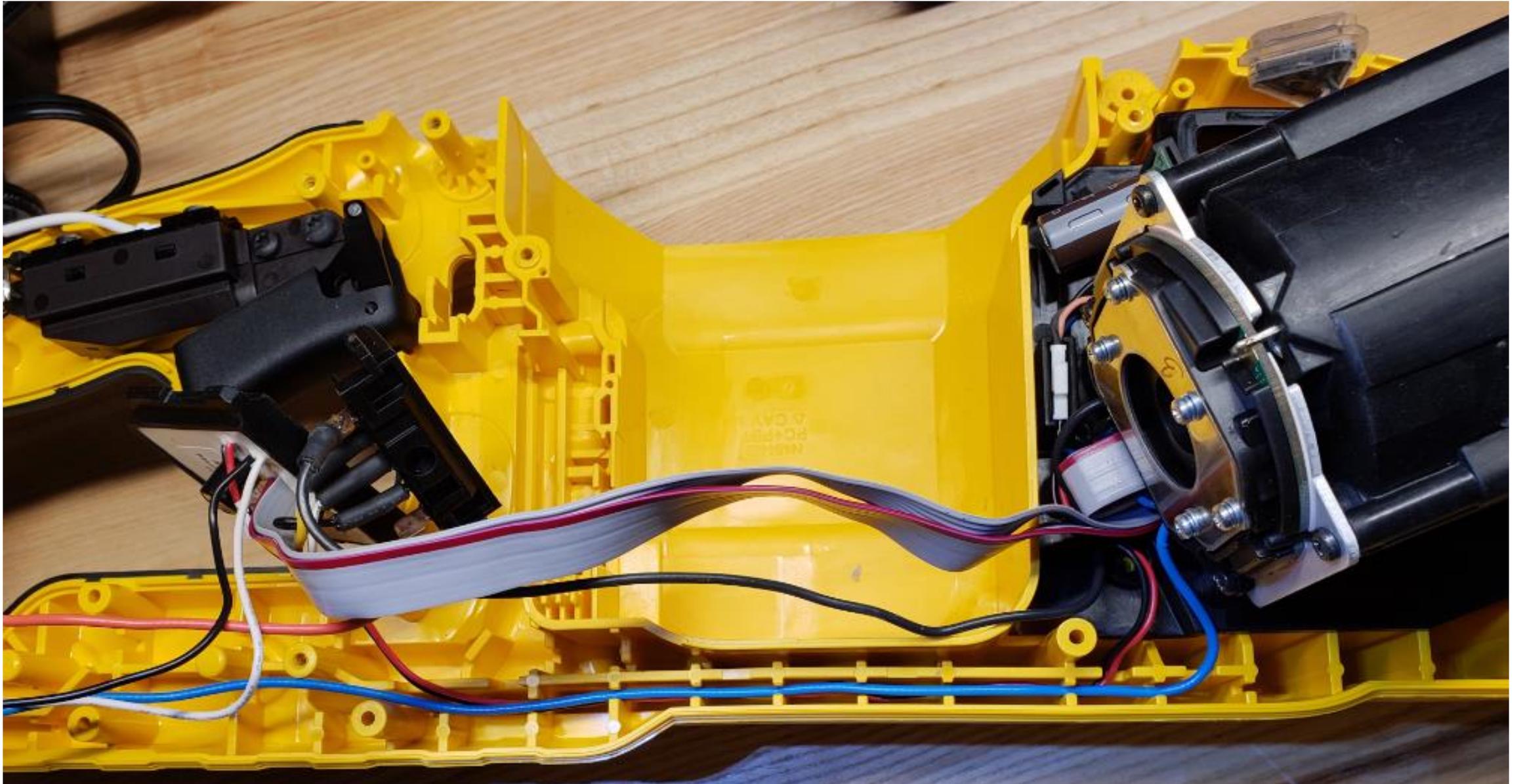
Attach SA LED to SA Module & route SA LED under SA Module wires.  
Place SA LED connector in wire trap securing Capacitor wires. Route SA LED wire into  
Intermediate Plate wire trap & secure LED lens into Assembly housing as shown.



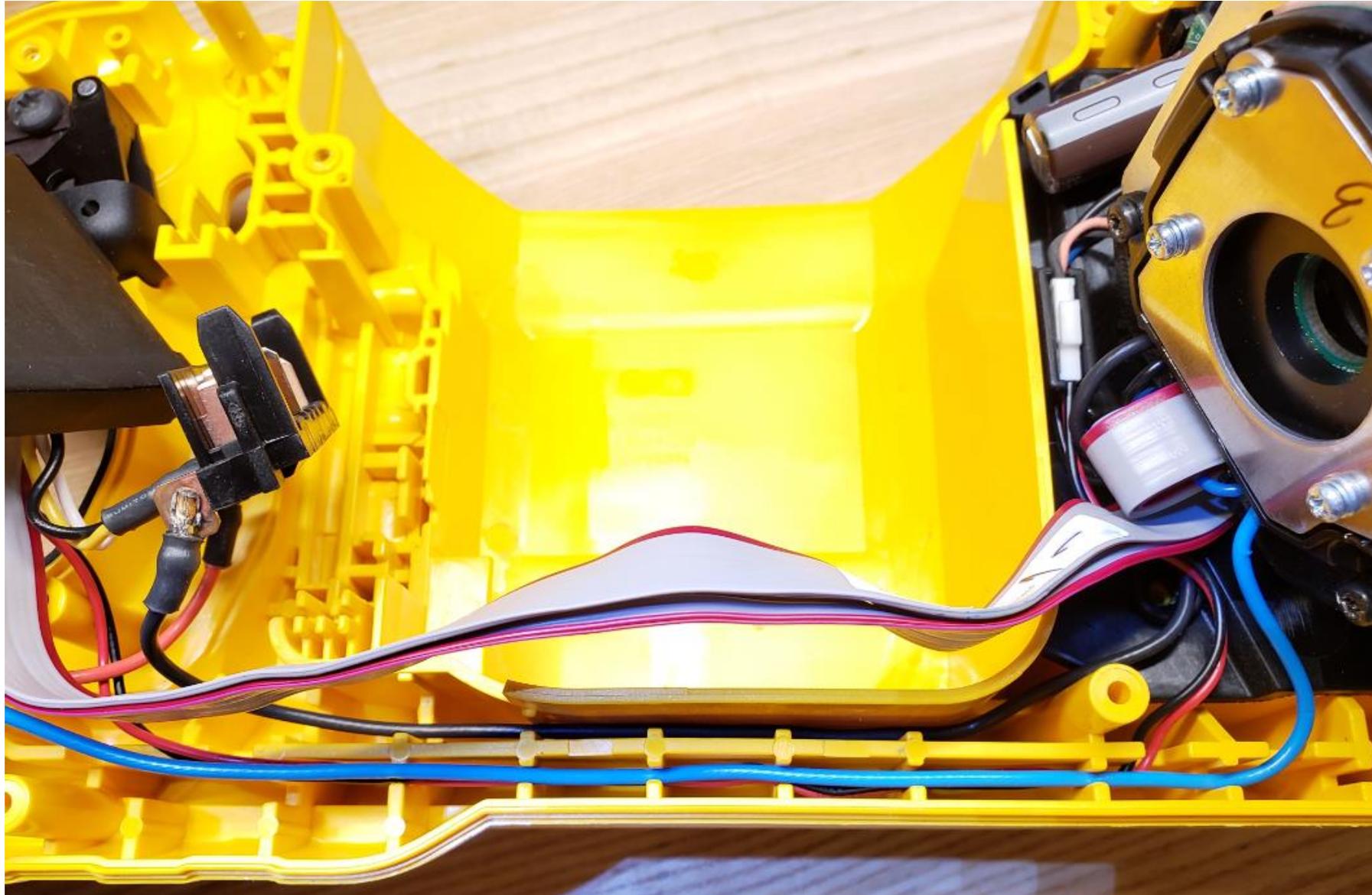
Route LED wires & Blue Power wire in Assembly Housing wire ways as shown



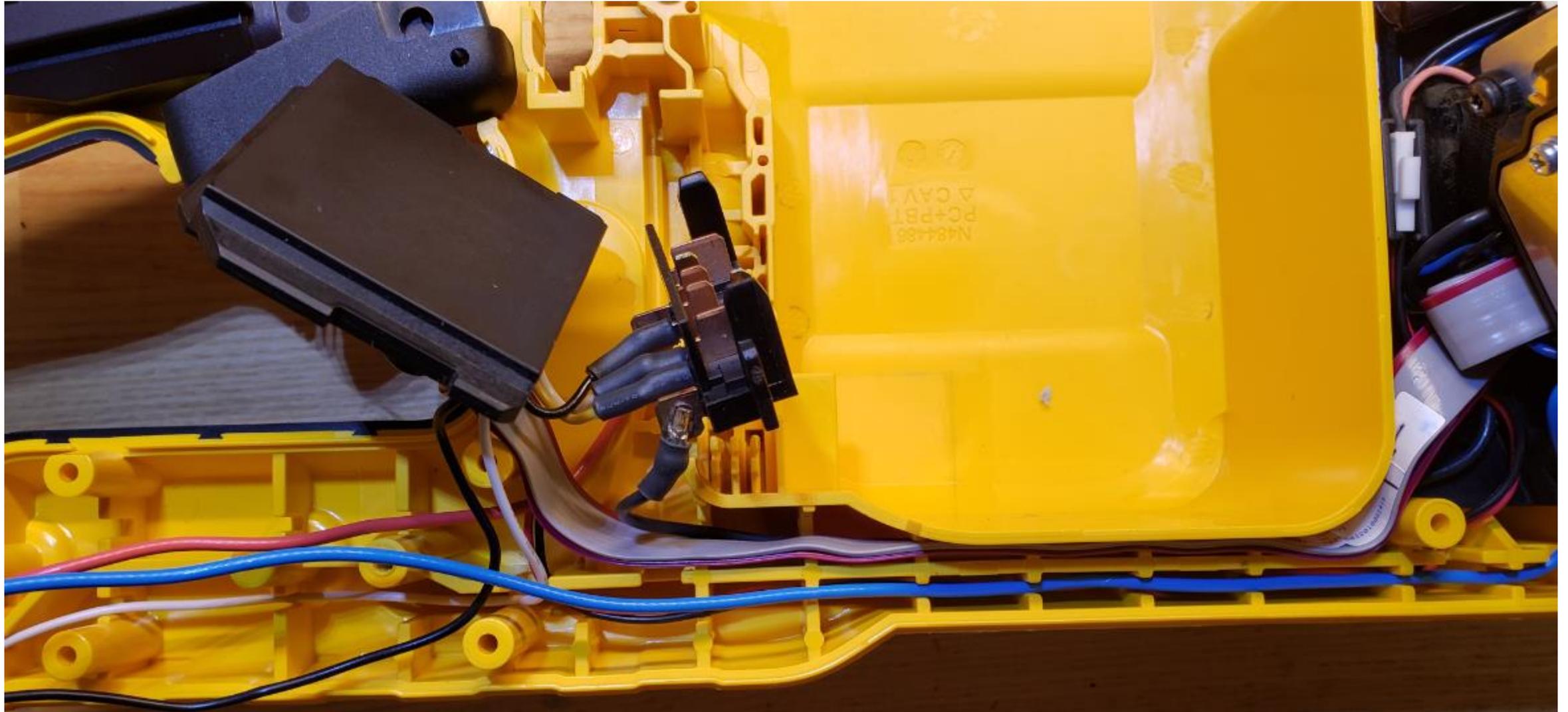
Route LED wires & Blue Power wire in Assembly Housing wire ways as shown



Route Black Power Wire & Ribbon Cable in Assembly Housing wire ways as shown.  
Ensure S-bend in Ribbon is maintained & that Ribbon does not protrude above rib-work  
& that there is clearance around screw bosses.



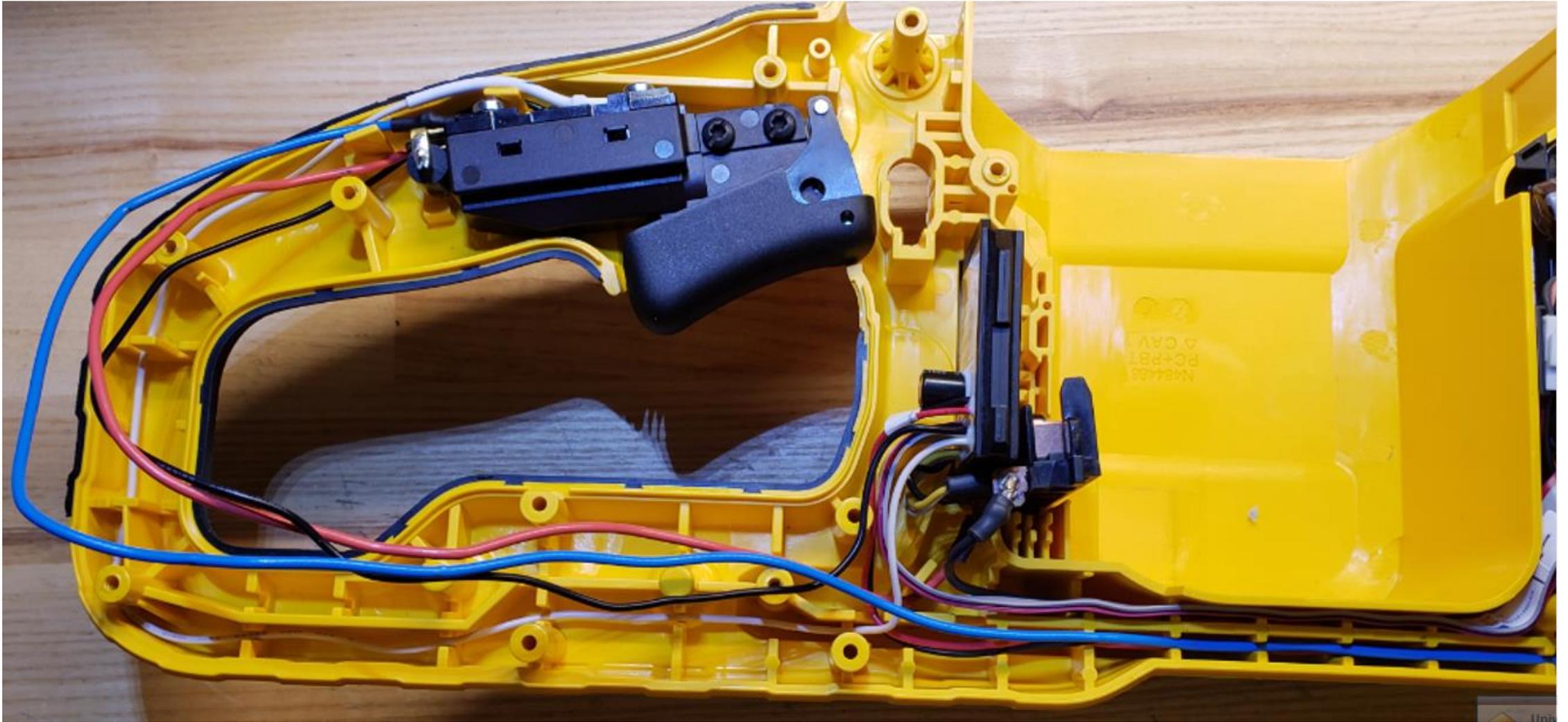
Route Black Power Wire & Ribbon Cable in Assembly Housing wire ways as shown.  
Ensure S-bend in Ribbon is maintained & that Ribbon does not protrude above rib-work  
& that there is clearance around screw bosses.



Place SA Battery Control Module & SA Terminal Block into Assembly Housing as shown.  
Ensure both SA's are thoroughly seated.



Route White Signal Wire in Assembly Housing wire ways as shown.  
Begin routing Black Signal Wire & Red & Blue Power Wires as shown.  
Pay special attention to the routing nearest to the Trigger, see next page for more detail.



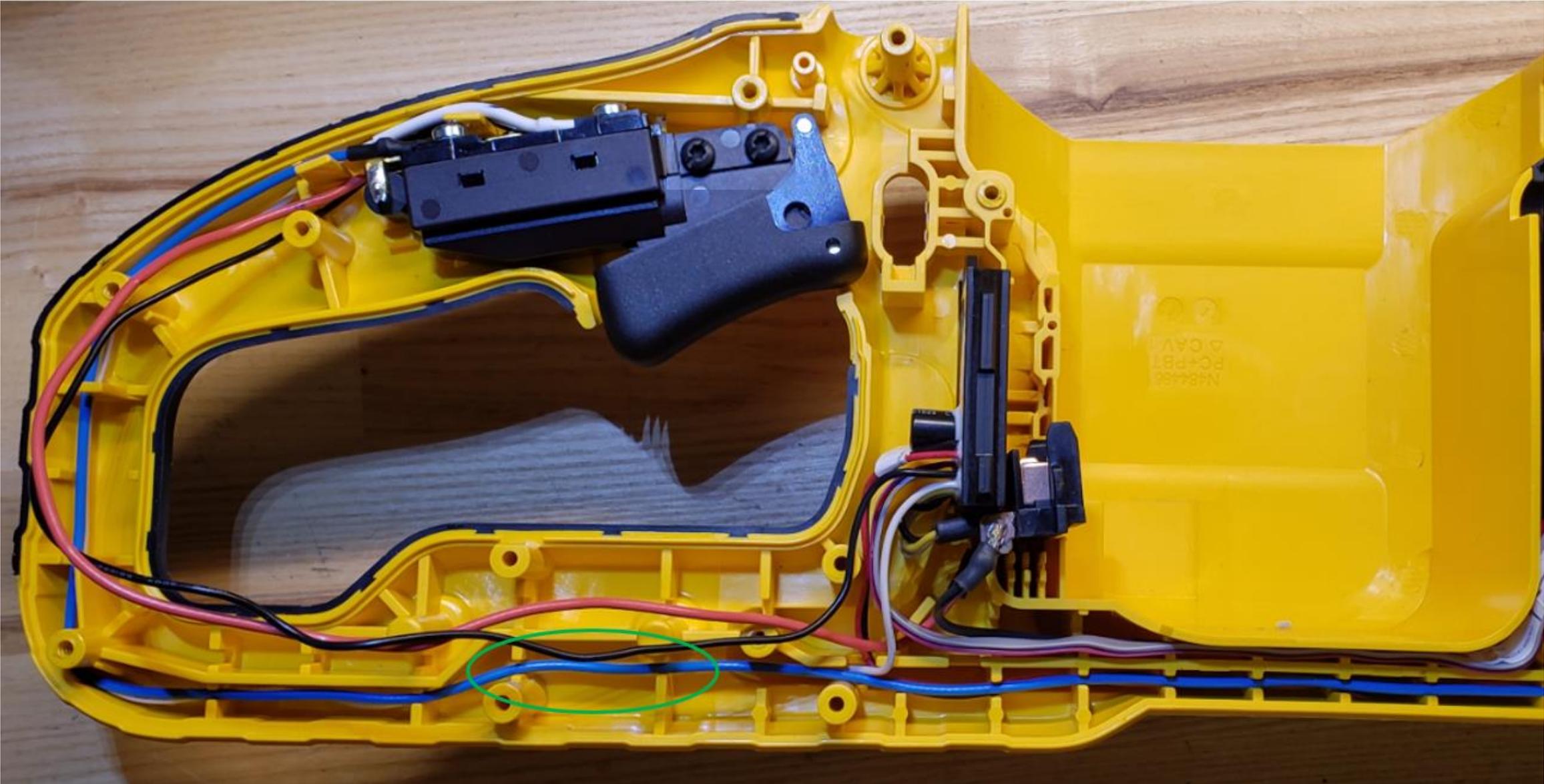
Wire routing nearest to the Trigger:

Starting from the right side of Trigger per the image below, the Black Signal Wire goes under the White Signal Wire above the separator rib.

Then Black Signal Wire goes under the 2<sup>nd</sup> separator rib & under the Red Power Wire. The White Signal Wire stay above the 2<sup>nd</sup> separator rib & goes under the Blue Power Wire.



Finish routing Blue Power Wire into Assembly Housing wire ways, retaining White Signal Wire as you go.  
Use circled area to push excess wire.



Route Black Signal Wire into Assembly Housing wire ways as shown.



Finish routing Black Power Wire into Assembly Housing wire ways, retaining Red Signal Wire as you go.  
Use circled area to push excess wire. Double check everything is where it belongs.  
Congratulations, you have finished the wire-up.

