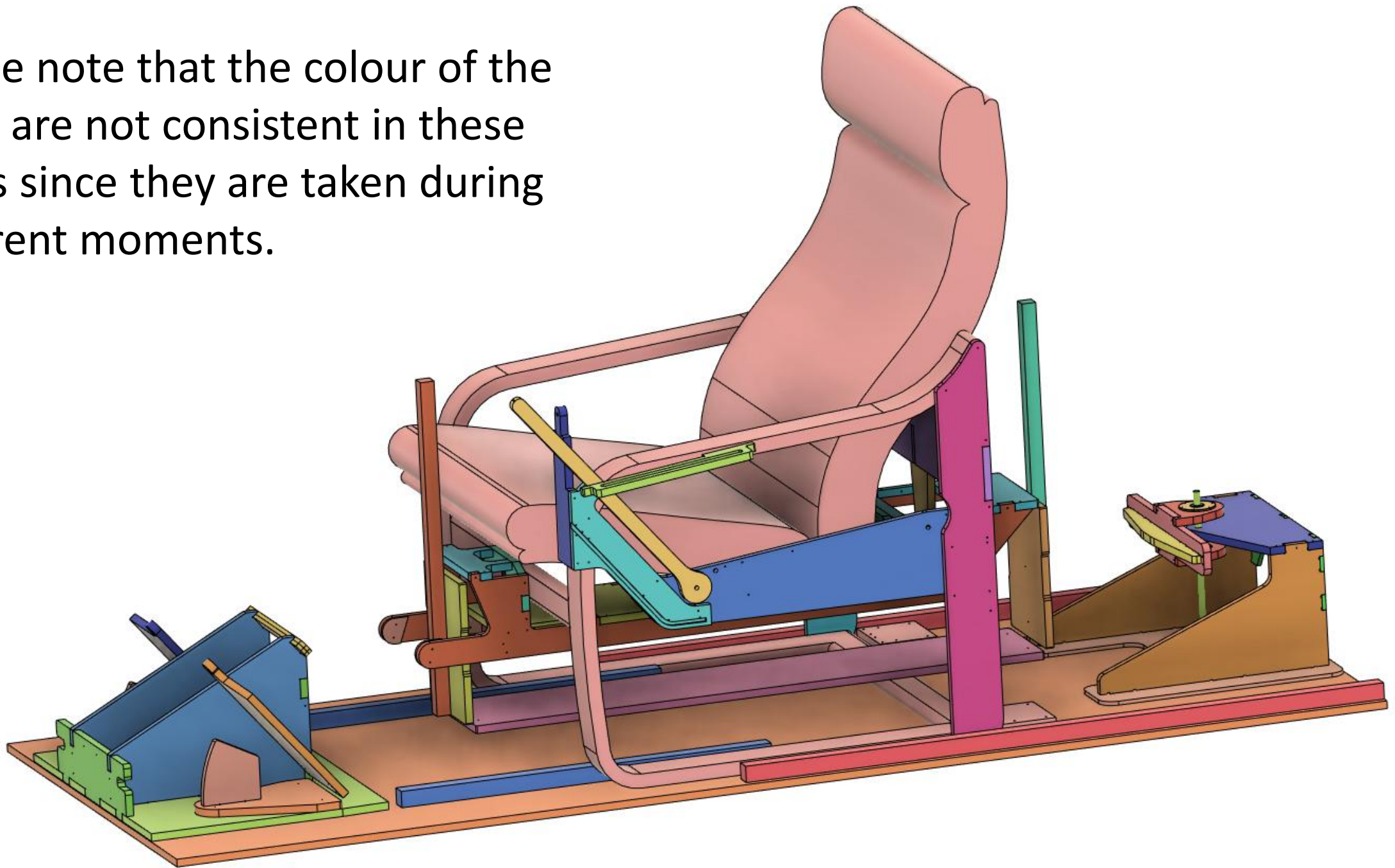




























Please note that the colour of the parts are not consistent in these slides since they are taken during different moments.



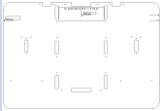
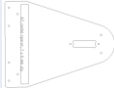





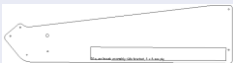


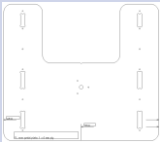
12 mm

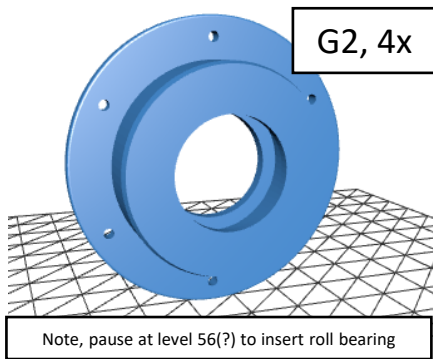
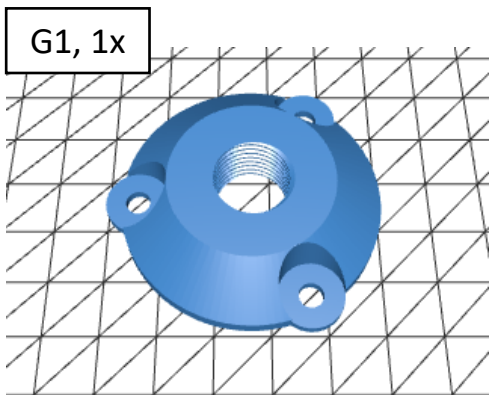
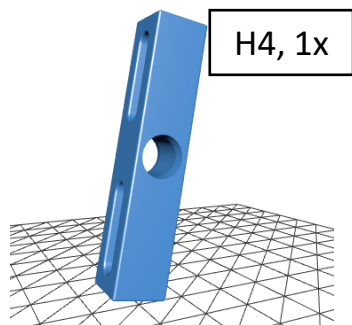
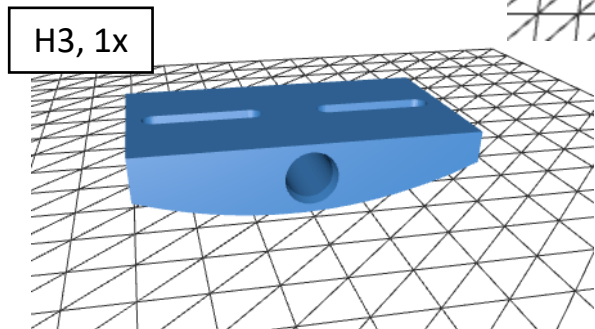
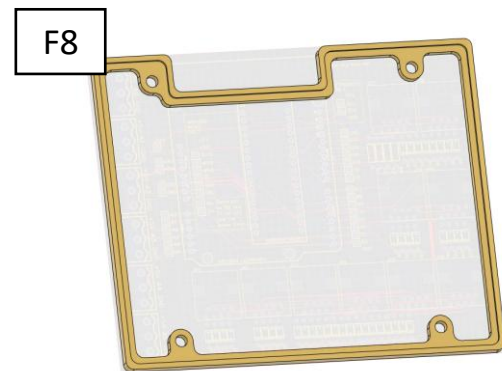
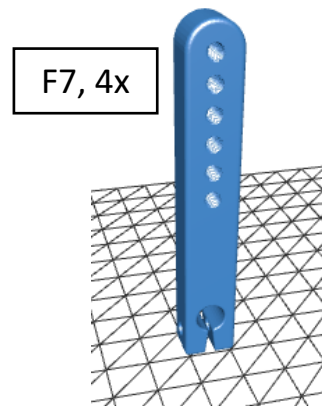
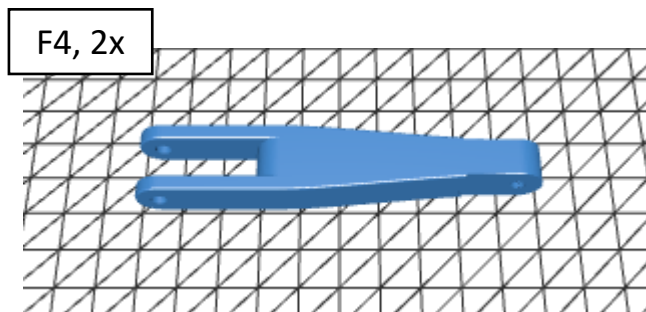
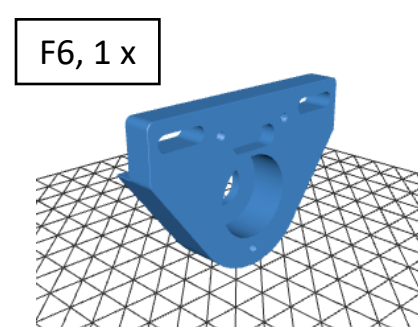
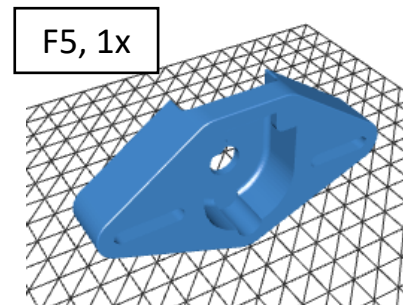
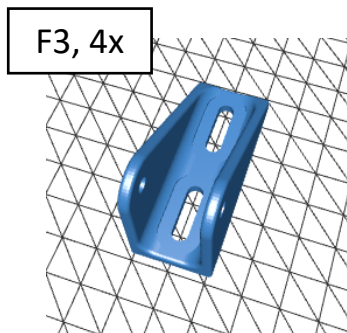
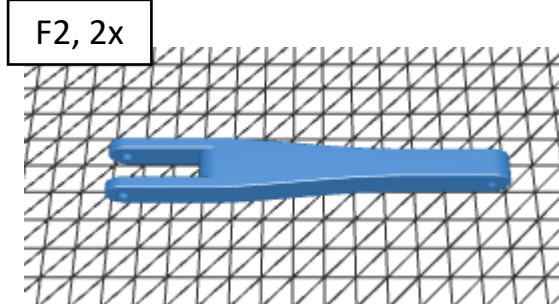
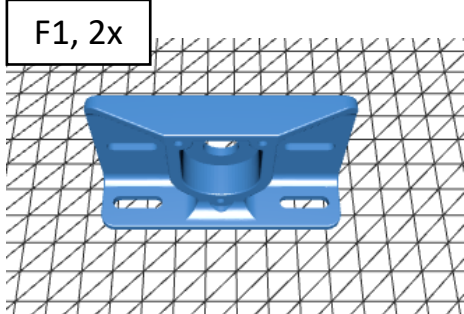
Name	Count	
A3	2	
A4	2	
A5	1	
A6	1	
A9a	2	
B1	2	
B2	1	
B3	2	
B4	1	
B5	1	
B6a	2	
B7	1	
C1a	2	
C2a	2	
C3a	1	
D4	1	

12 mm

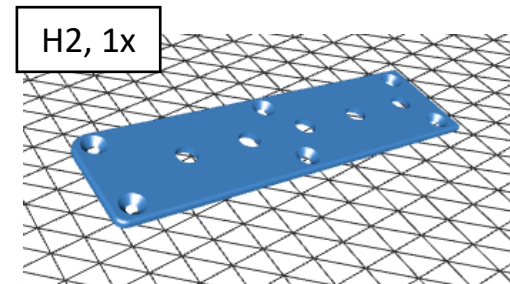
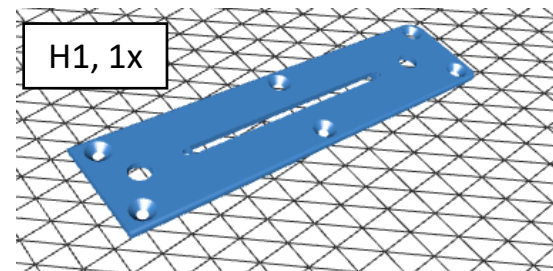
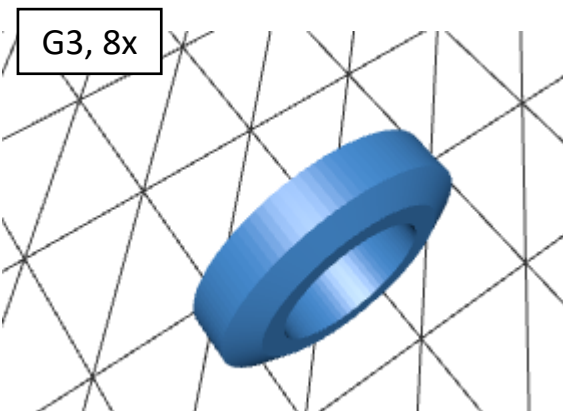
Name	Count	
D5	1	
D6	1	
E2	2	
E3	1	
E4	1	
E5	1	
E6	2	
E7	1	
E8	4	
E9	2	

6 mm

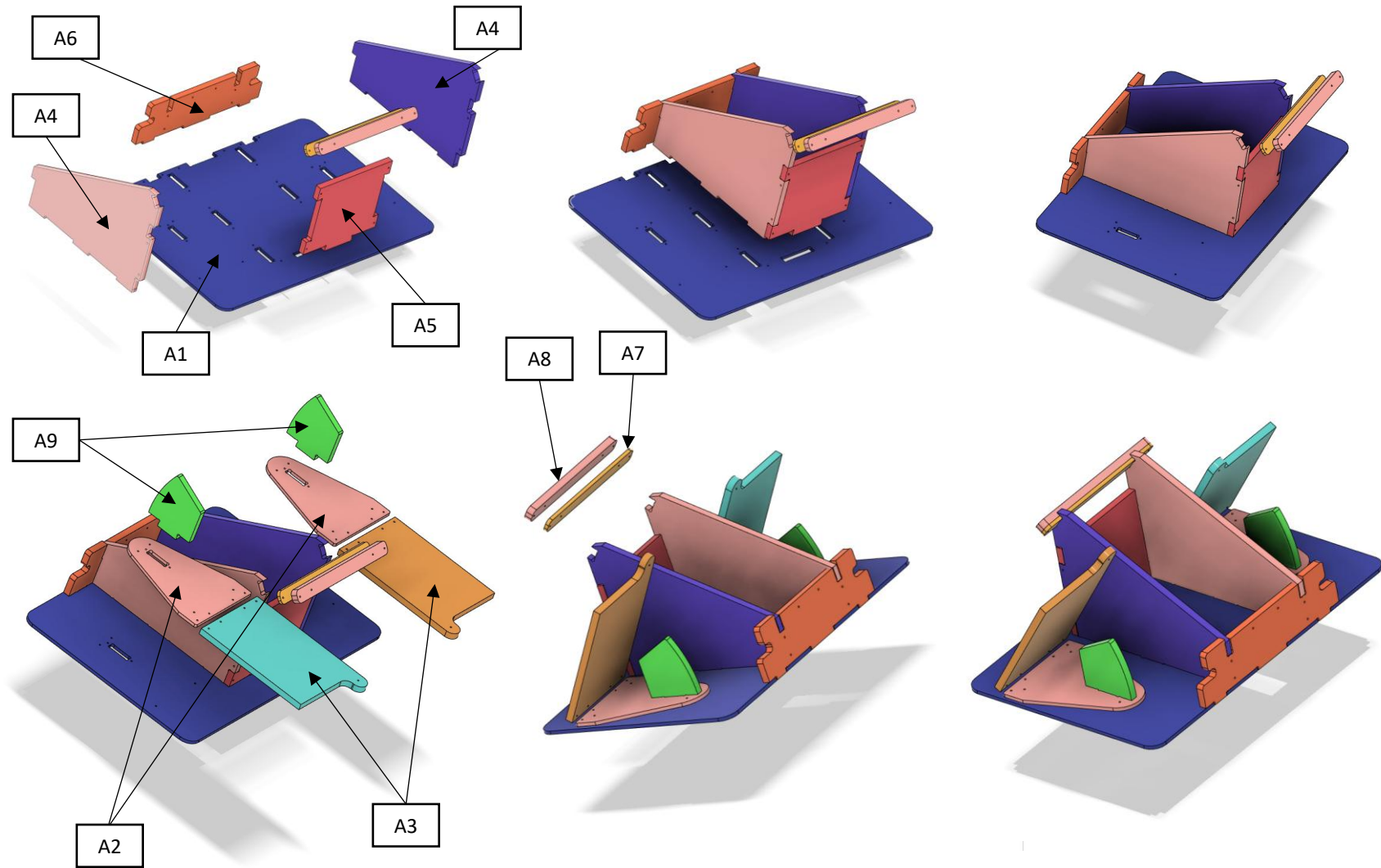
Name	Count	
A2	1	
A2	2	
A7	1	
A8	1	
B8	2	
B9	2	
B10	1	
D1a	1	
D2	1	
D3	1	
E1	1	

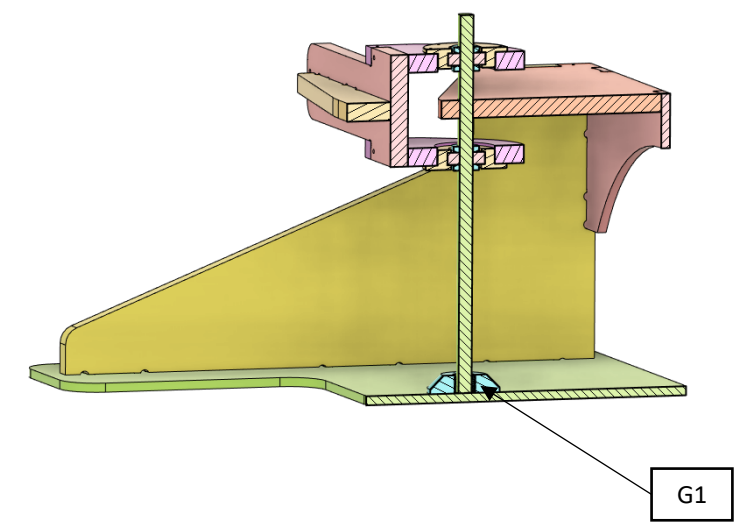
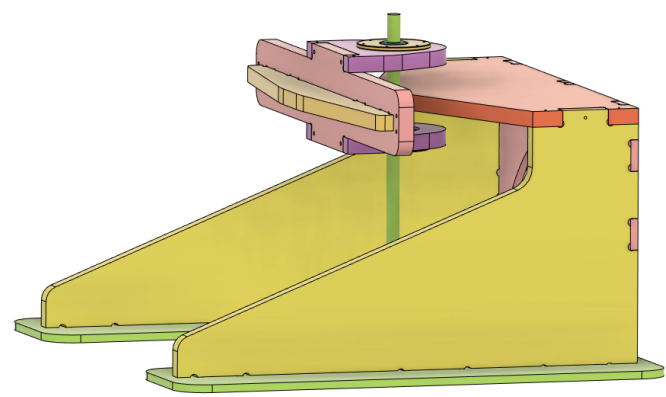
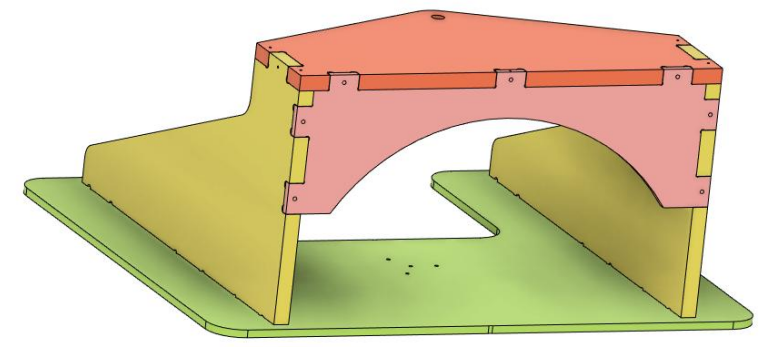
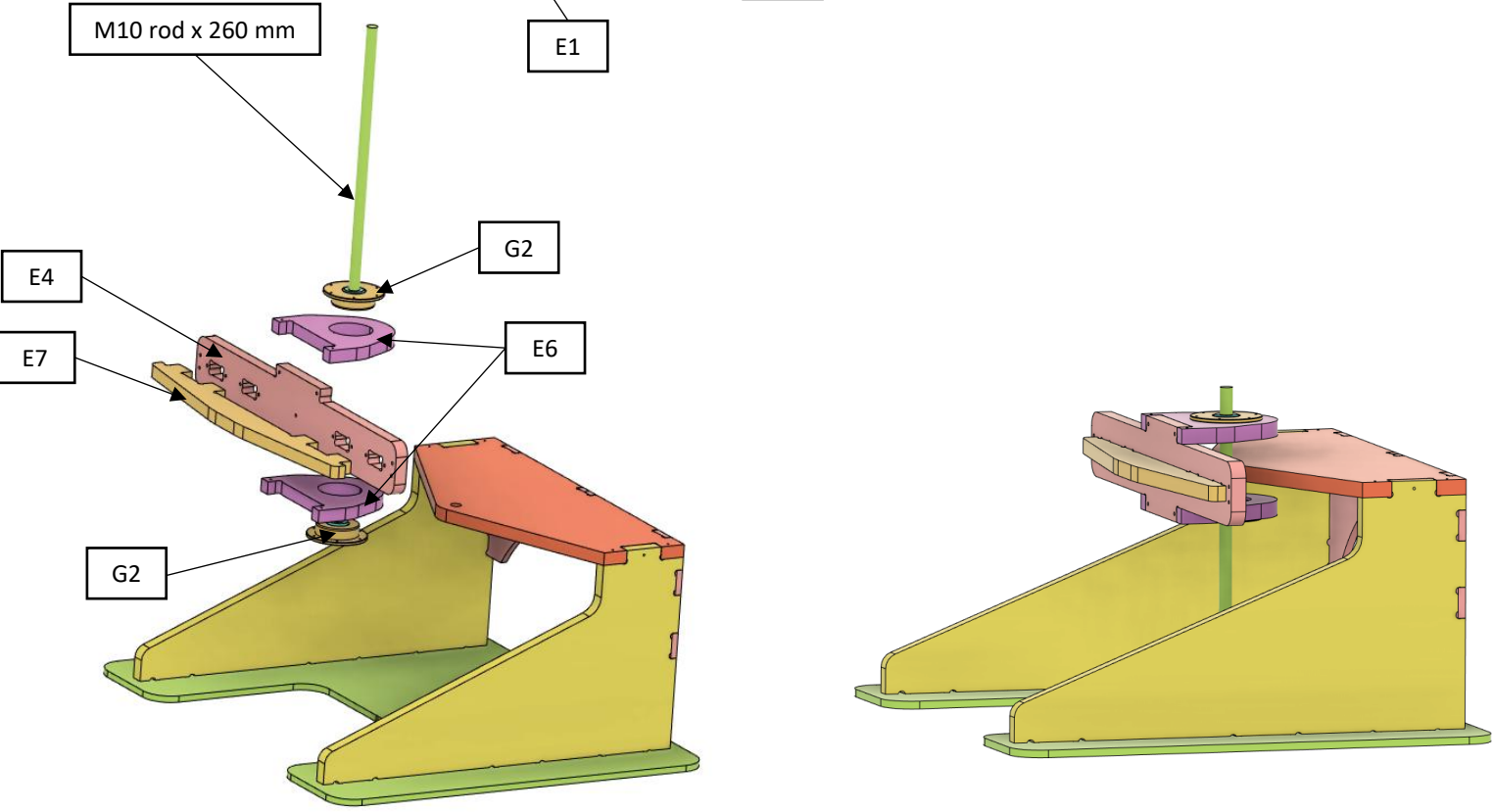
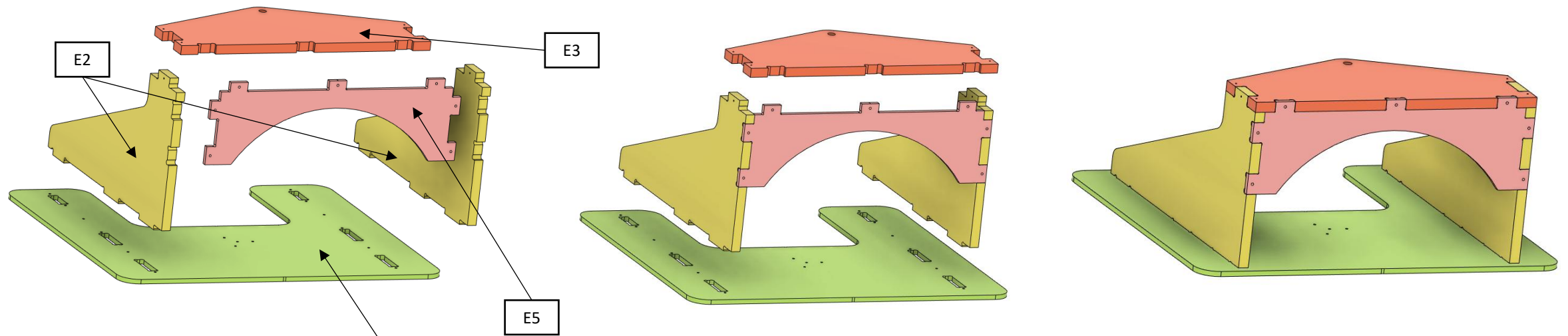


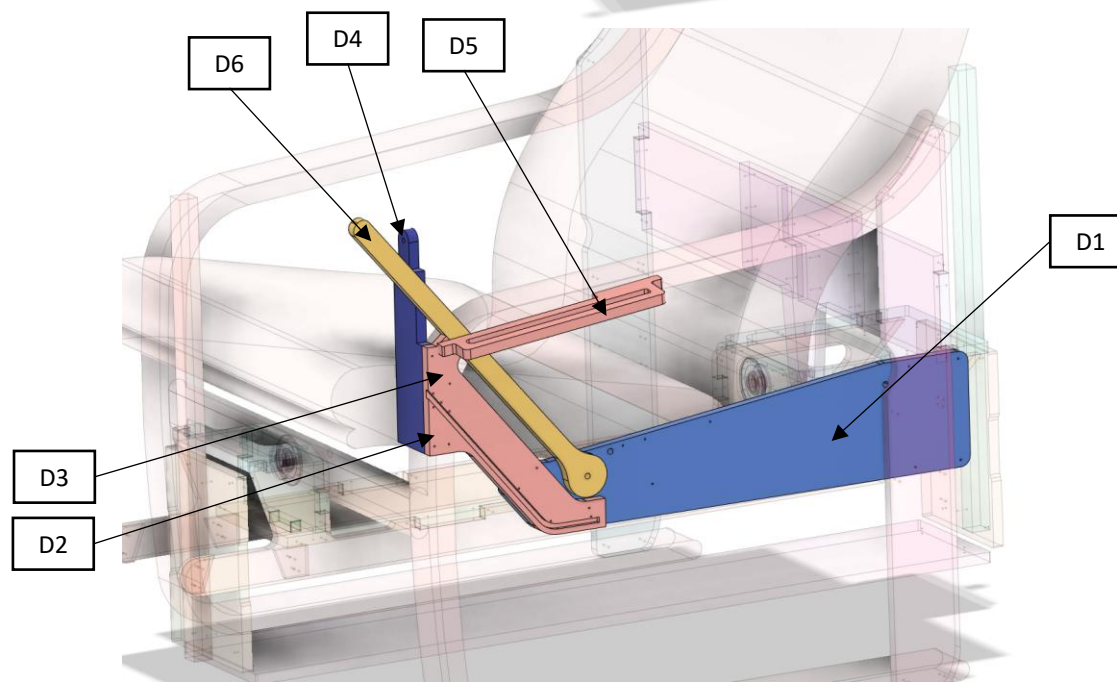
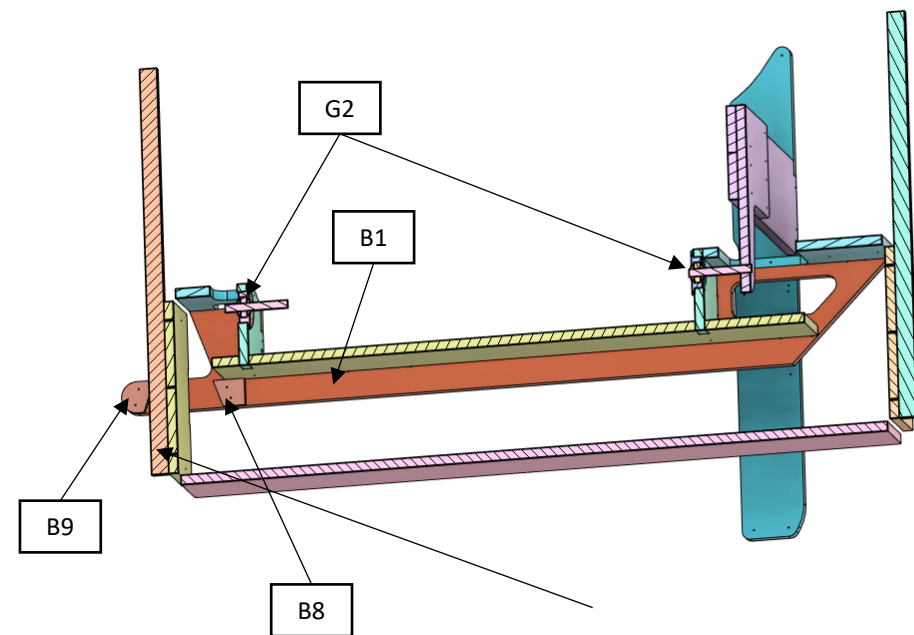
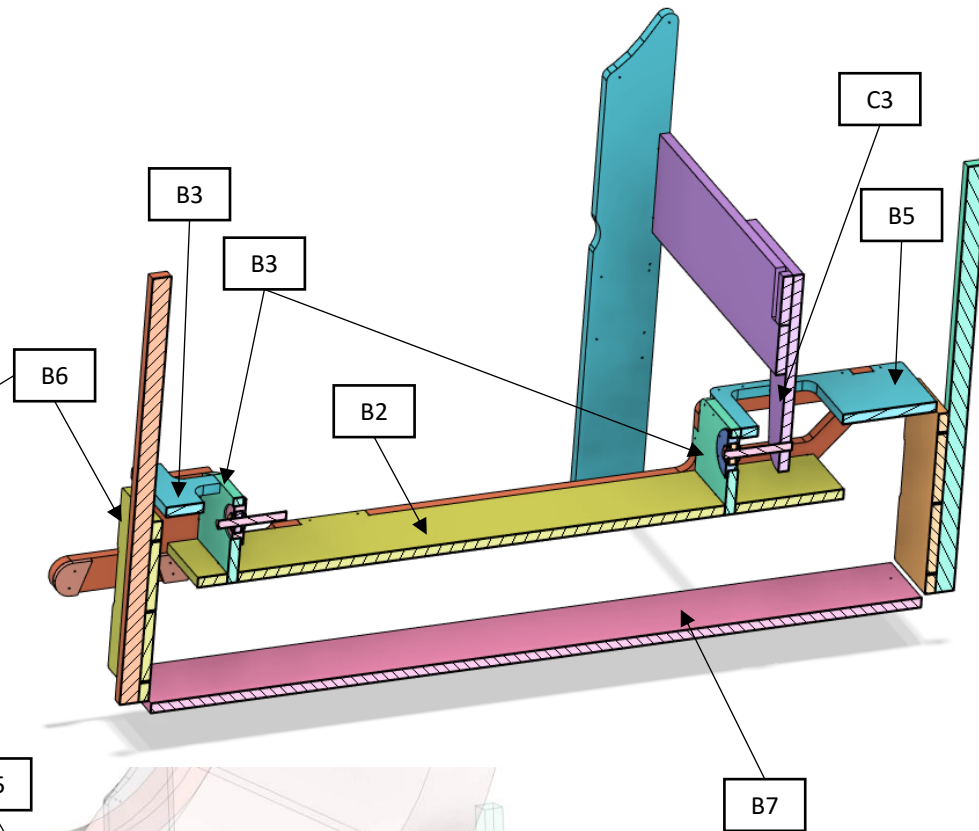
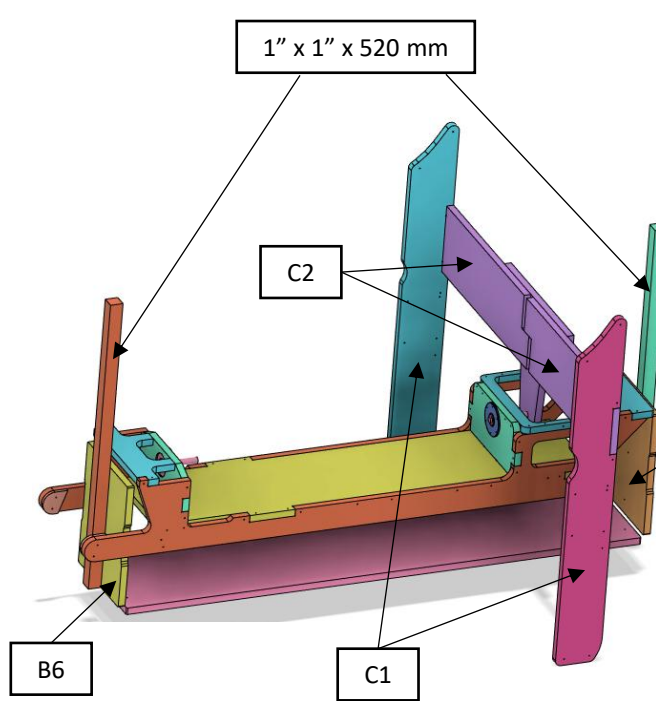
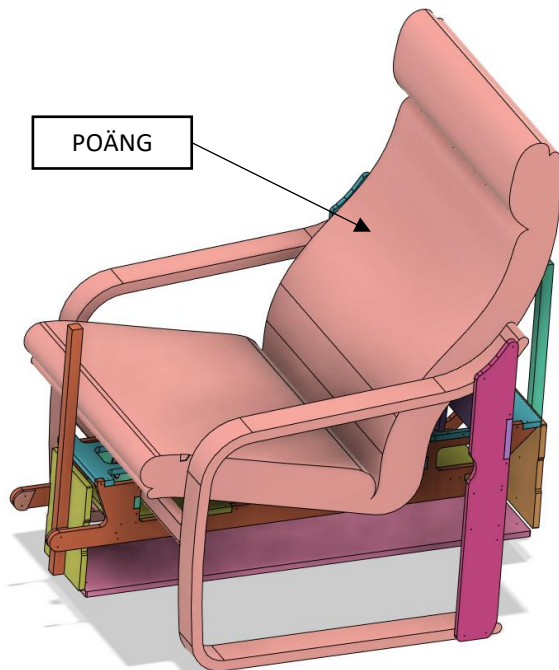
Note, pause at level 56(?) to insert roll bearing





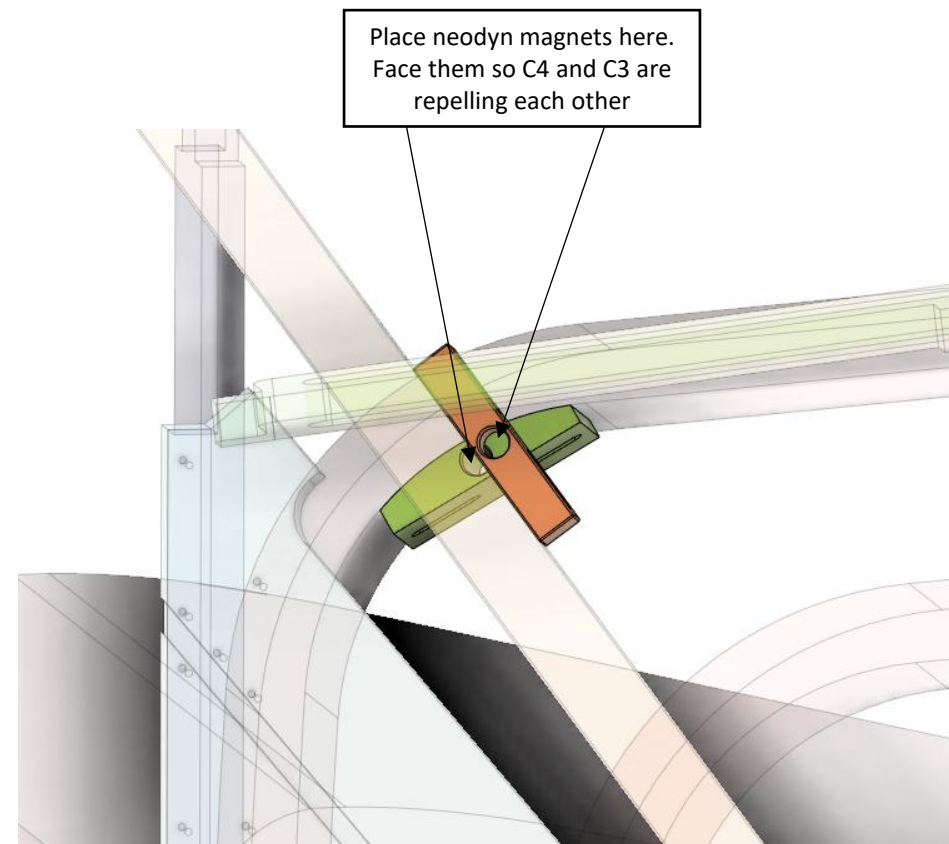
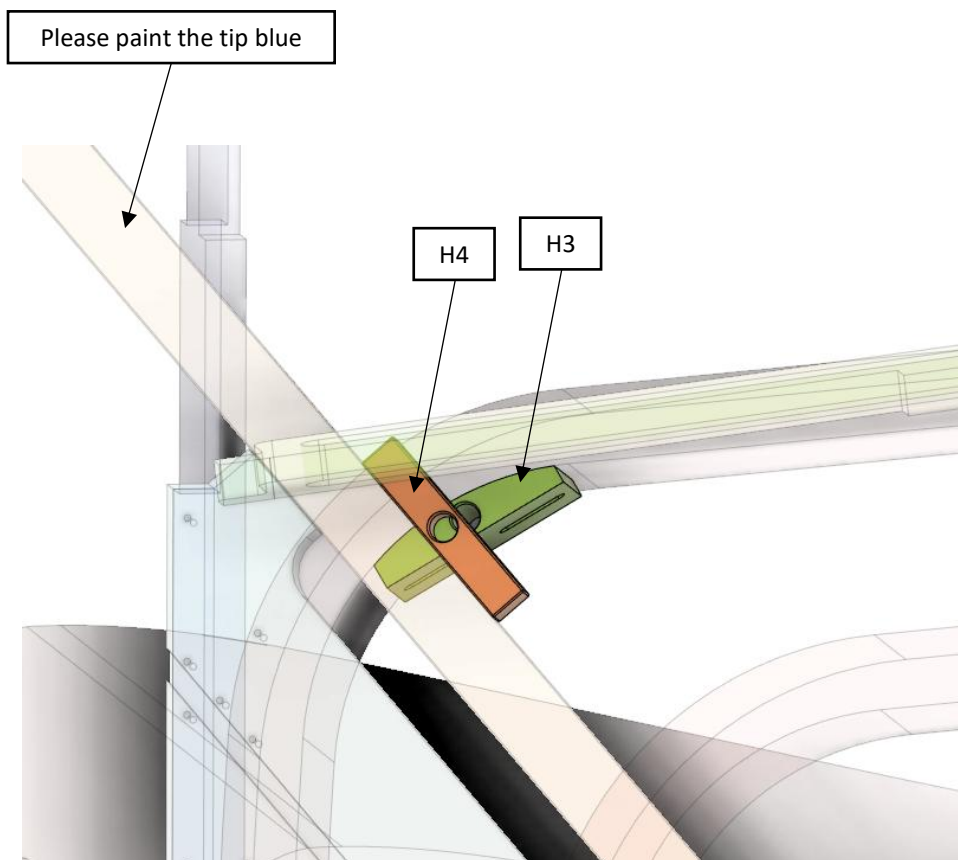
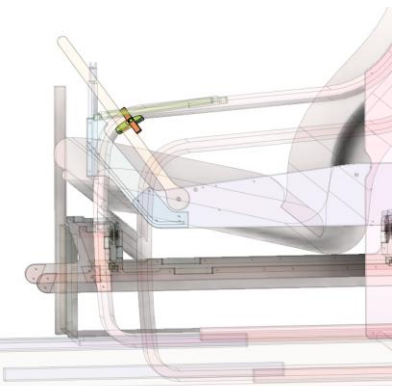




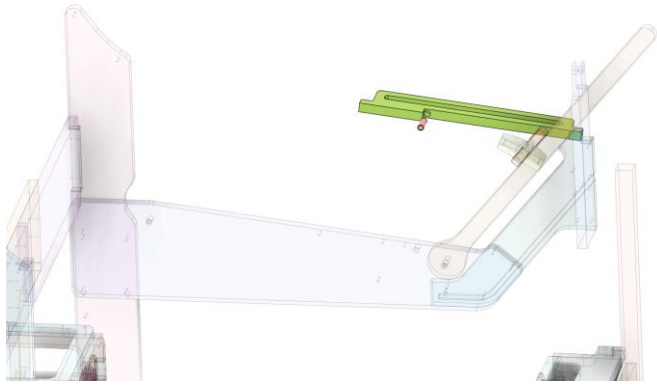




This is to simulate the air brake lever lock.

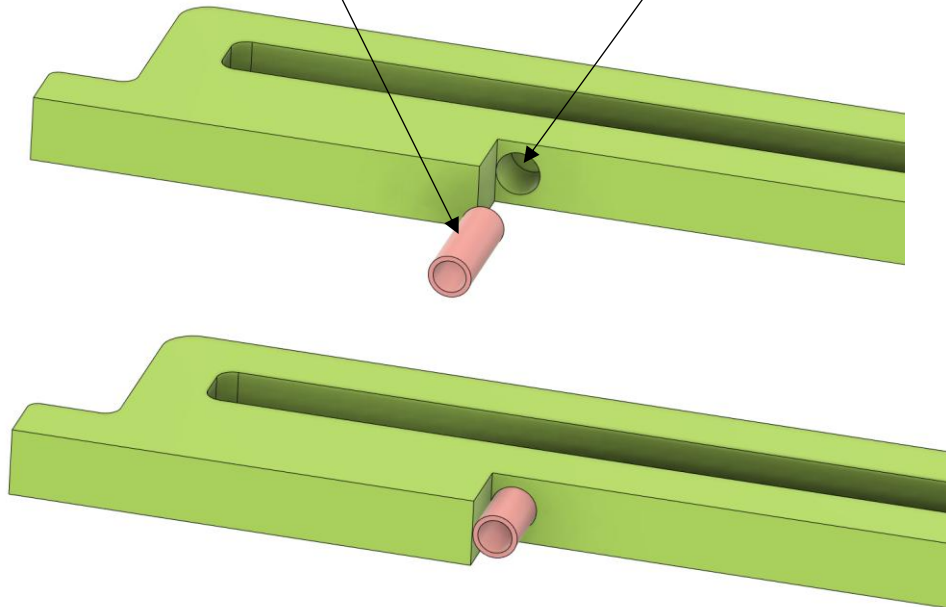


# Simulating wheel brake

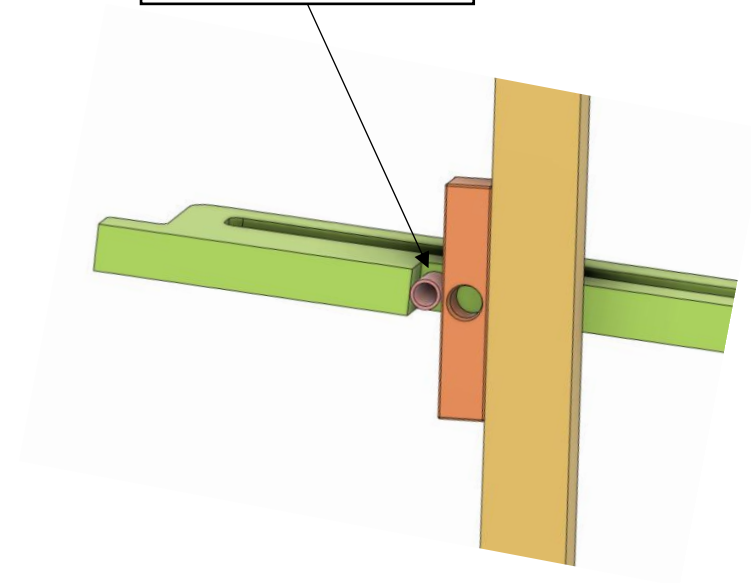


8mm PVC tube

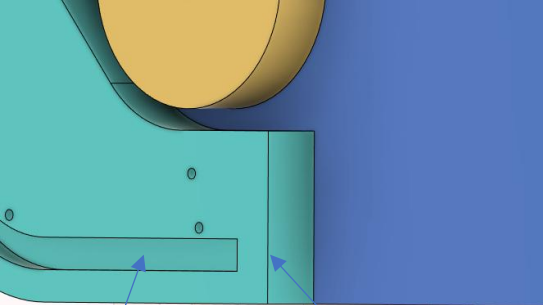
Drill a hole 8mm diameter



When deploying full  
airbrake, the PVC-tube will  
be compressed and  
simulating the wheel brake

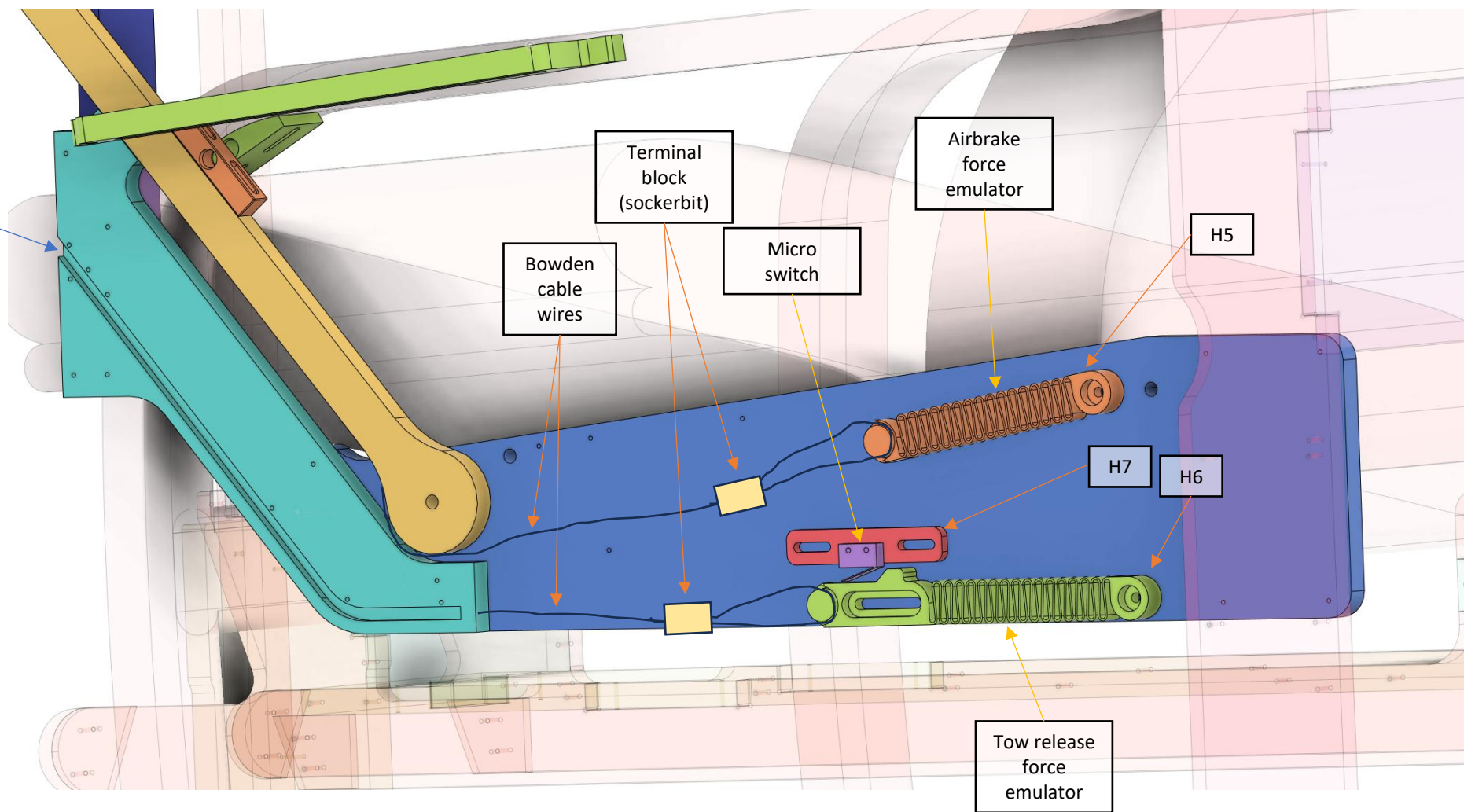






Bowden cable for tow release here

Drill 1,5 mm hole at centre of Bowden cable



Terminal block (socketbit)

Bowden cable wires

Micro switch

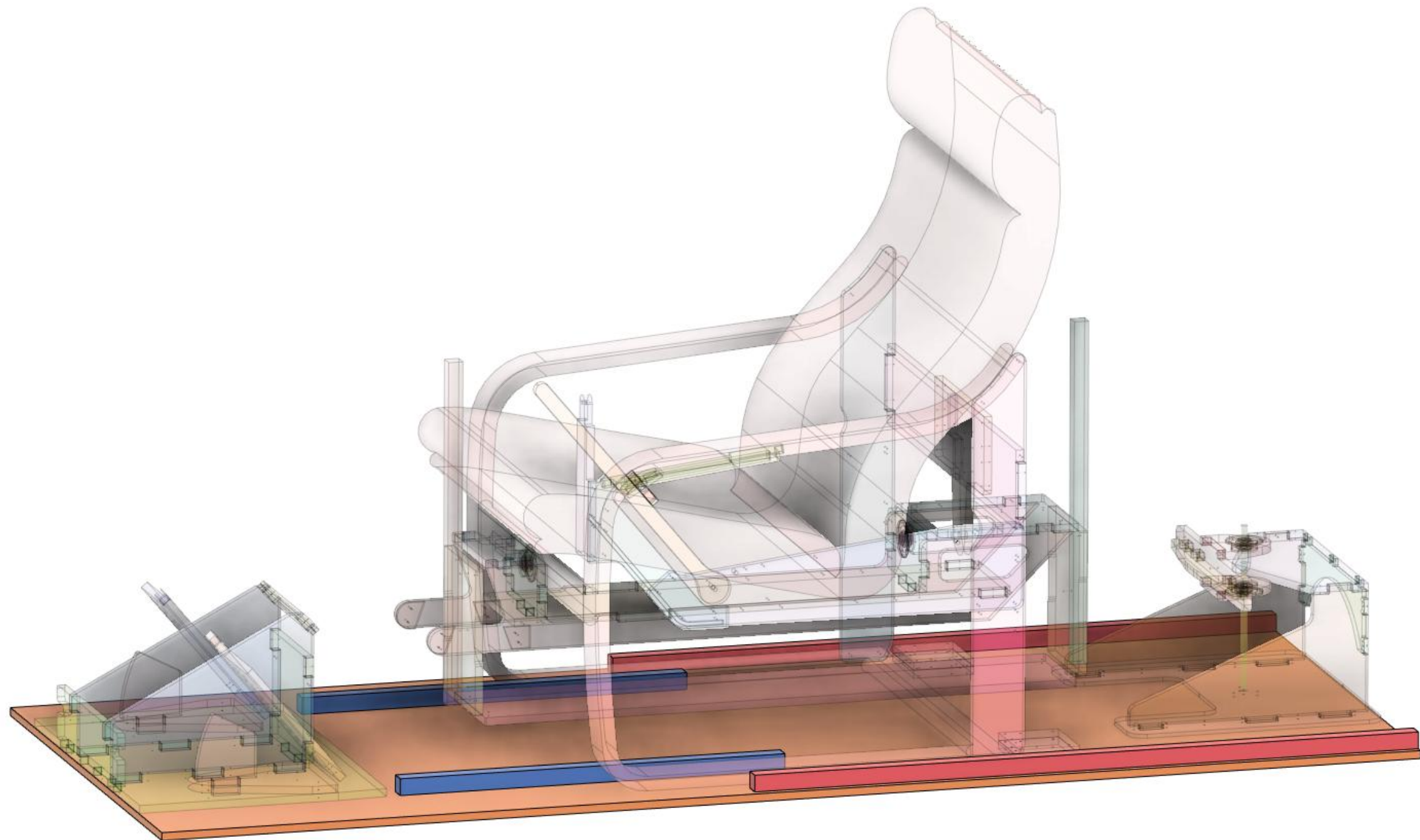
Airbrake force emulator

H5

H7

H6

Tow release force emulator



A 3D perspective rendering of a custom-built experimental setup for measuring the Hall effect. The setup is mounted on a light brown base plate. On the left, there is a green rectangular sample with four small black rectangular contacts. To the right of the sample are two blue rectangular magnetic poles. Further right are two red rectangular magnetic poles. A yellow probe is positioned vertically between the red poles, with its tip touching the sample. The probe is connected to a yellow wire that runs along the top edge of the setup. The entire setup is designed to measure the Hall voltage across the sample while applying a magnetic field.

