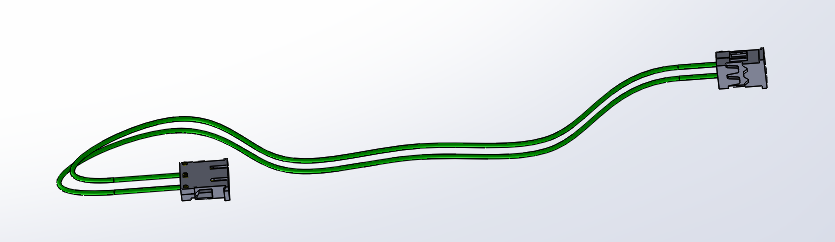
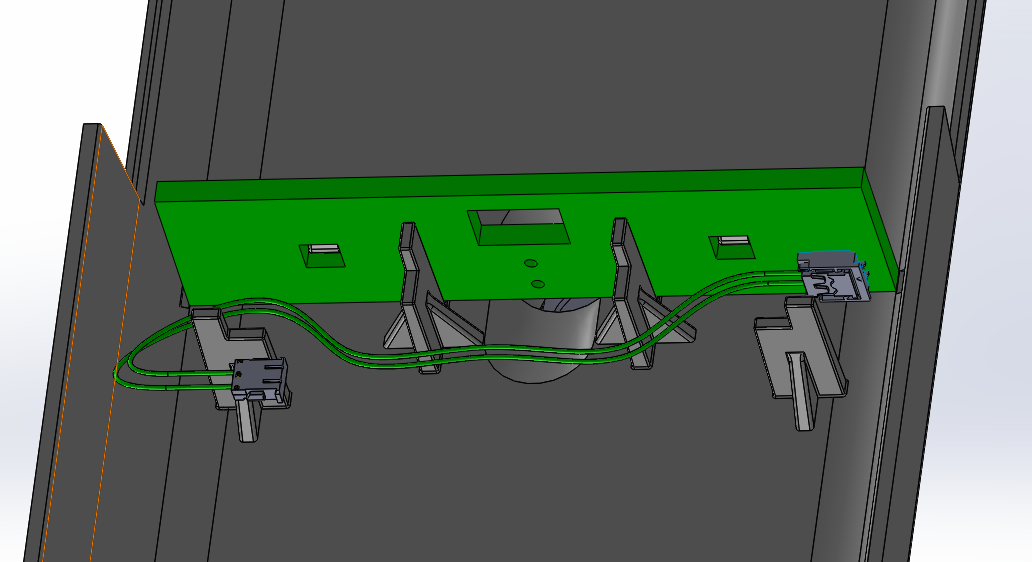
**Wire Routing Assembly Views**

*Vent Wires*

1. Battery Power Wire – 801-00033 – 3”



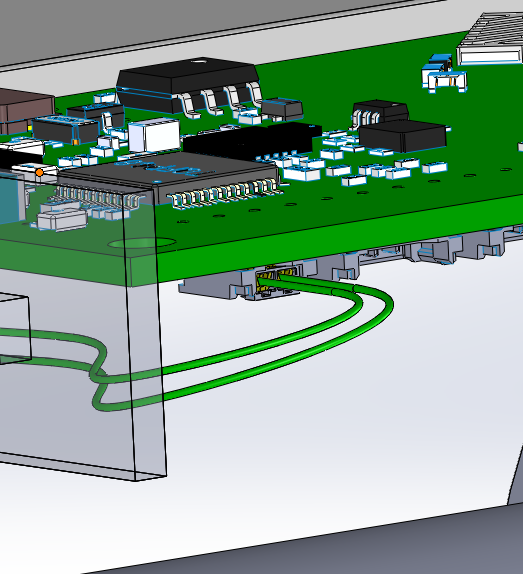
Step 1.1: Route wire from battery PCB to 2-pin molex connector on Vent PCB as shown



Vent PCB (hidden)

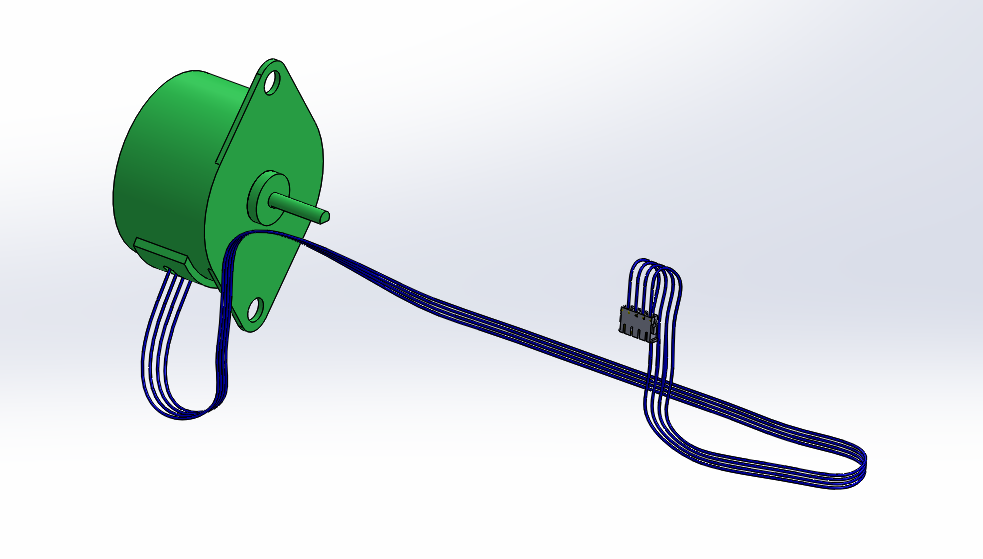
)

Battery PCB

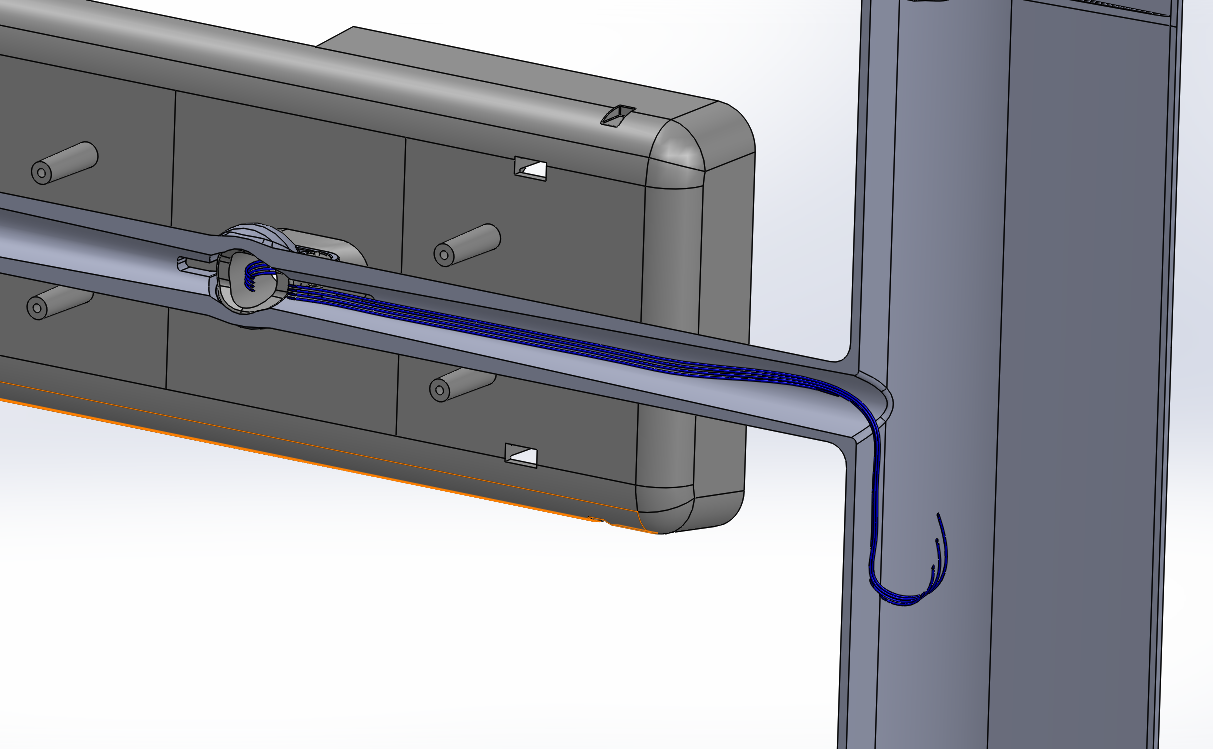
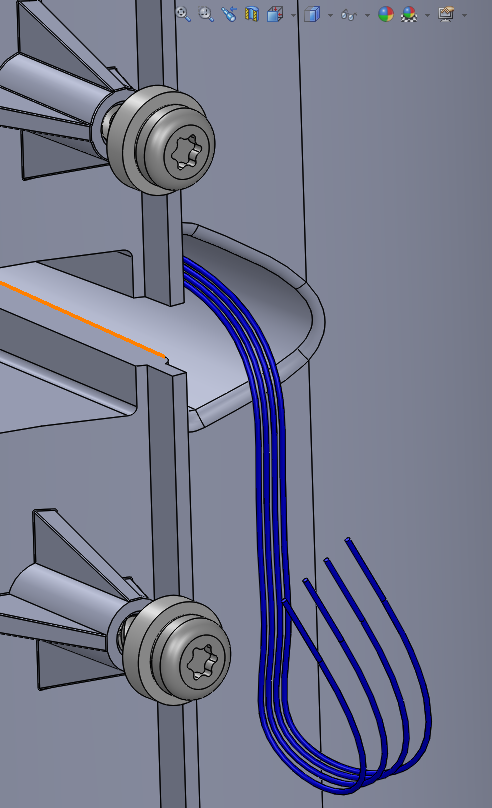
 

Vent PCB

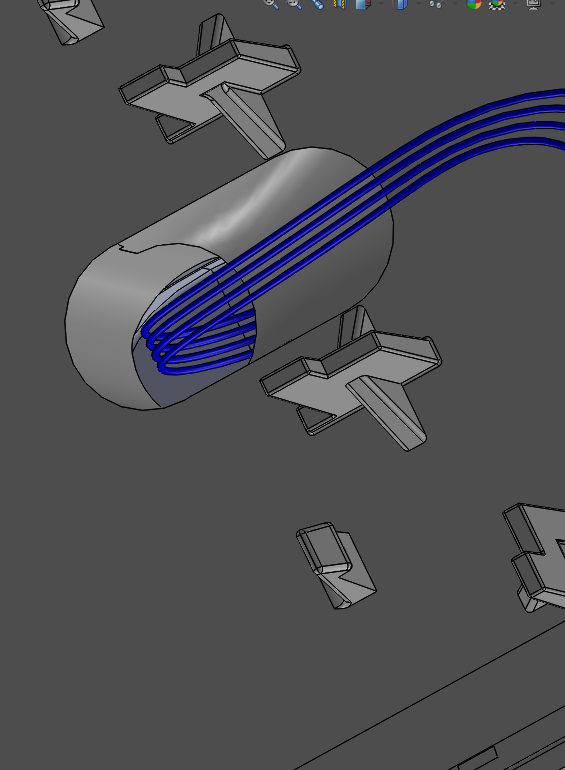
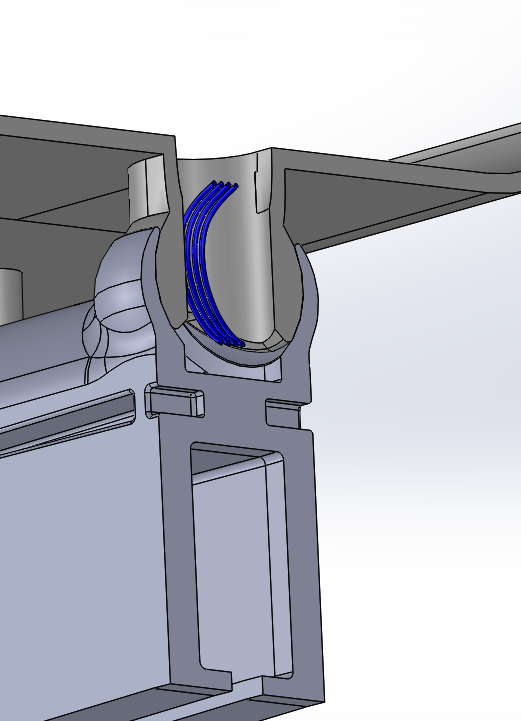
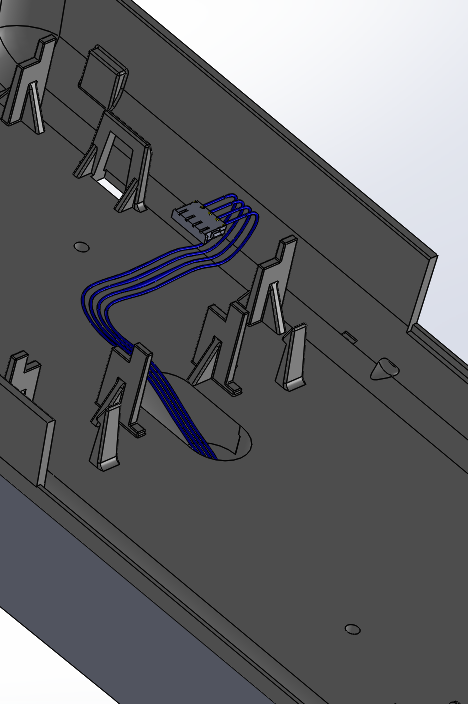
2. Motor Wire - 801-00034 – 9.25”



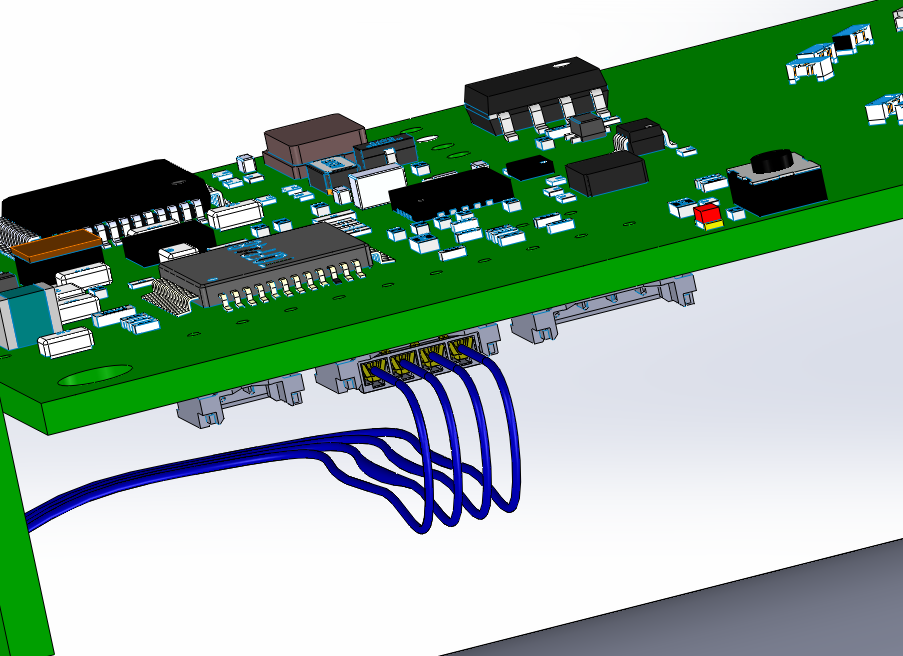
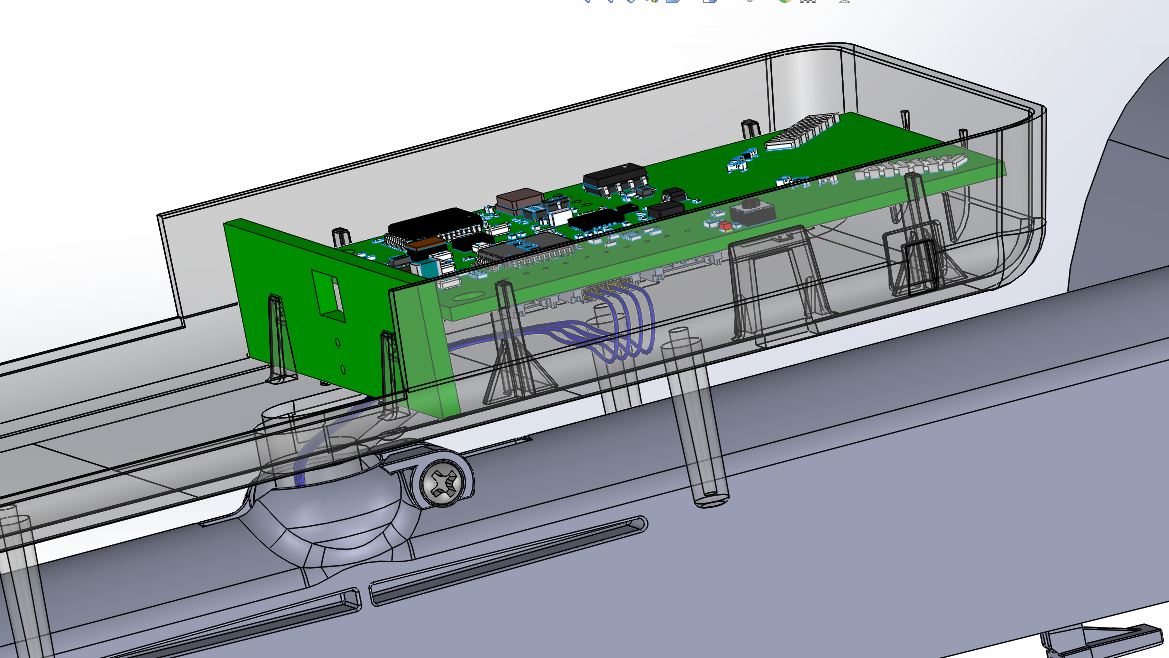
Step 2.2: Route wire into drivetrain tunnel and through the drivetrain.



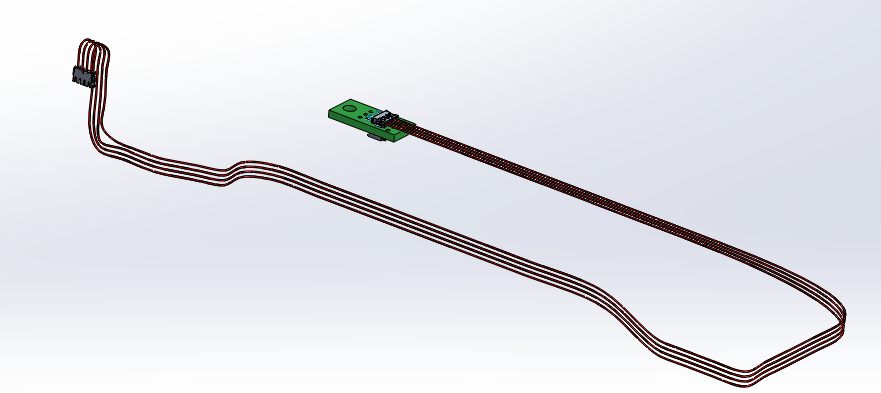
Step 2.3: Pull wire up through balljoint using tweezers or hook.

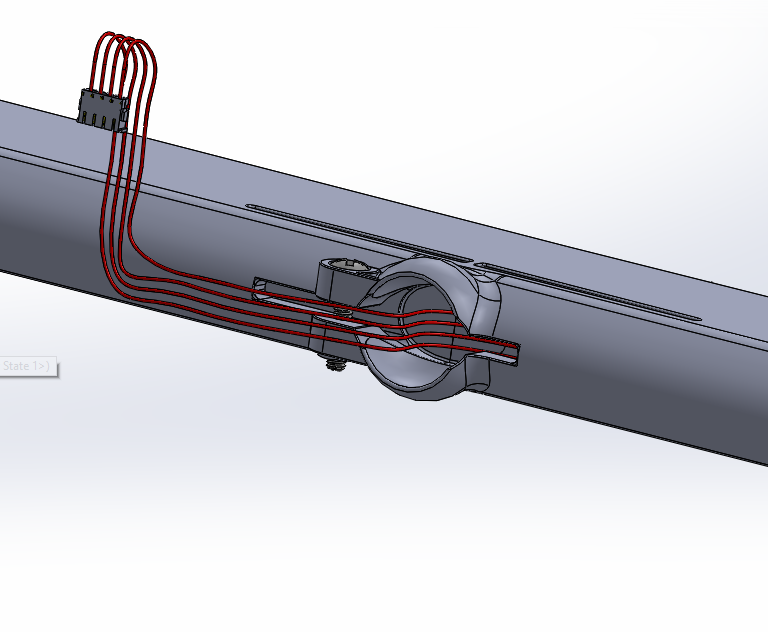
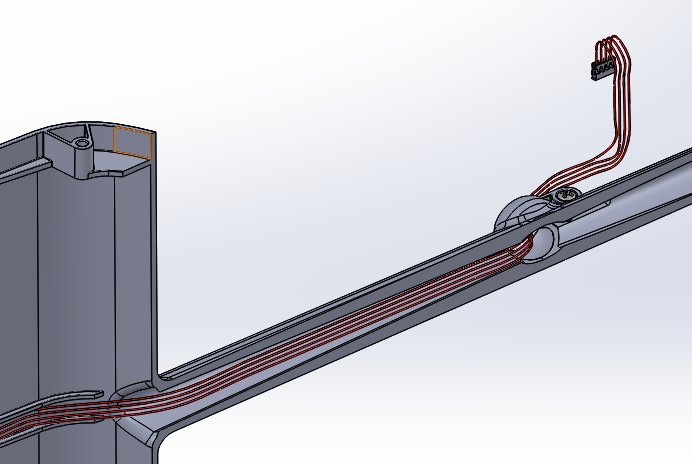
Step 2.4: Attach to center 4-pin female molex on Vent PCB. Excess wire is tucked beneath PCB if necessary.

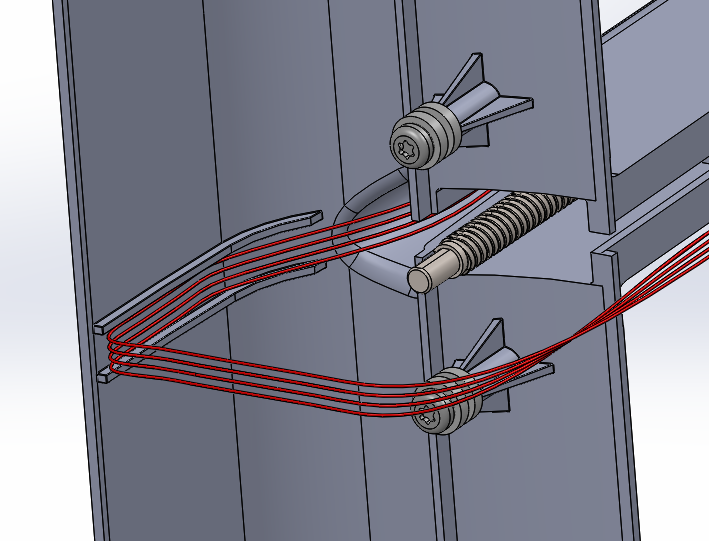
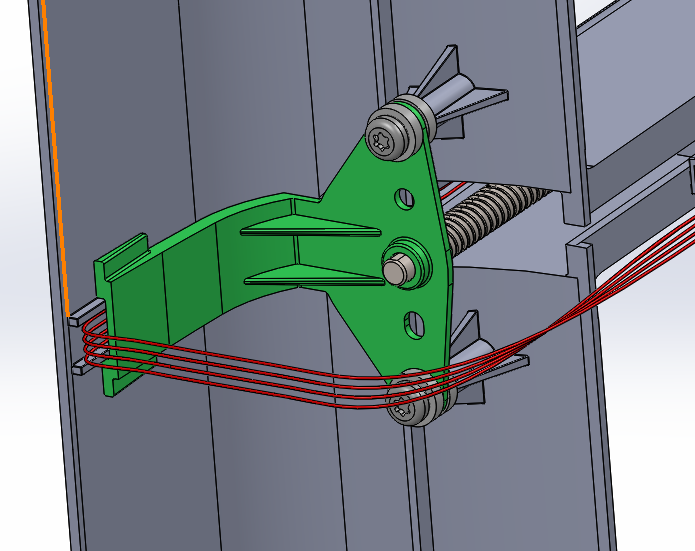
3. Pressure Sensor Wire – 801-00053- 16”



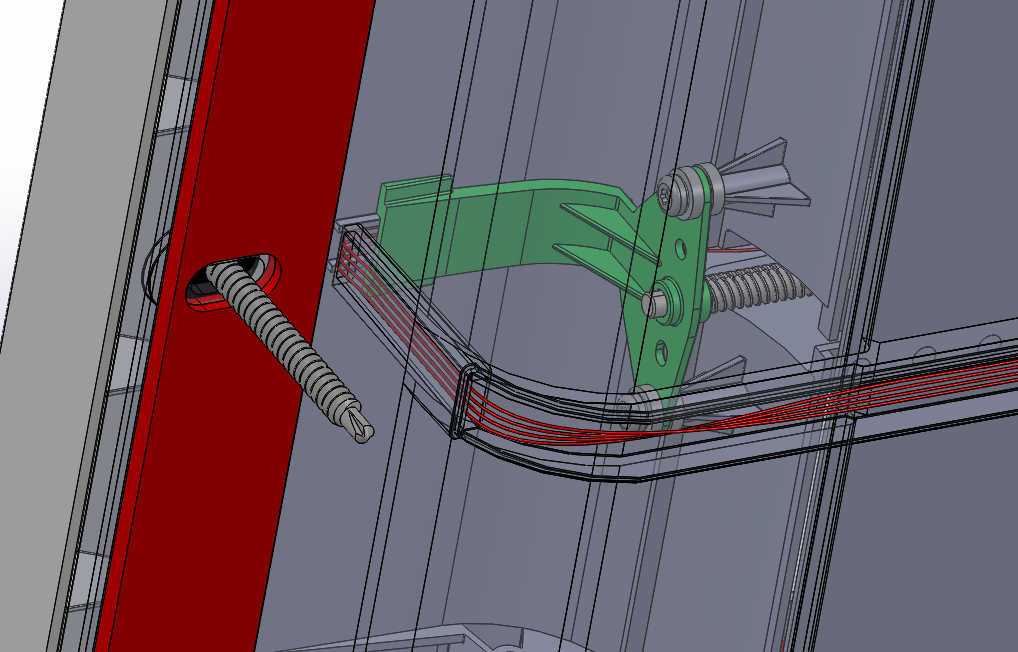
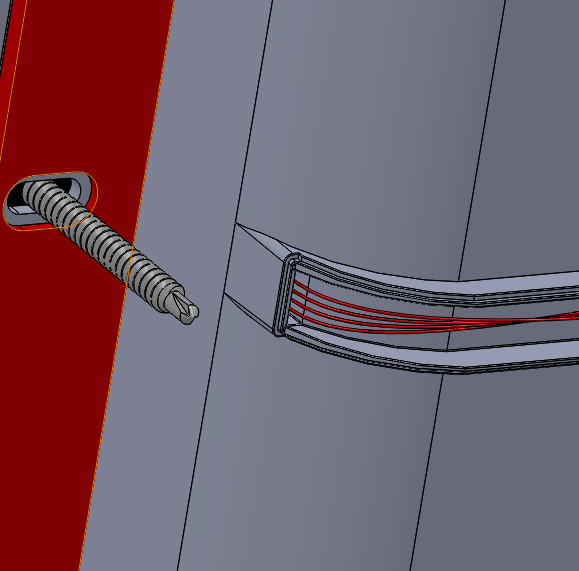
Step 3.1: Route wire into the balljoint opening and through the drivetrain tunnel.

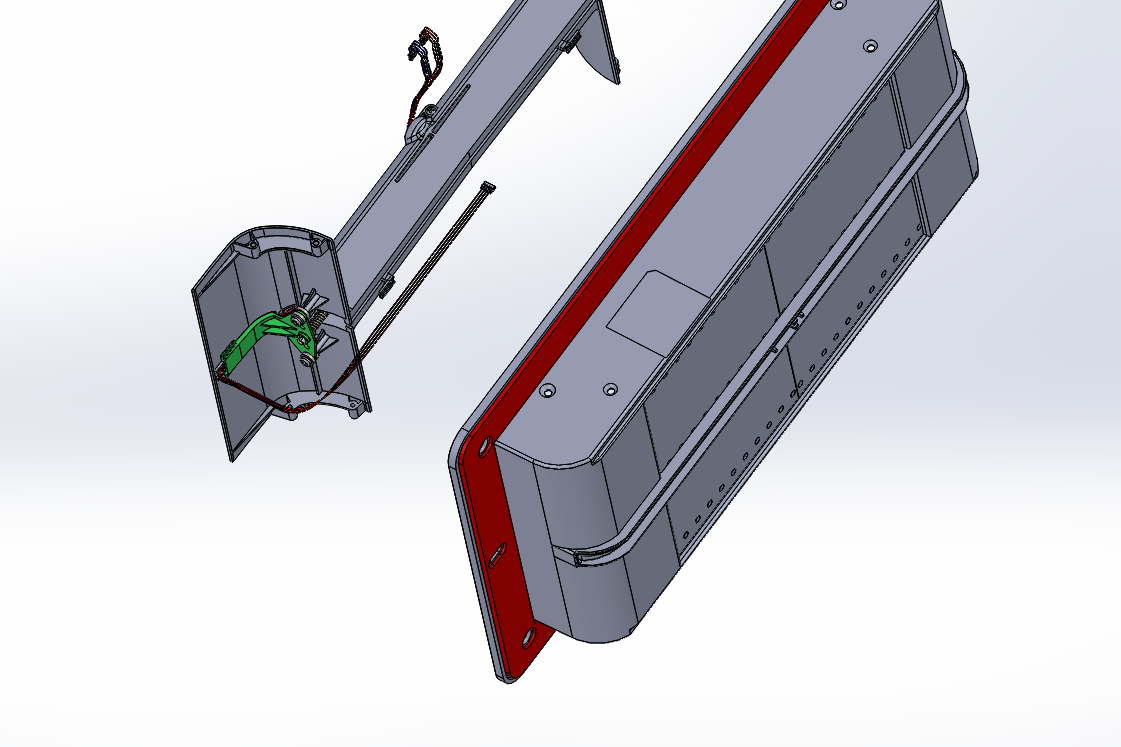
 

Step 3.2: Route wire out of drivetrain tunnel and behind bushing

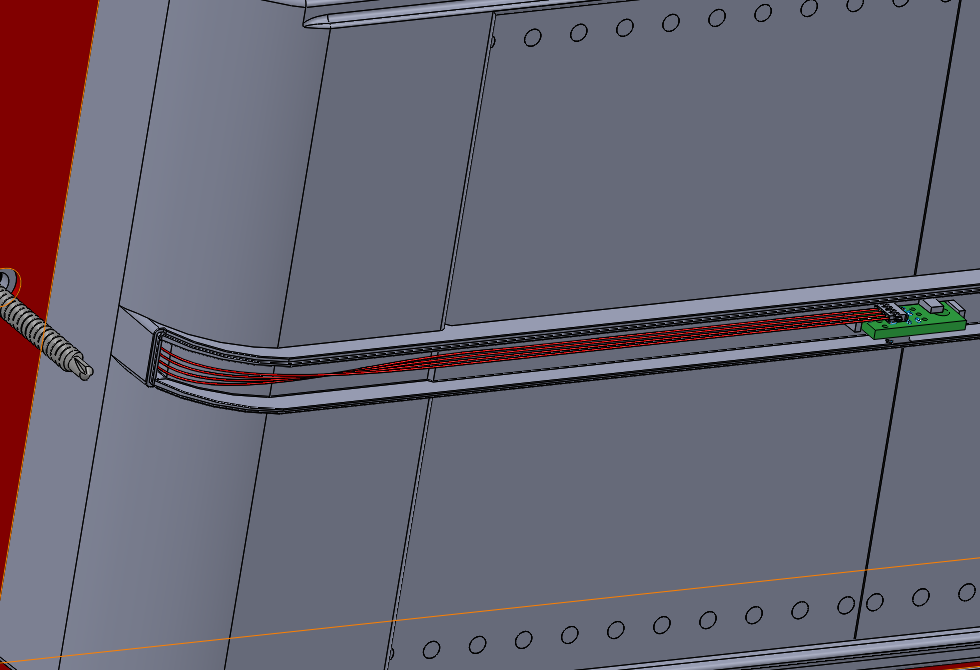
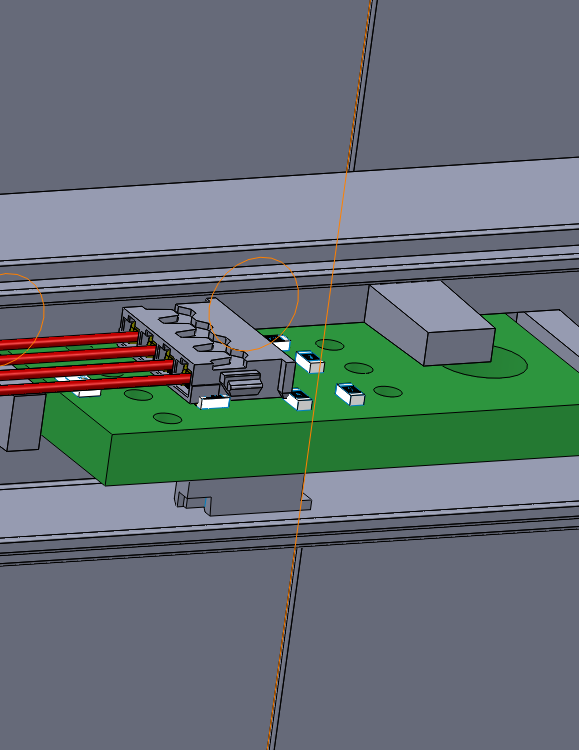
Step 3.3: Route wire through outer box while inserting drivetrain into outer box

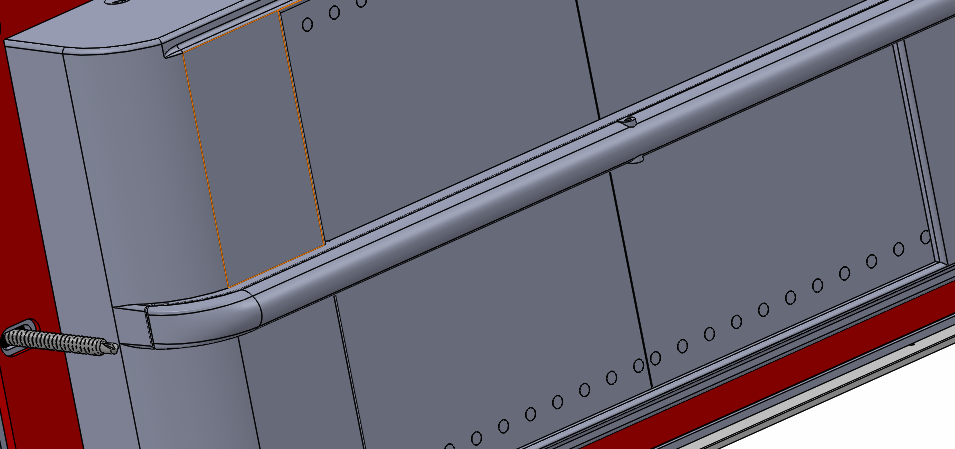
 



Inserting drivetrain into outer box

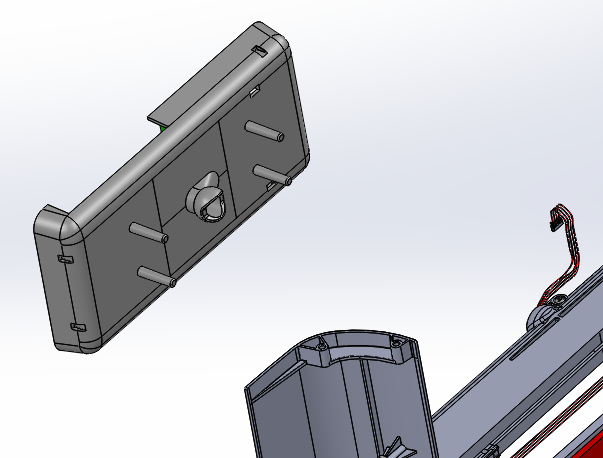
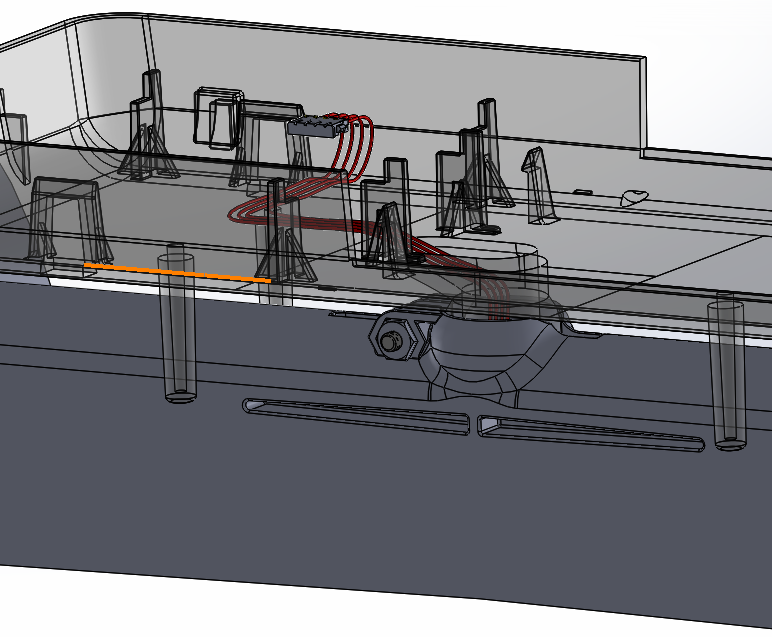
Step 3.4: Route wire to pressure sensor. Then attach pressure sensor cover.

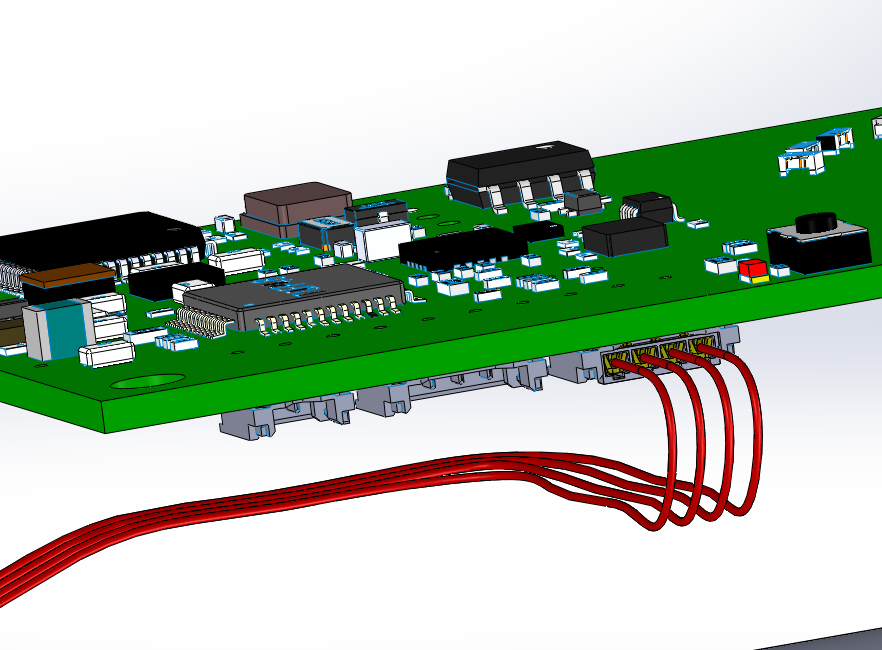
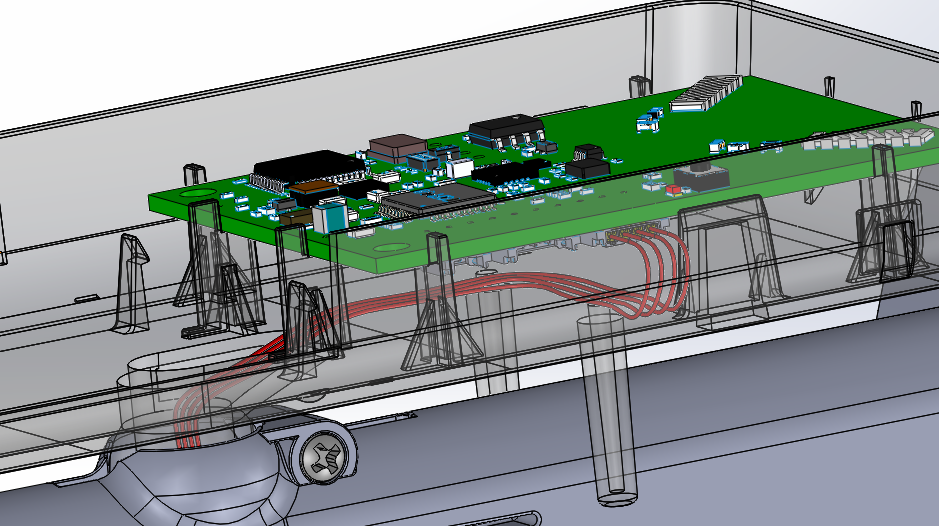


Attached Pressure Sensor Cover

Step 3.5: Attach balljoint faceplate. Route wire through balljoint hole. Same as step 2.3.

Step 3.6: Attach to outer 4-pin female molex connector on Vent PCB. Extra wire can be tucked under PCB if necessary.

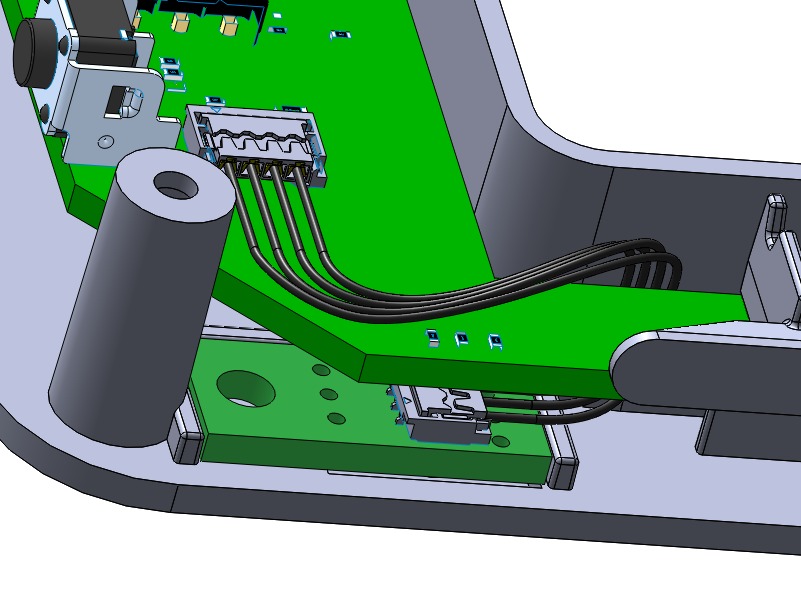
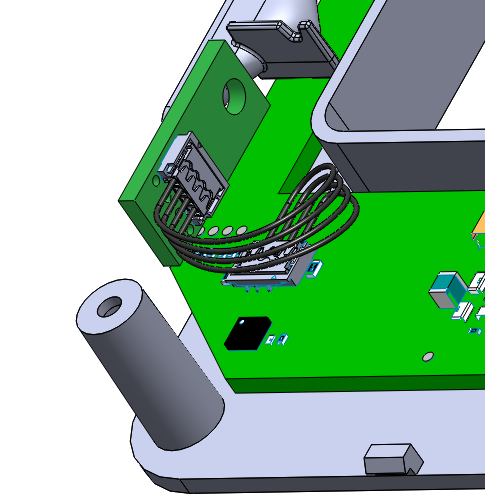
*Wall Sensor Wires*

4. Sensor Ring Wires – 801-00050 – 1.75”



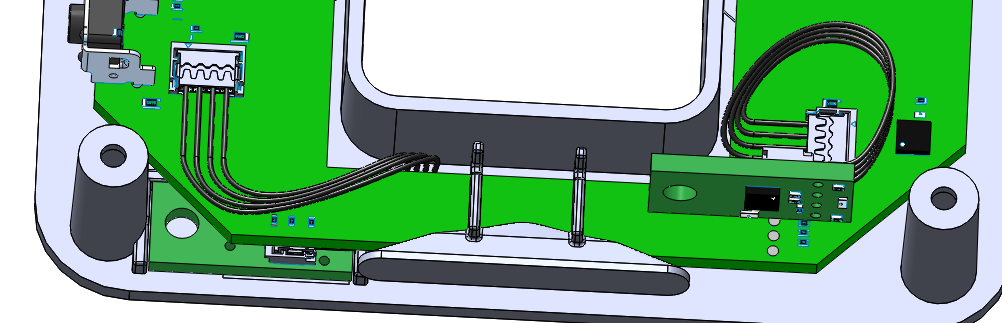
2 instances

Step 4.1: Route harnesses from sensor ring to pressure and temperature boards as shown.

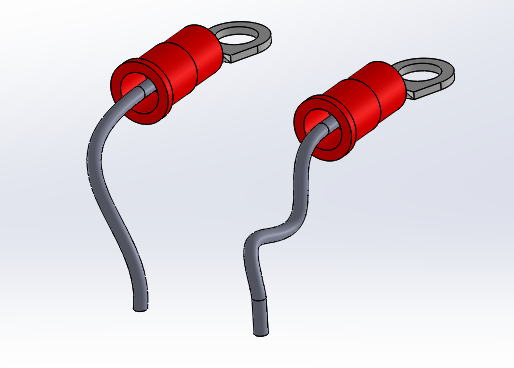
 

Temperature Sensor PCB

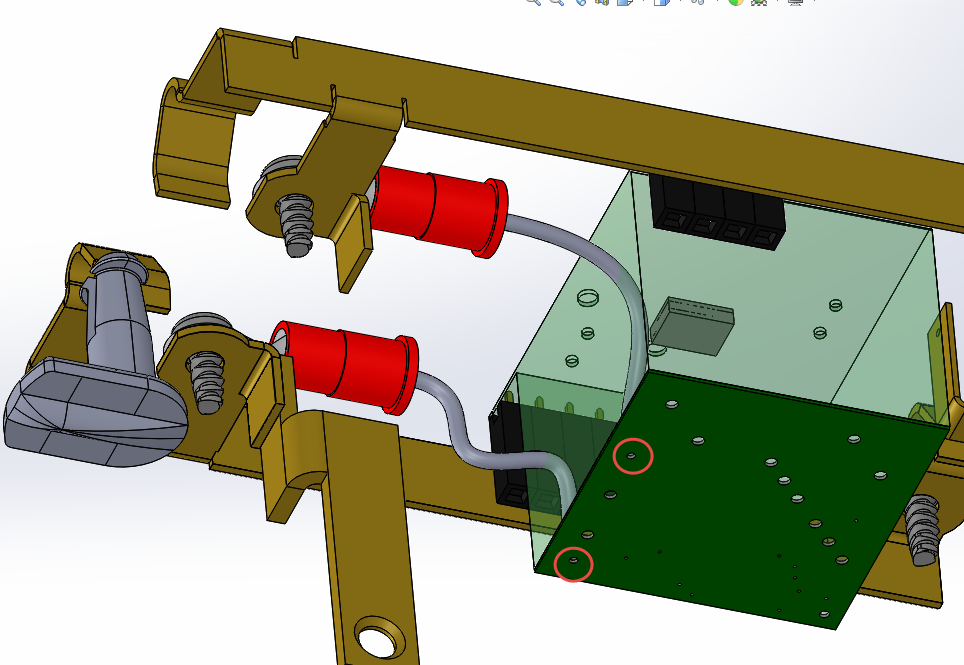
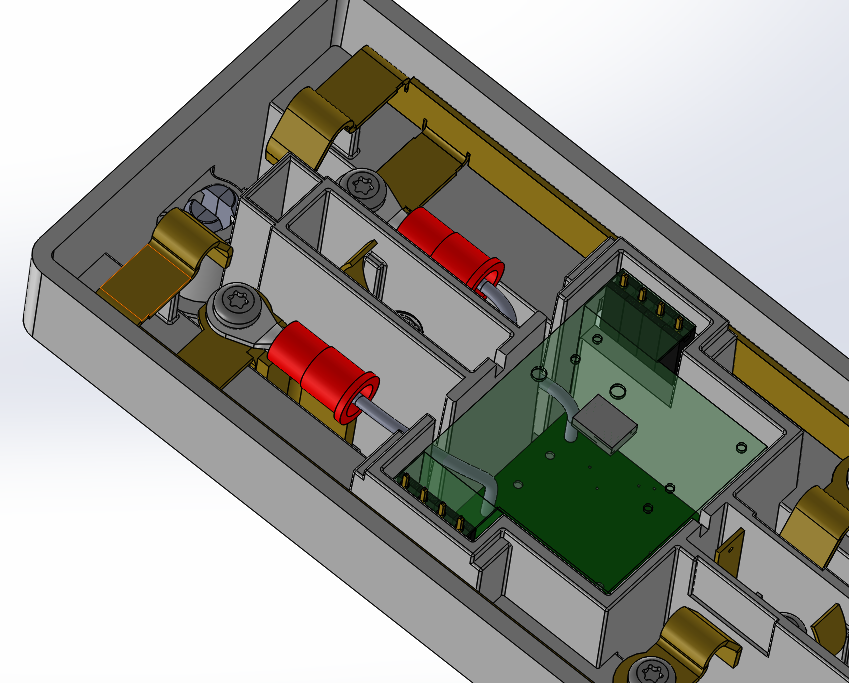
Pressure Sensor PCB



5. Power Prong Wires – 801-00049 – 1.5”



Step 1: Screw connectors in. Route to power core PCB as shown



2 screws