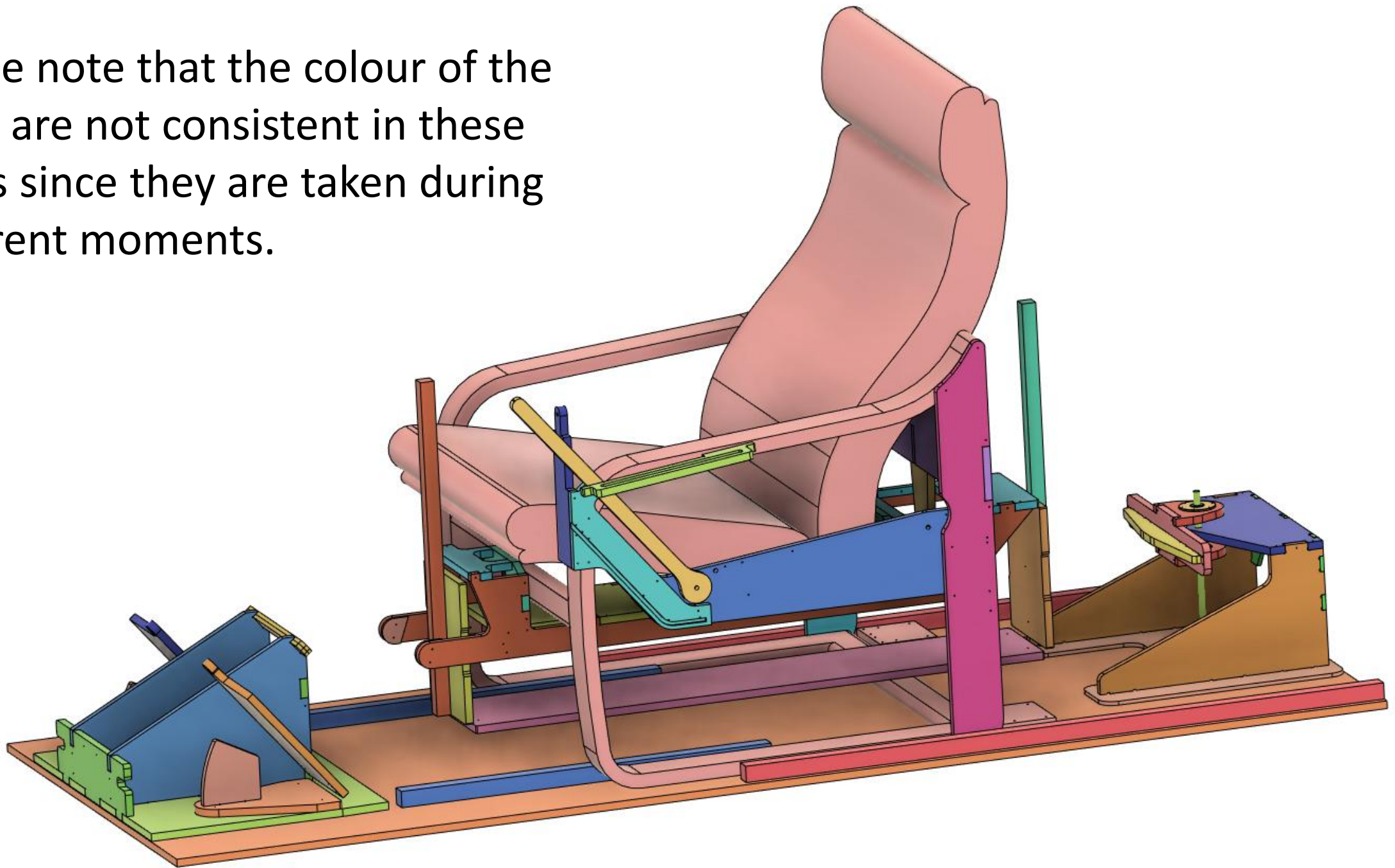



























Please note that the colour of the parts are not consistent in these slides since they are taken during different moments.



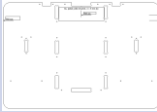
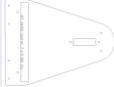




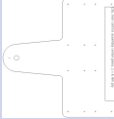
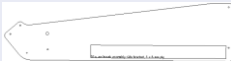


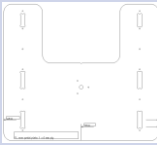

12 mm

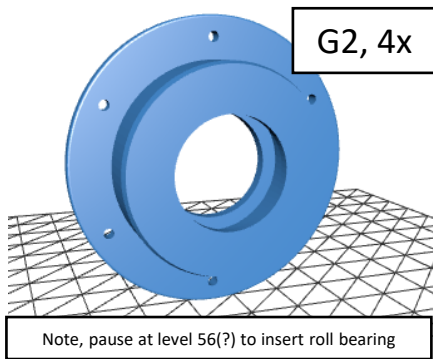
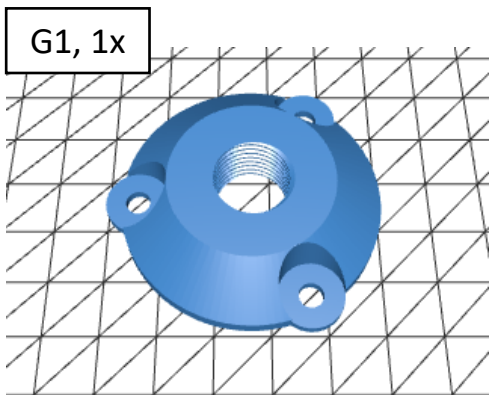
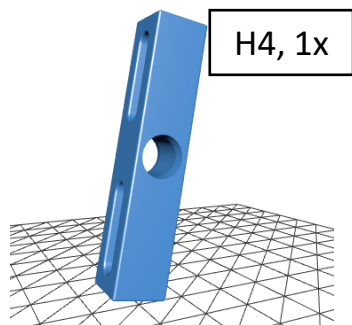
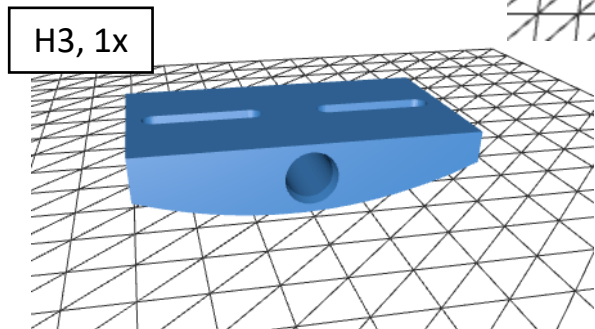
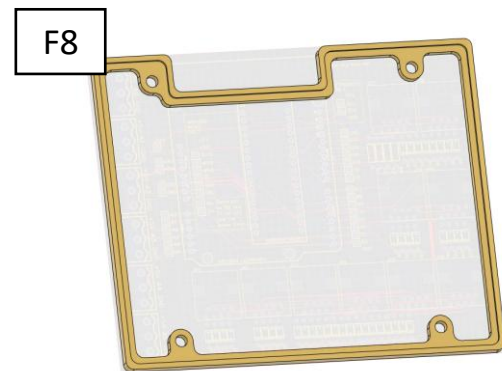
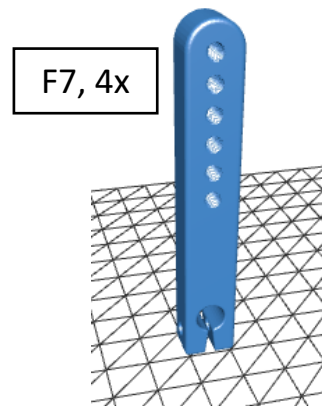
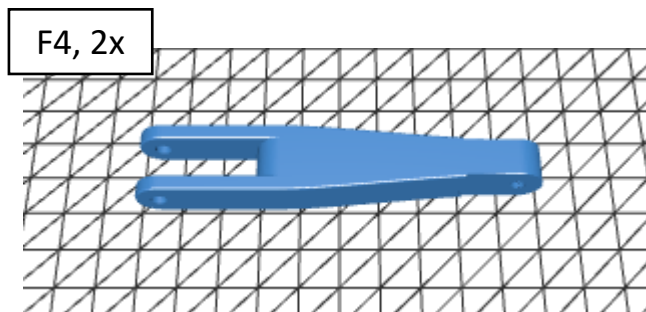
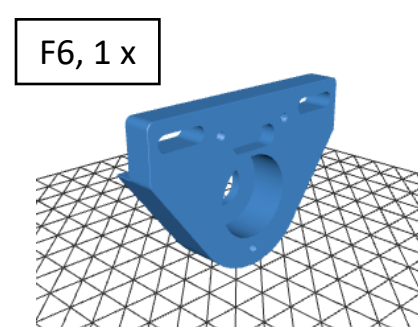
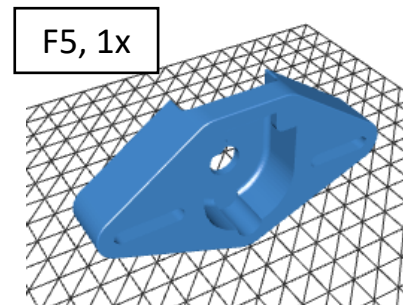
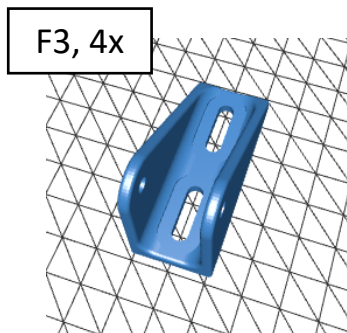
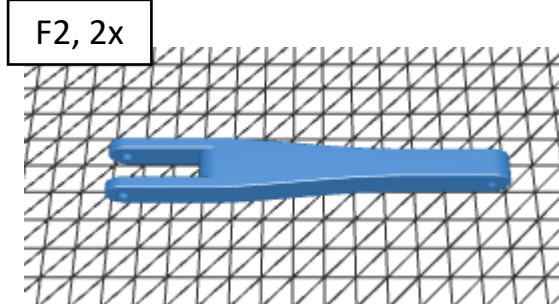
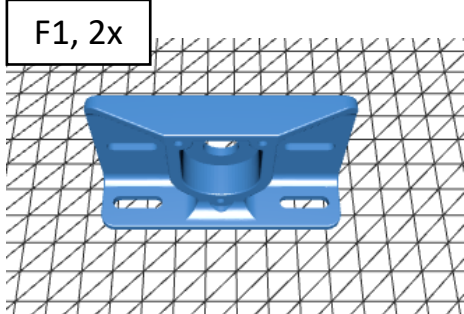
Name	Count	
A3	2	
A4	2	
A5	1	
A6	1	
A9a	2	
B1	2	
B2	1	
B3	2	
B4	1	
B5	1	
B6a	2	
B7	1	
C1a	2	
C2a	2	
D4	1	

12 mm

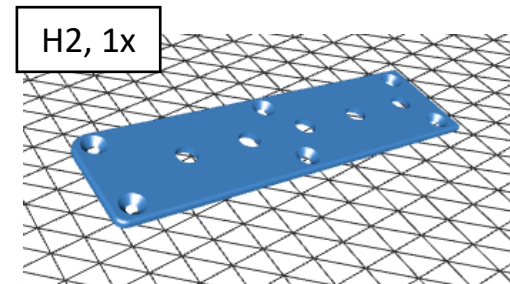
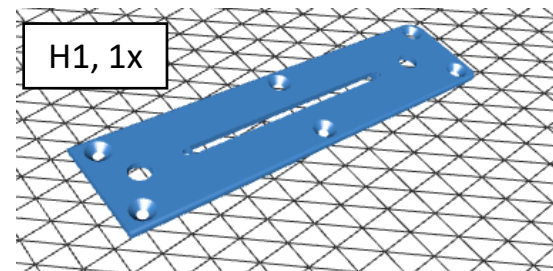
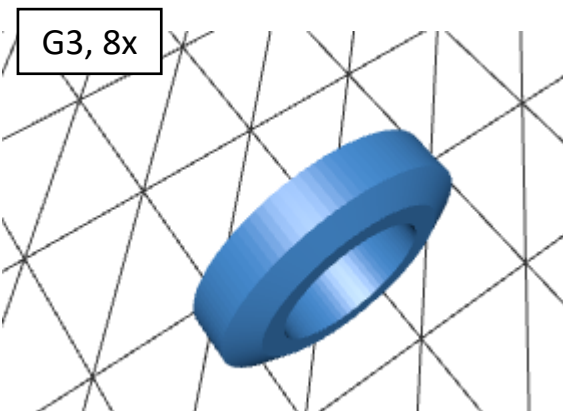
Name	Count	
D5	1	
D6	1	
E2	2	
E3	1	
E4	1	
E6	2	
E7	1	
E8	4	
E9	2	
B10	1	

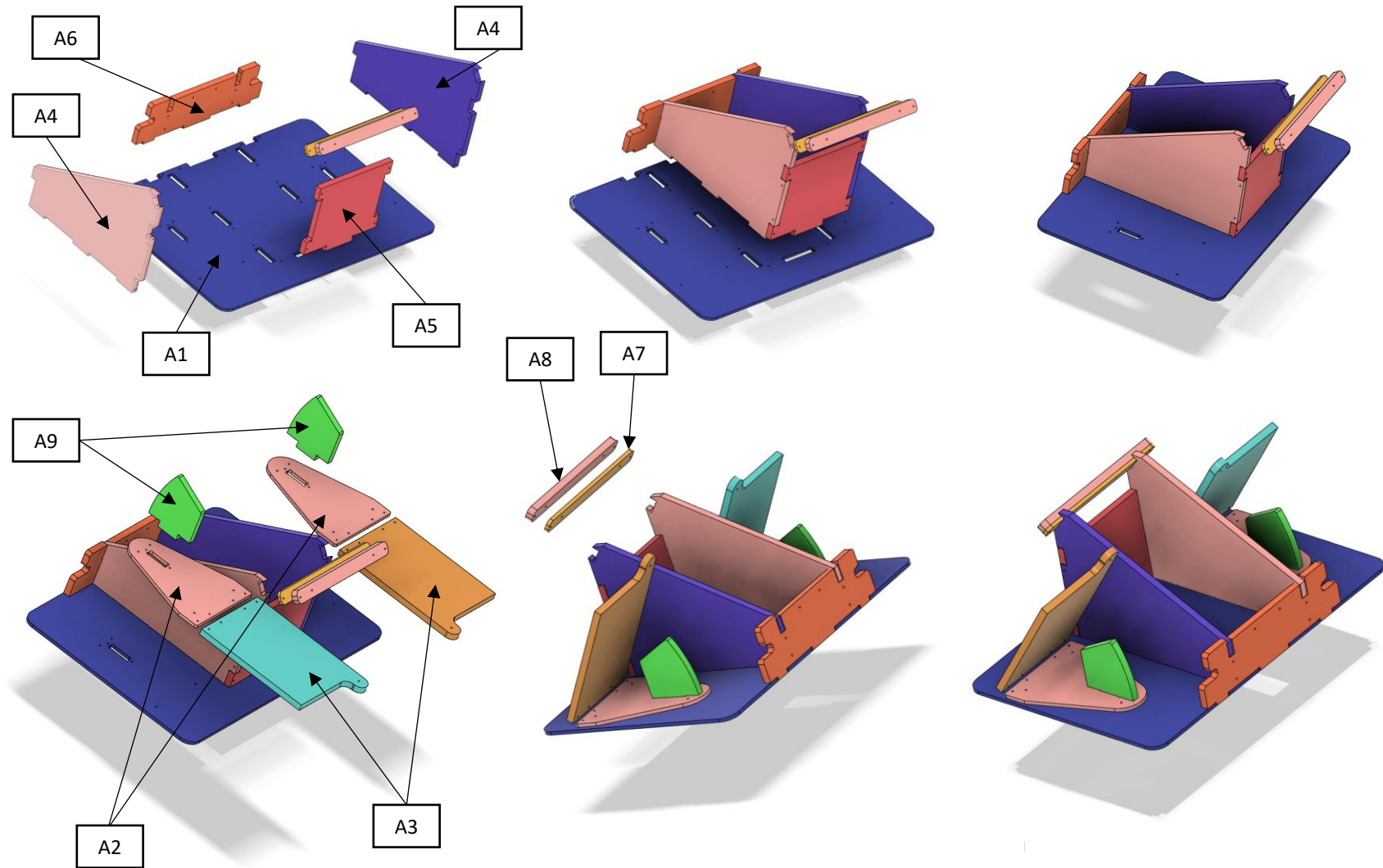
6 mm

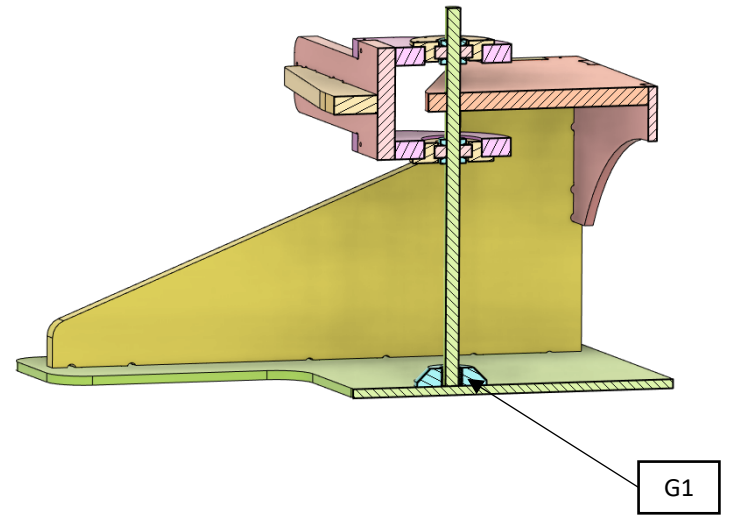
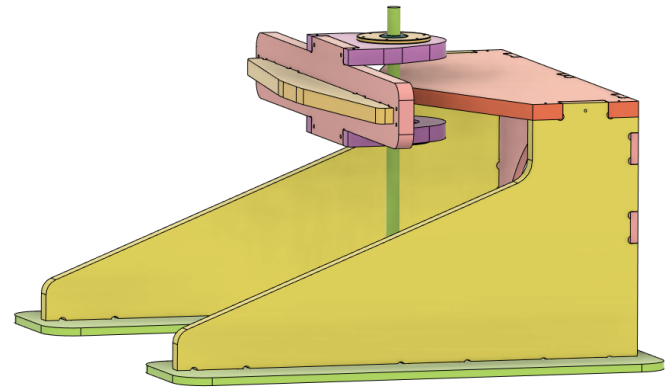
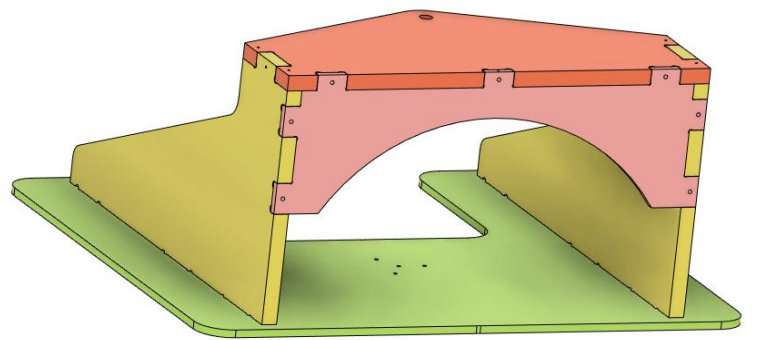
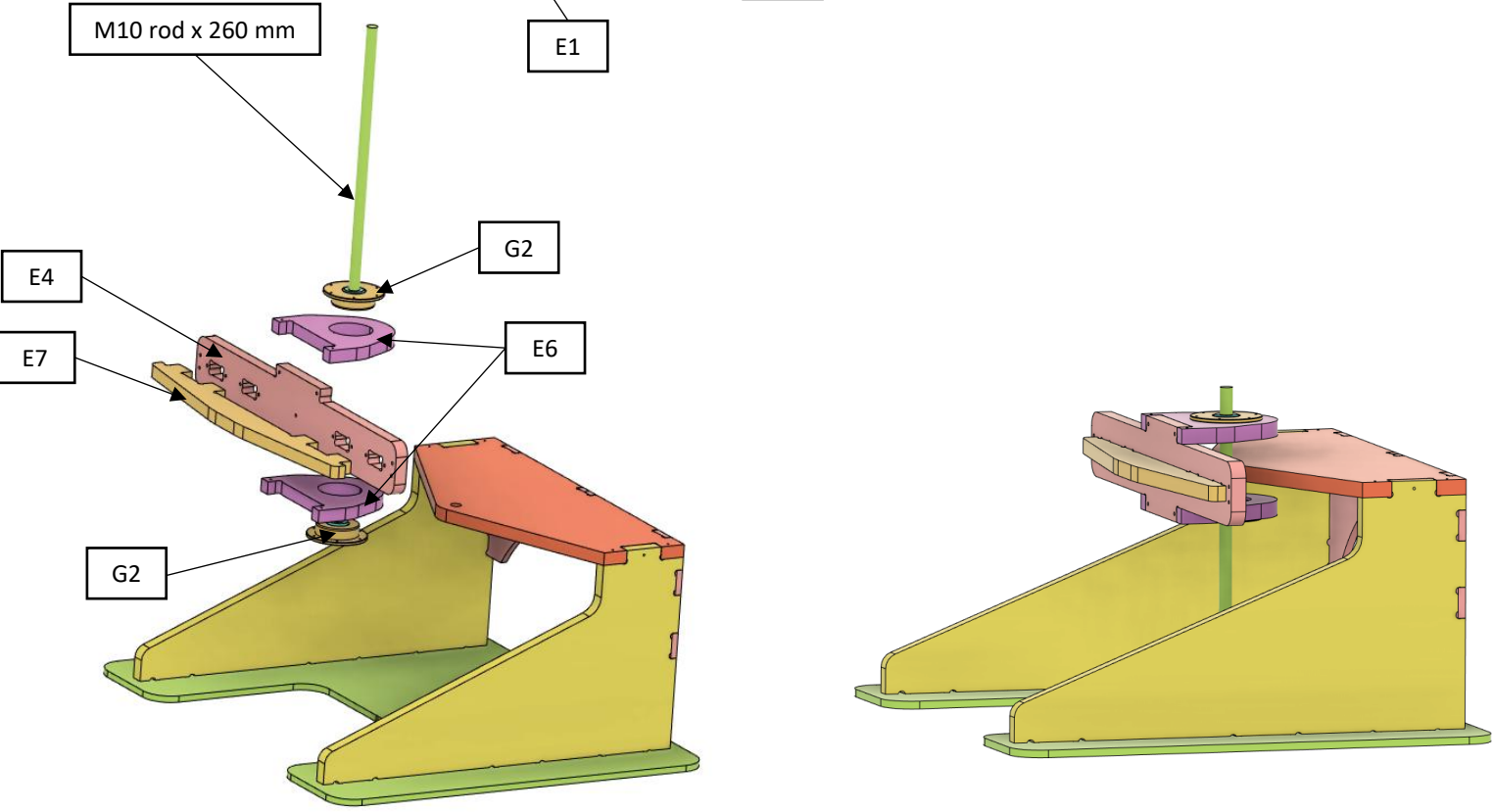
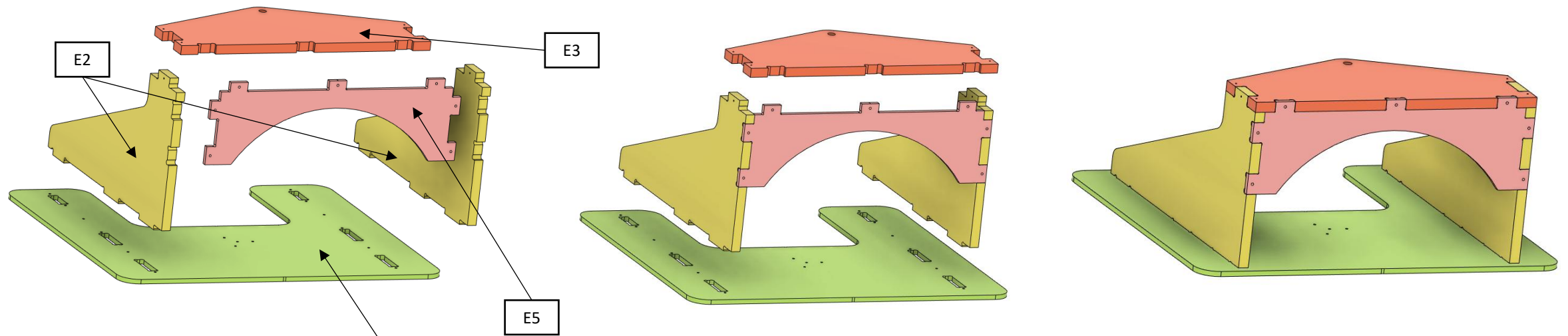
Name	Count	
A2	1	
A2	2	
A7	1	
A8	1	
B8	2	
B9	2	
C3a	1	
D1a	1	
D2	1	
D3	1	
E1	1	
E5	1	

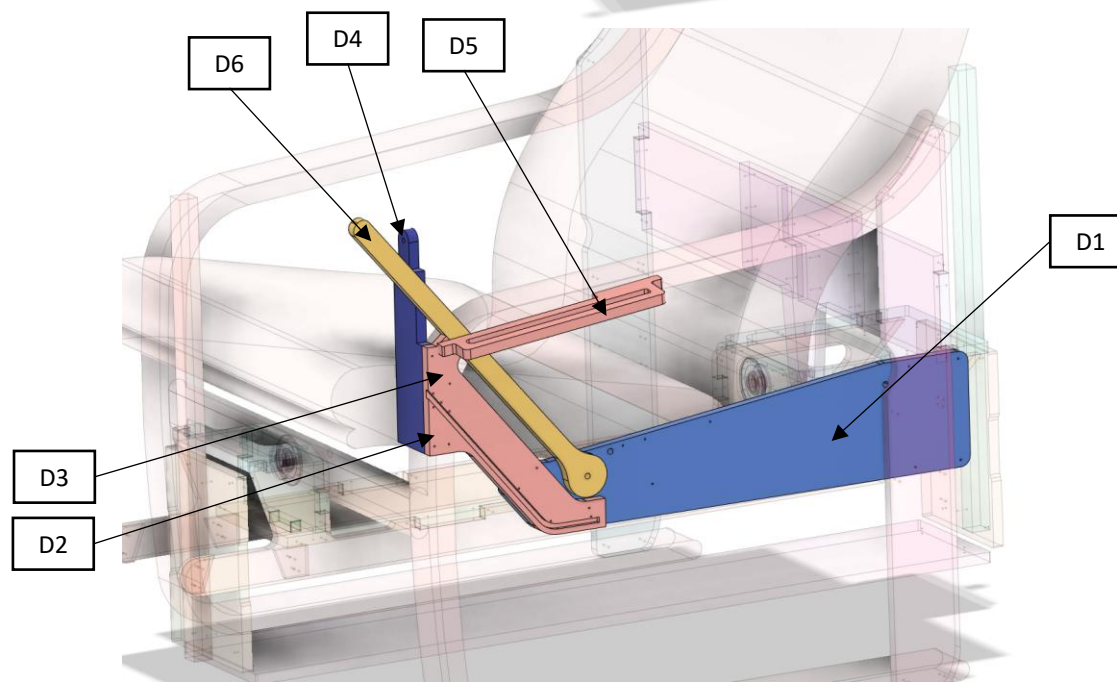
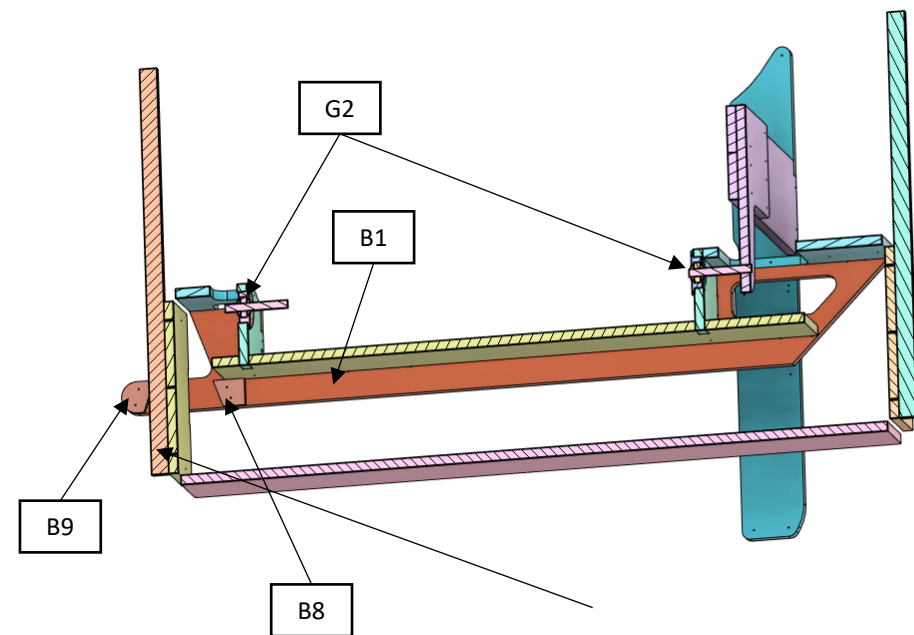
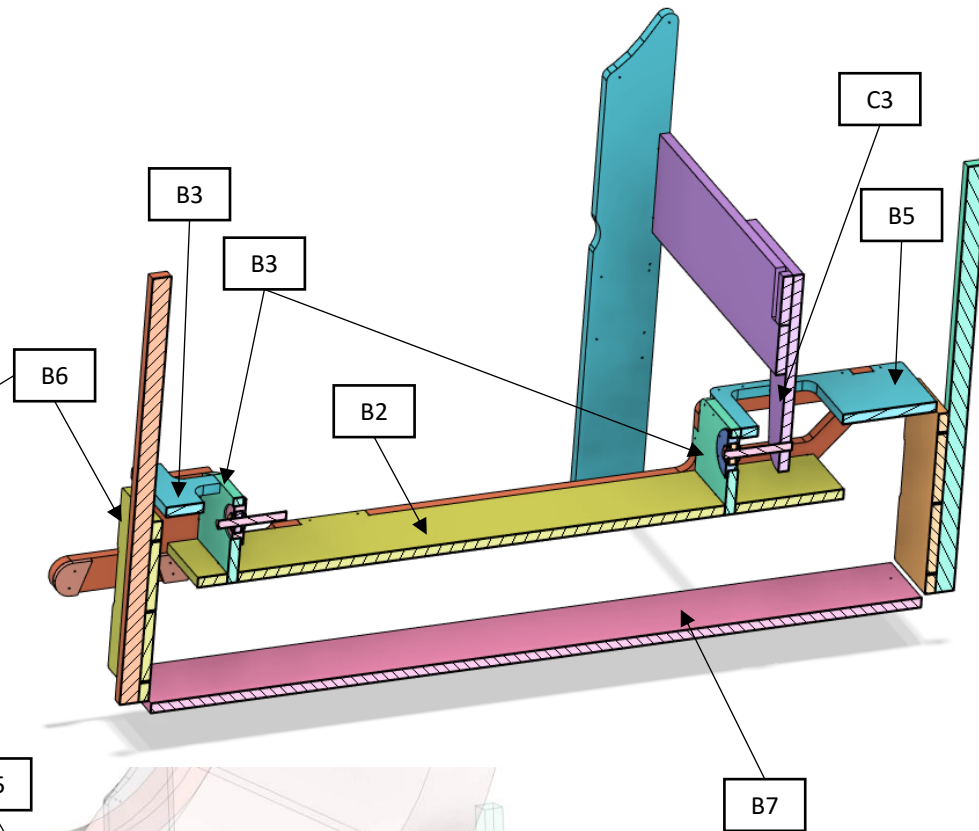
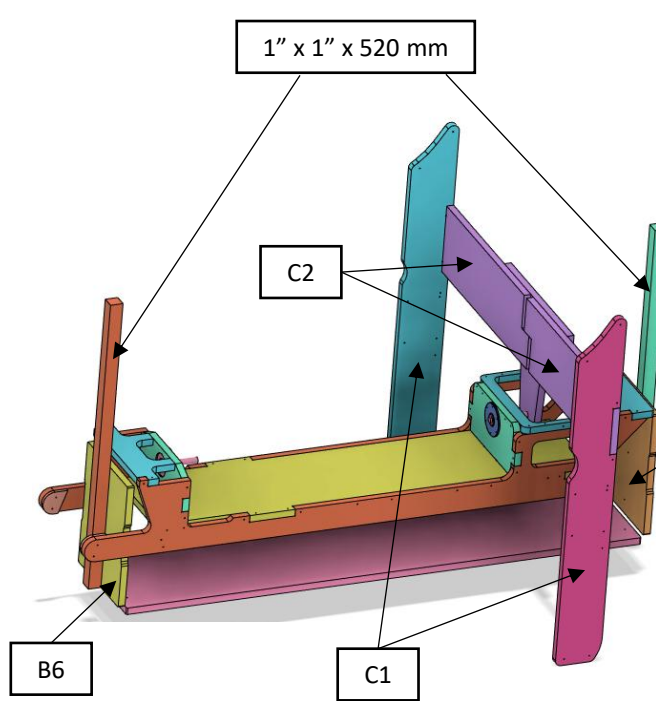
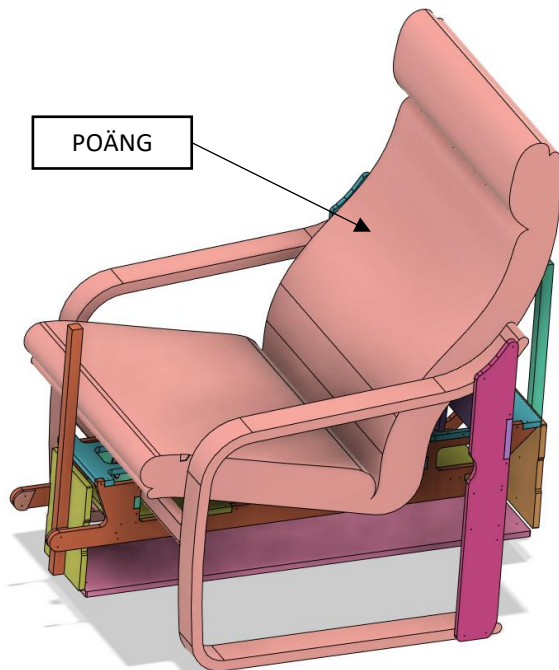


Note, pause at level 56(?) to insert roll bearing

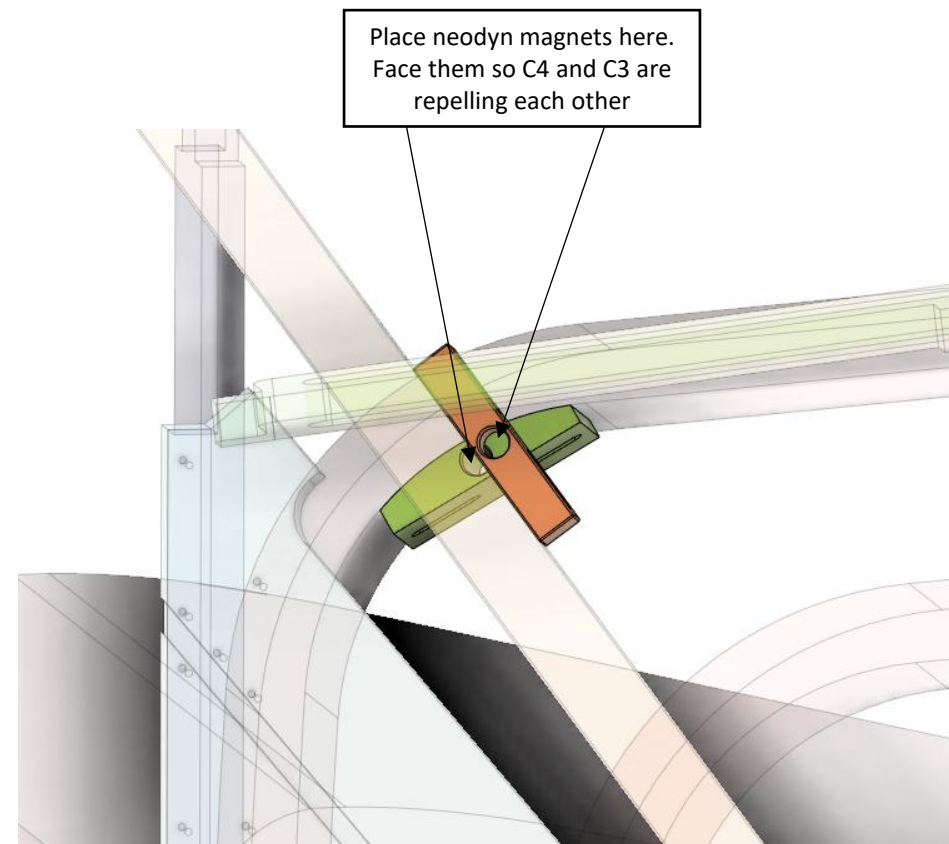
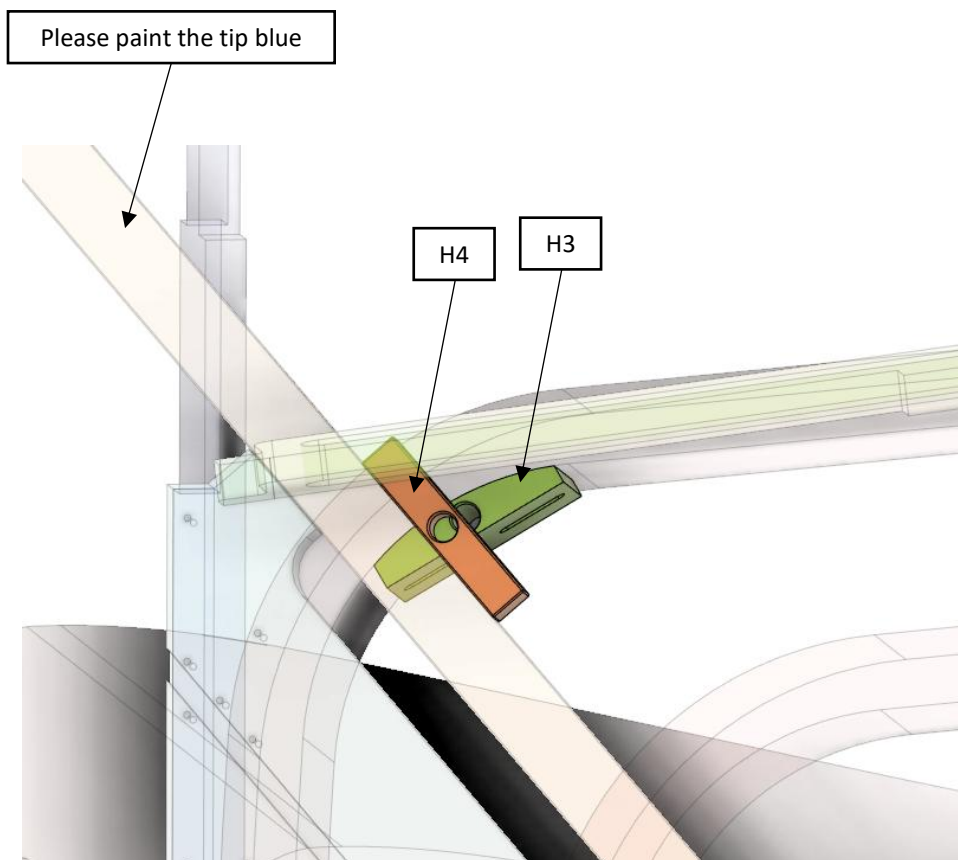
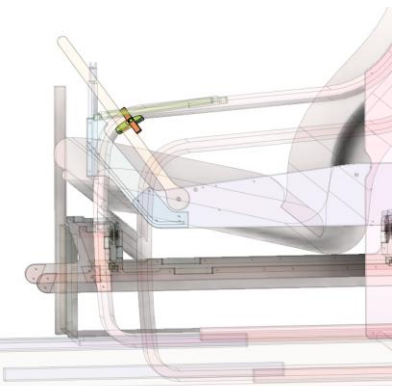




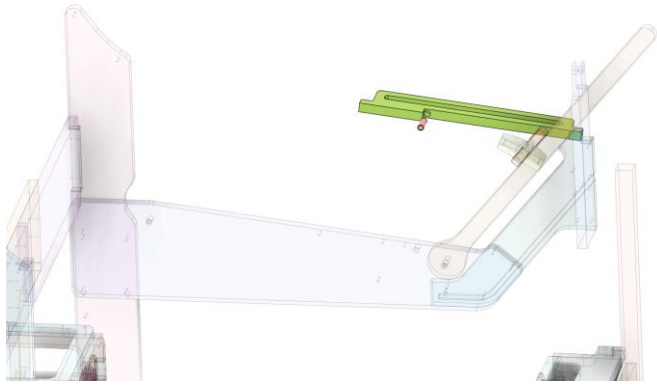




This is to simulate the air brake lever lock.

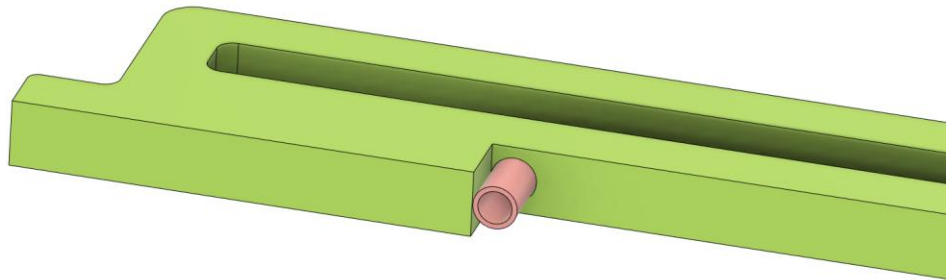
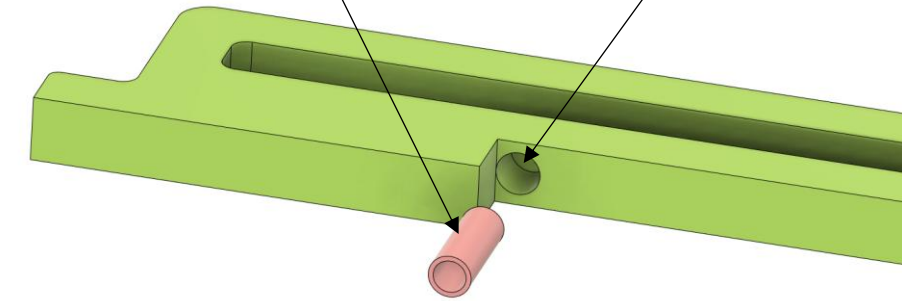


Simulating wheel brake

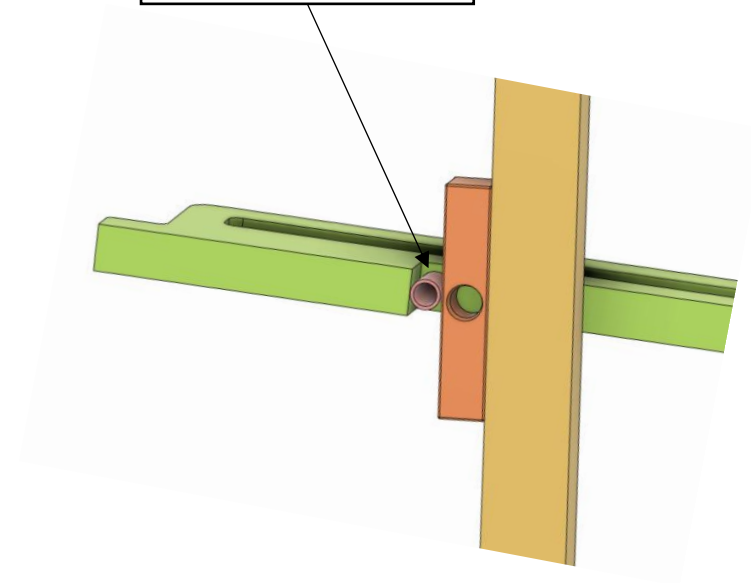


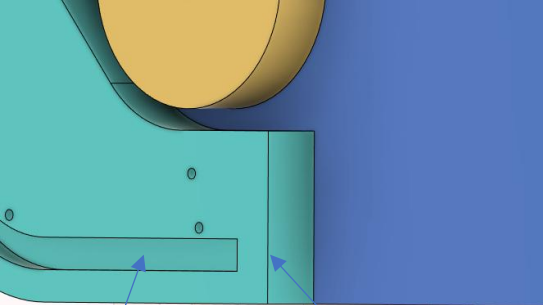
8mm PVC tube

Drill a hole 8mm diameter



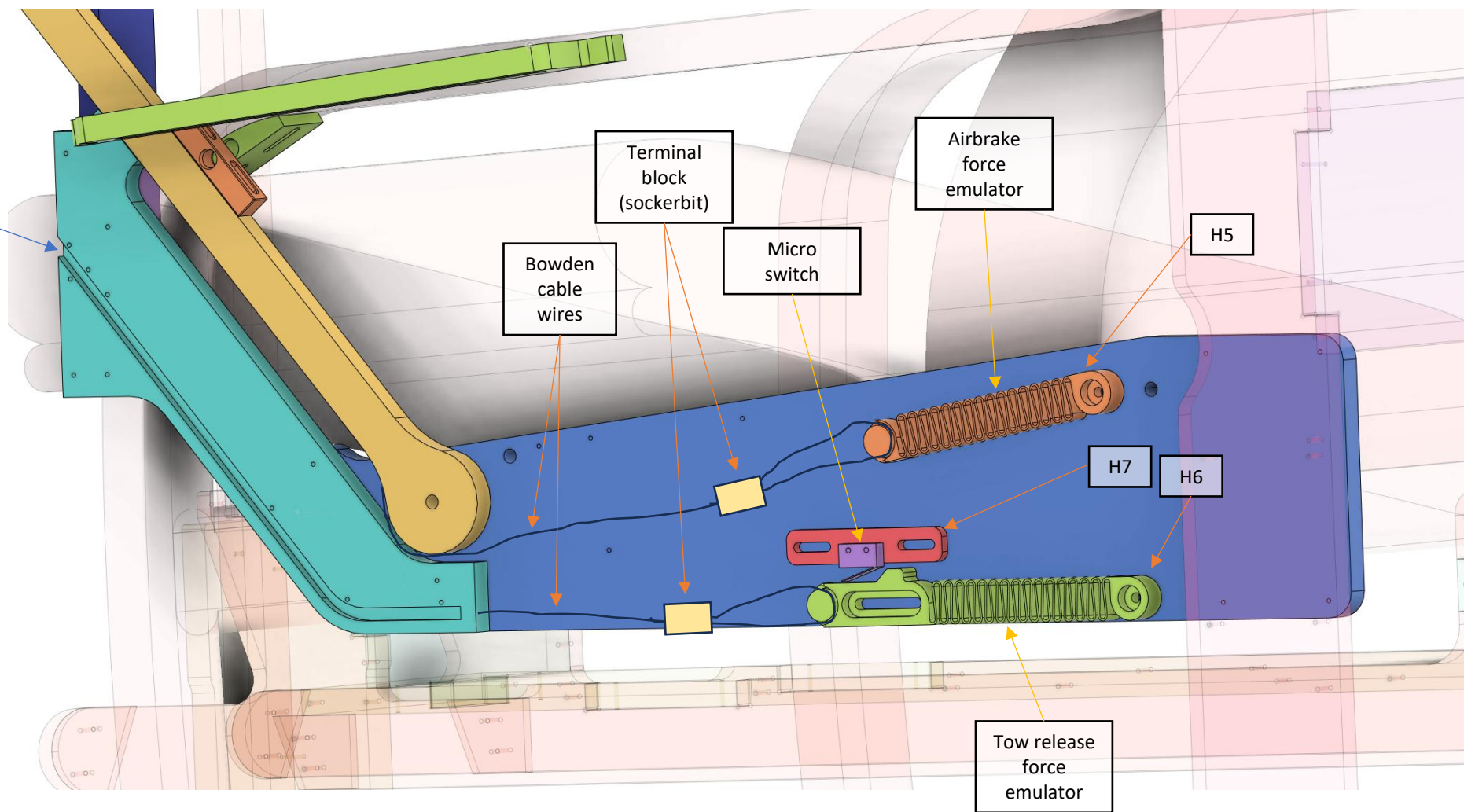
When deploying full
airbrake, the PVC-tube will
be compressed and
simulating the wheel brake





Bowden cable for tow release here

Drill 1,5 mm hole at centre of Bowden cable



Terminal block (socketbit)

Bowden cable wires

Micro switch

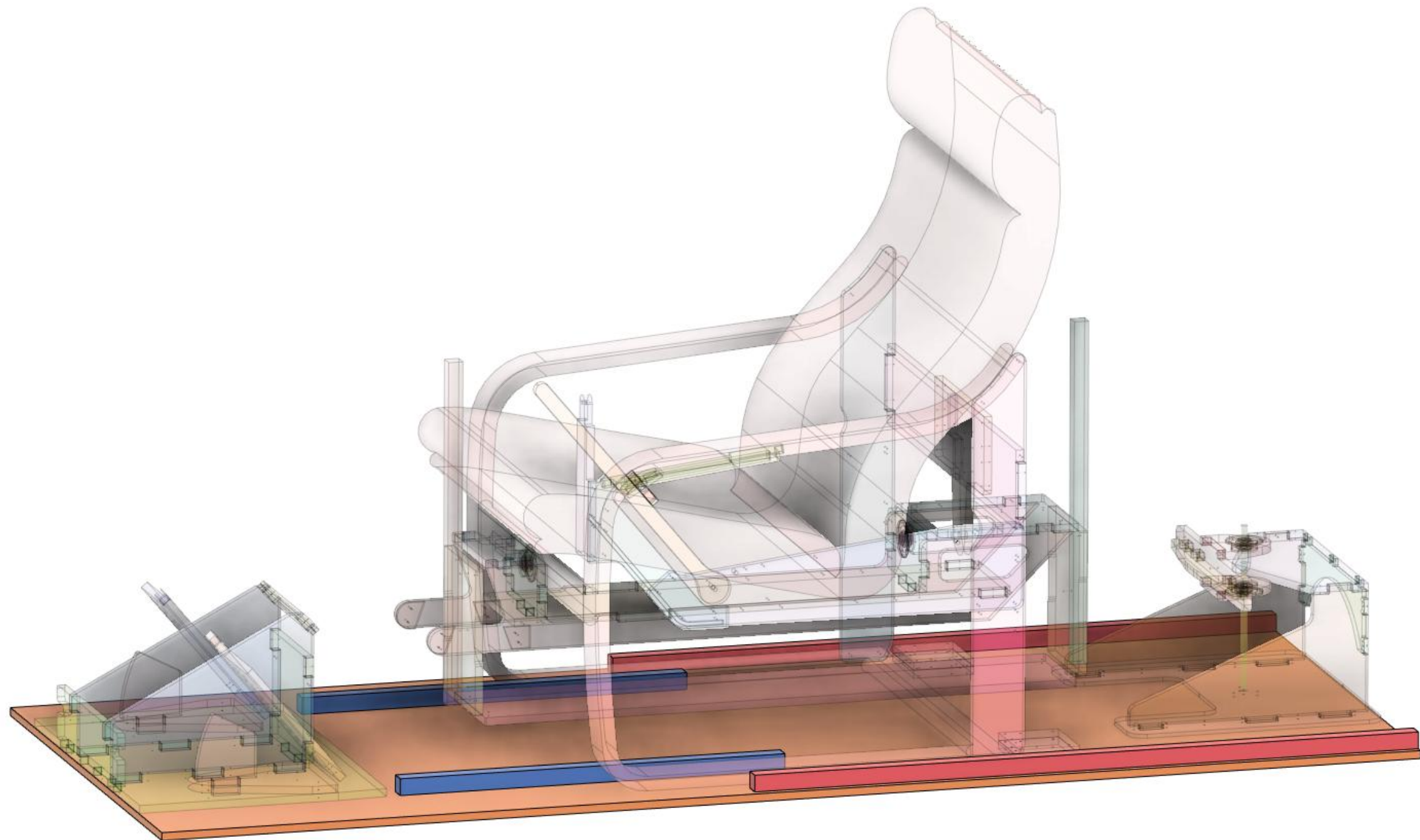
Airbrake force emulator

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-colored wooden base. On the left, there is a green square sample with four small black rectangular contacts. To its right are two blue rectangular magnetic poles. Further right are two red rectangular magnetic poles. A yellow probe is positioned vertically, touching the top and bottom red poles. On the right side, there is a white rectangular plate with two black rectangular contacts. The entire setup is designed to measure the Hall voltage across the green sample while applying a magnetic field and passing a current.

