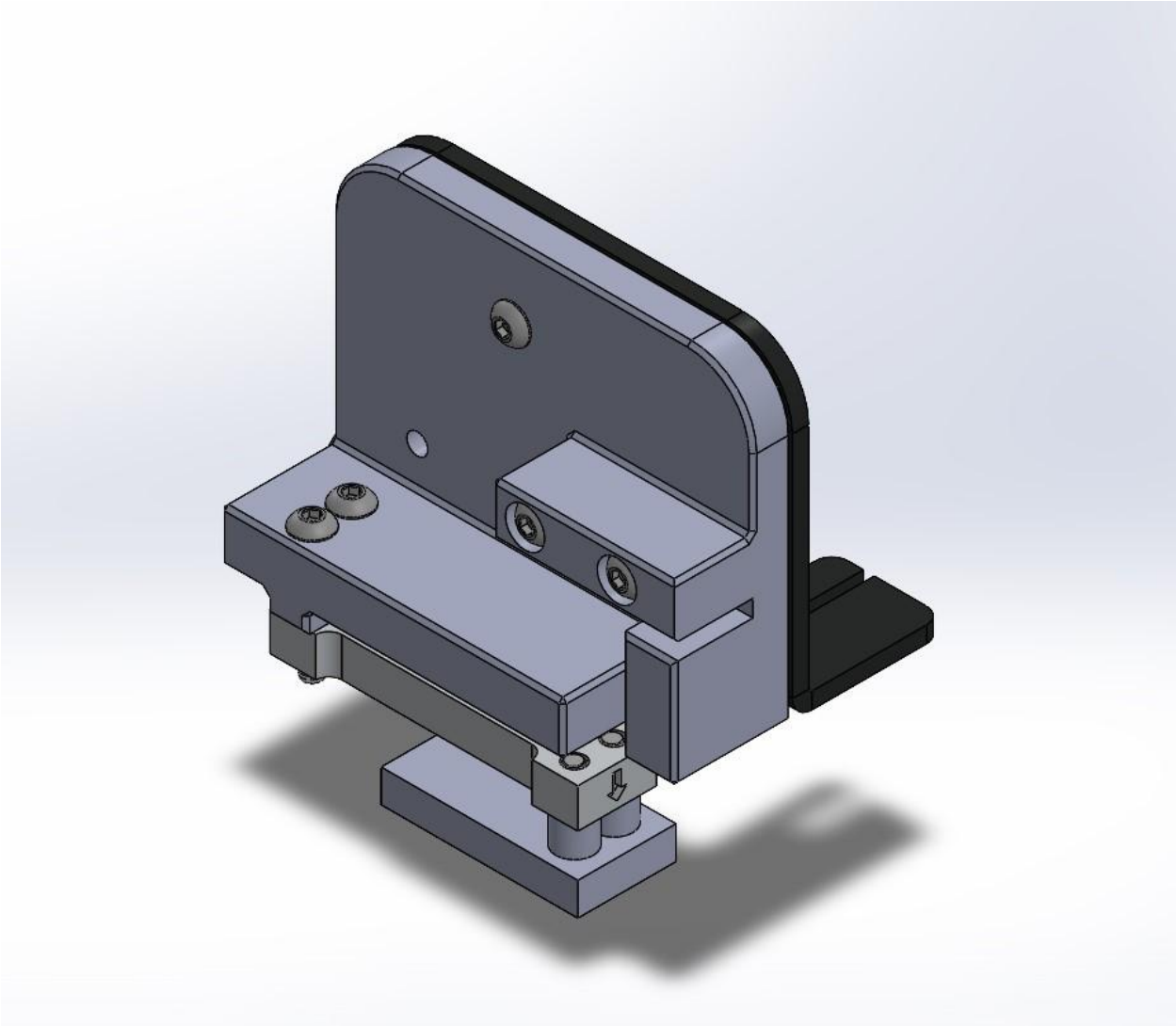
Load Cell Adapter - Assembly Manual

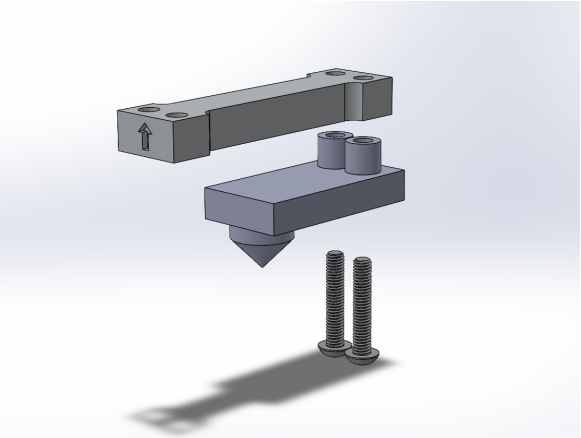


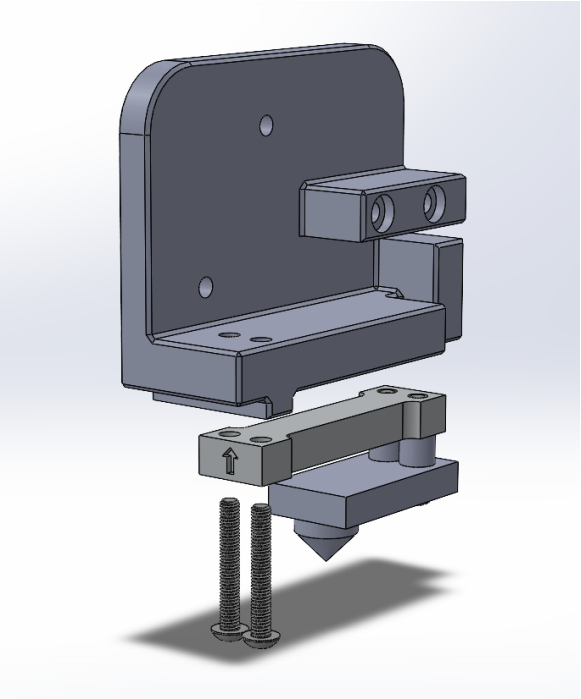
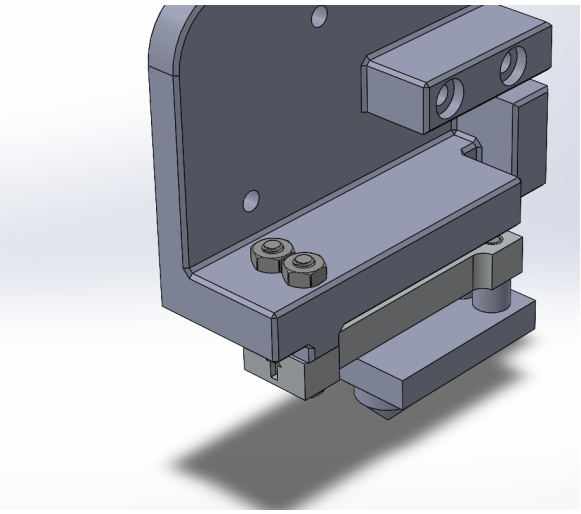
Materials

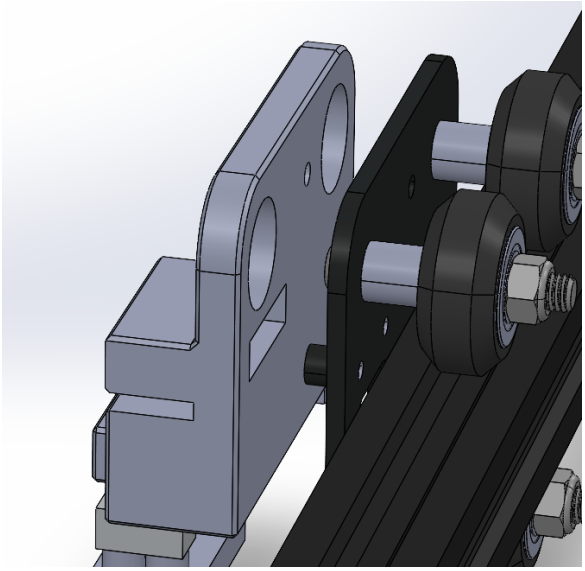
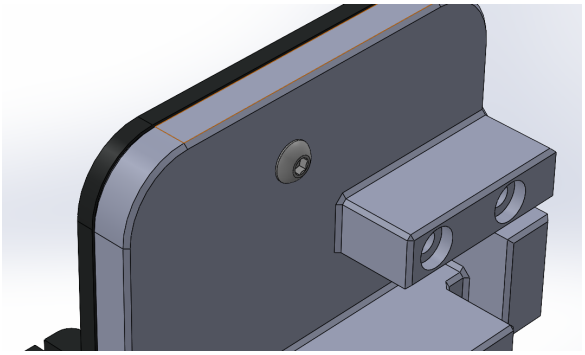
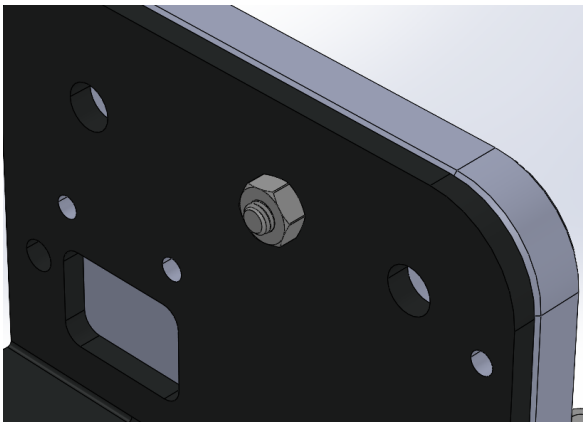
1 - 3D printed adapter
1 - 3D printed probe
1 - Load cell (https://www.digikey.ca/short/pr5hbz4h, $16.49)
4 - M3 x 0.5 20 mm hex drive screw (https://www.mcmaster.com/92095A185/)
1 - M3 x 0.5 12 mm hex drive screw (https://www.mcmaster.com/92095A183/)
2 - M3 x 0.5 16 mm hex drive screw (https://www.mcmaster.com/92095A184/)
3 - M3 x 0.5 hex nut (https://www.mcmaster.com/90592A085/)

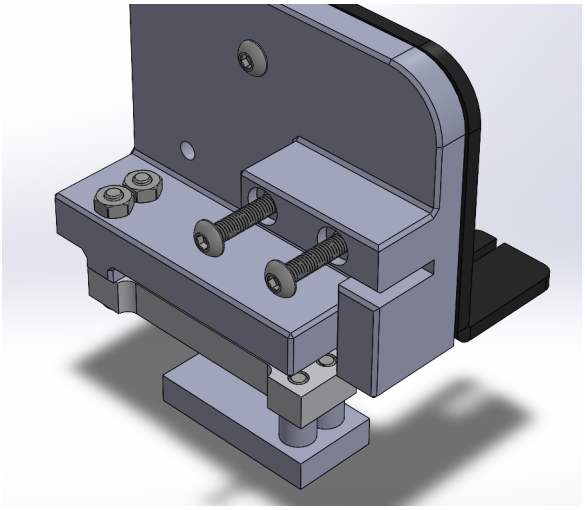
Instructions

Adapter + Load Cell

1.	Remove hot end cover using included 2mm allen key	
3.	Remove PTFE tube from the extruder bracket	
4.	Mover hot end to the side of the printer	
5.	Attach the probe to the load cell using two M3 16 mm hex drive screws. Ensure that the orientation of the load cell is correct	

6.	Insert two M3 20 mm hex drive screws into the other side of the load cell, flat side facing upwards.	
7.	Insert the load cell into the adapter, fixing it with two M3 hex nuts. Ensure that the connections are secure	

8.	Align the guides into the hot end bracket	
9.	Use a M3 12mm hex drive screw to attach the adapter at the top. Tighten with an M3 nut	 

10.	Use two M3 20 mm hex drive screws to secure the adapter at the right side	
11.	Insert the headers between the spaces of the adapter. Sand the spaces if the headers does not fit Attach the wires from the PCB to the headers