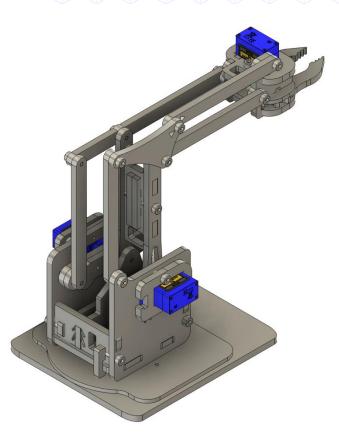


CYBEL BUSICAT ZASTEMS



DE Arm 25

Assembly Instructions

Dyson School of Design Engineering

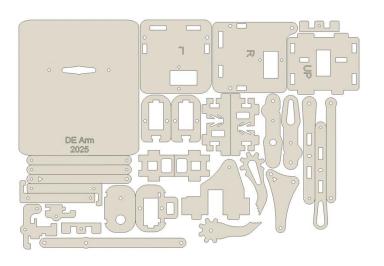
Important Notes:

- Joints should move freely, do not overtighten the screws.
 The arm should be like a marionette without the servo motors.
- Before assembly you have to test and calibrate your servo motors to the positions shown in page 5.
- Take it easy, parts should sit in place with little force, if you find yourself using excessive force, check the manual and orientation again.

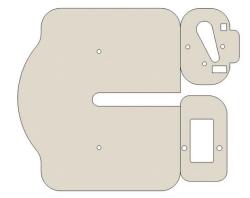


List of Parts

• 4mm Plywood Parts: 31 pcs



• 2.5mm MDF Parts: 3 pcs



List of Parts

- M3 x 6mm Screw: 2 pcs
- M3 x 8mm Screw: 10 pcs
- M3 x 12mm Screw: 13 pcs
- M3 x 20mm Screw: 2 pcs
- SG90 Servo Motor: 4 pcs

Stick-on Silicon Feet: 4 pcs

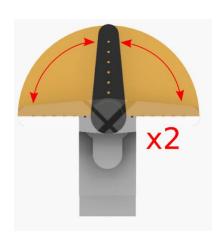


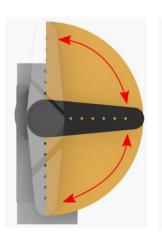


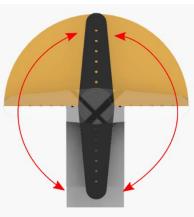


Servo Calibration

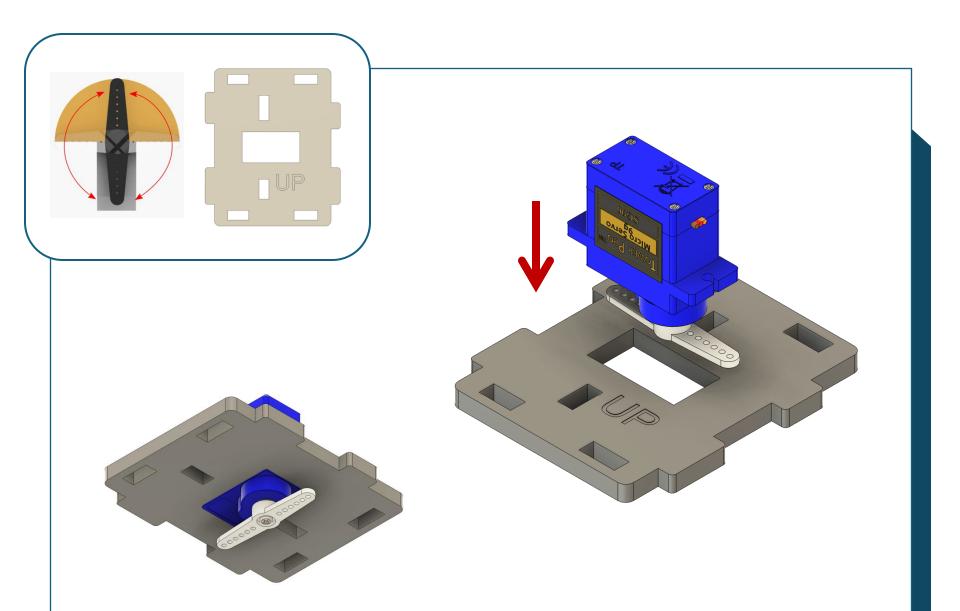
*You should have a total of 4 servos, calibrated as followed, They will be identified and used in the assembly.

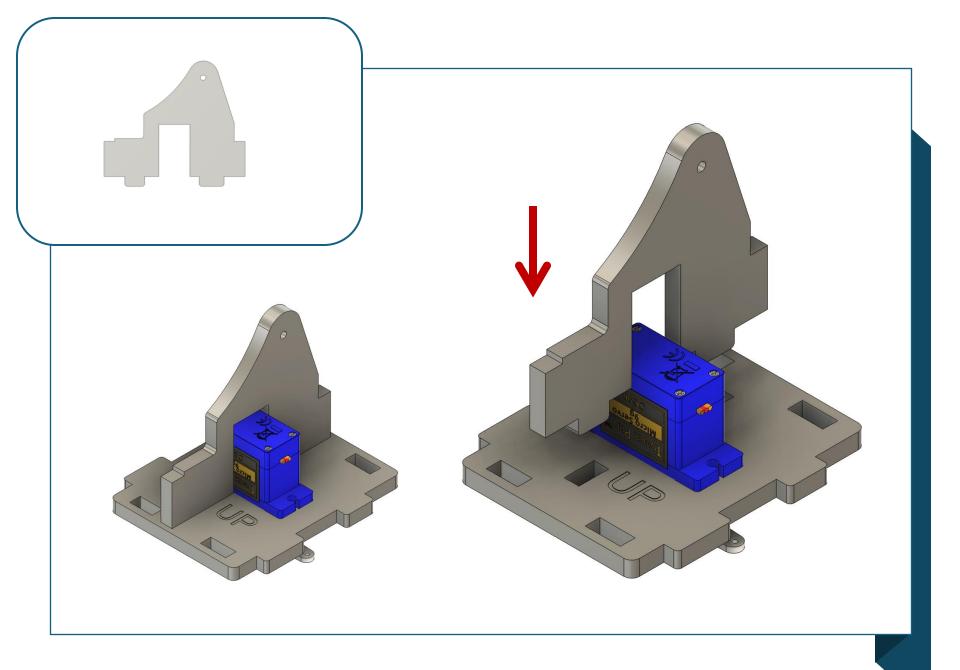




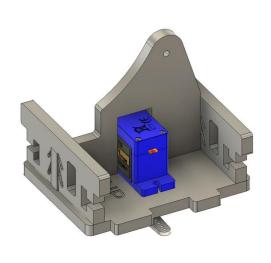


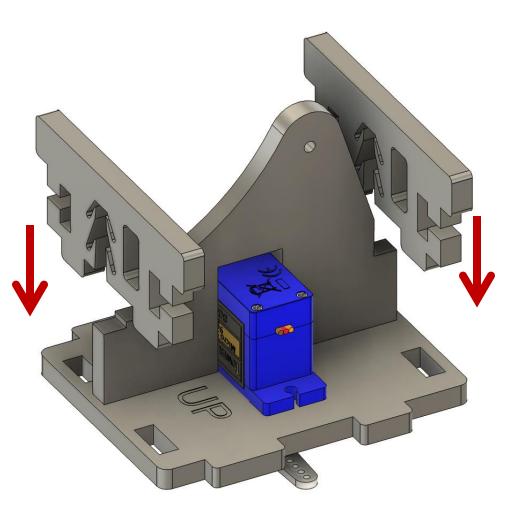


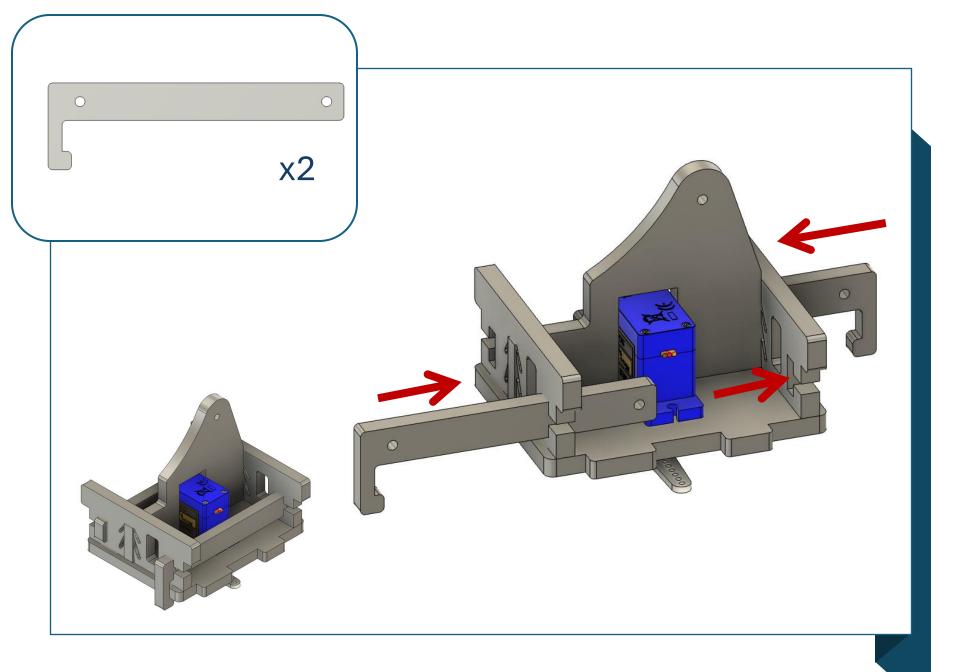




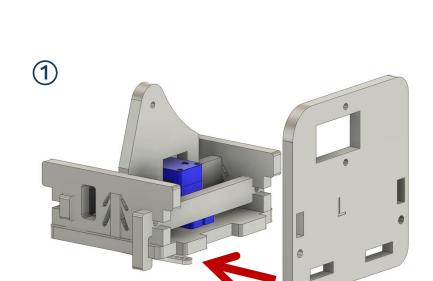
x2

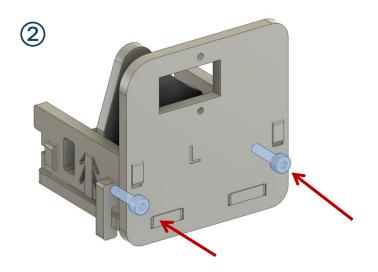




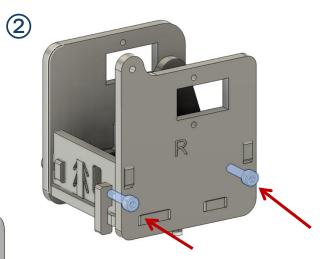


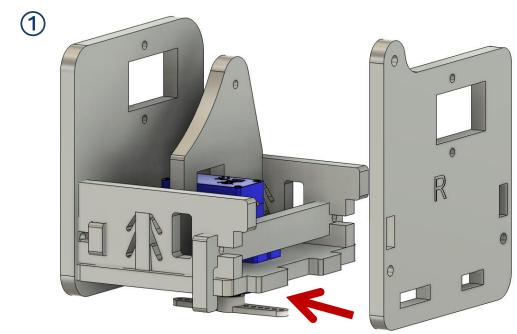


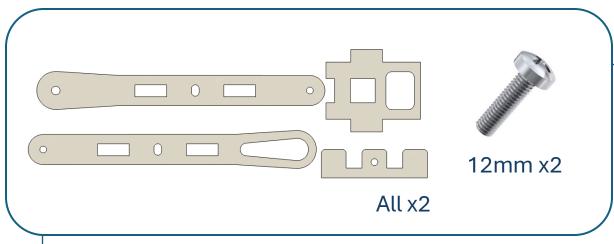


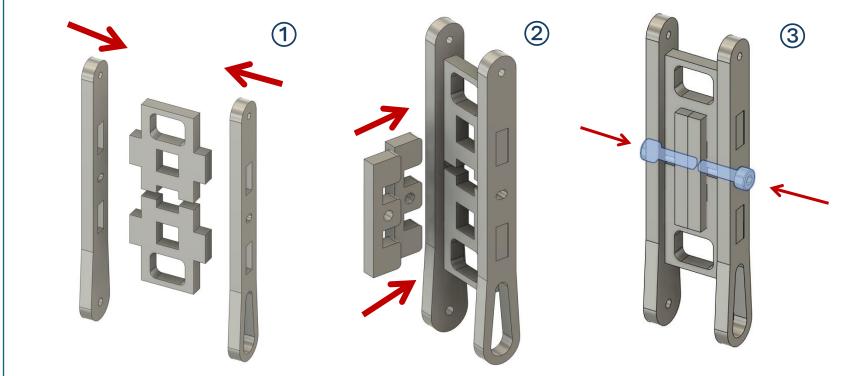


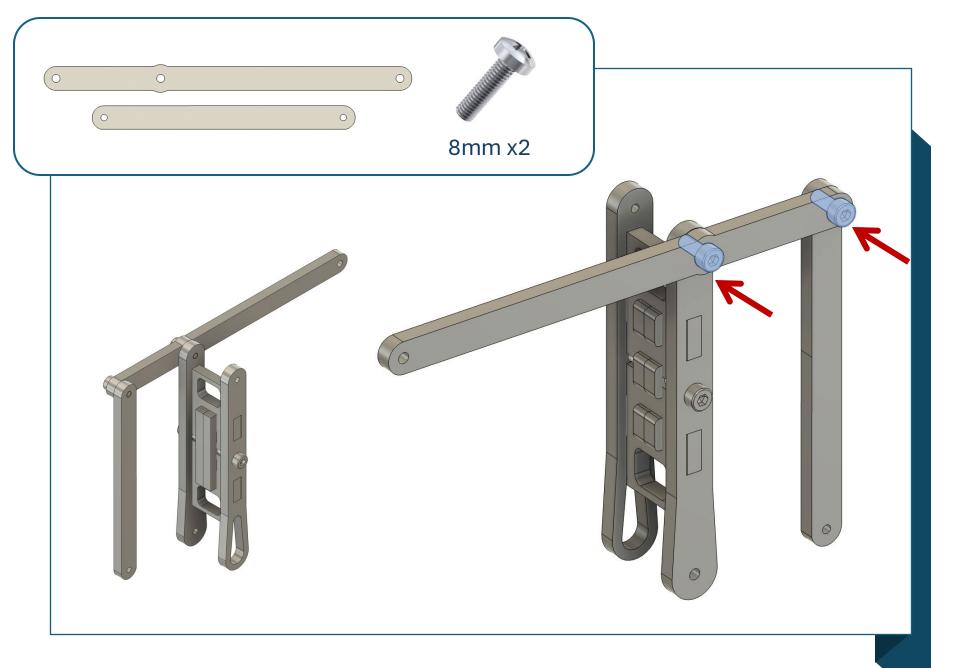


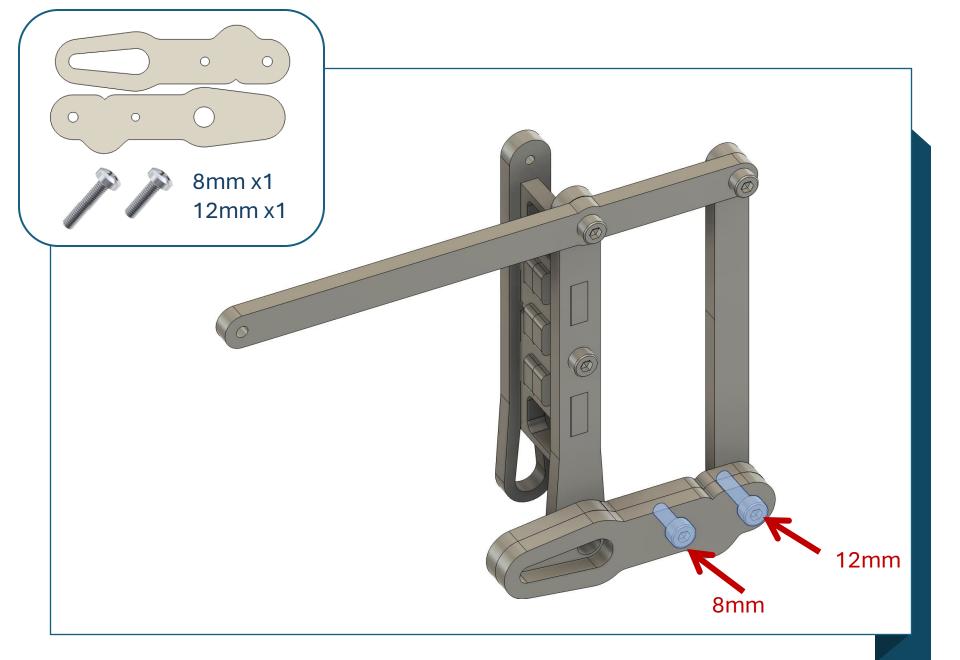


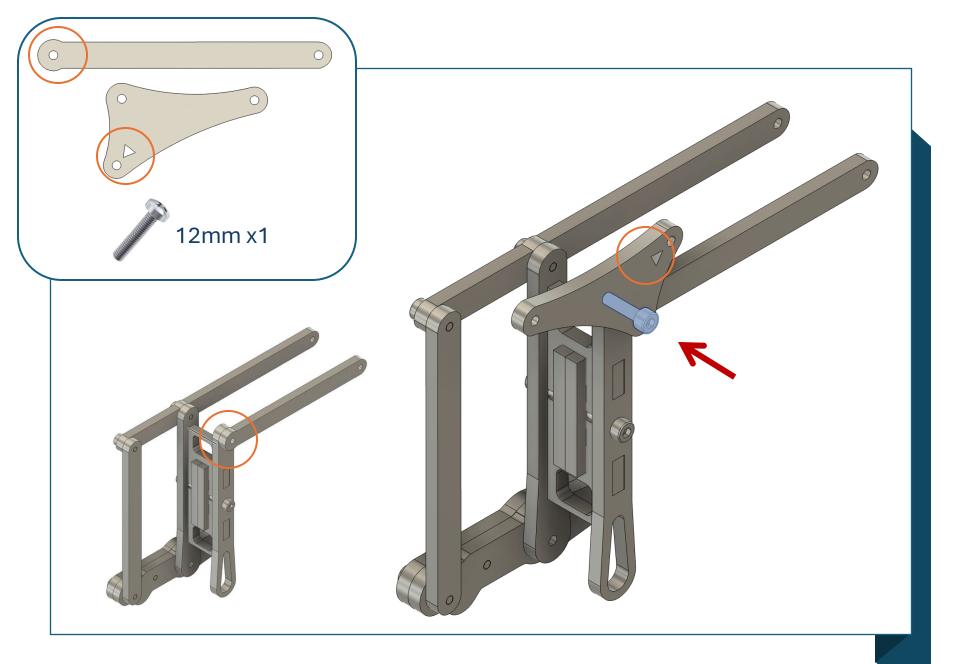


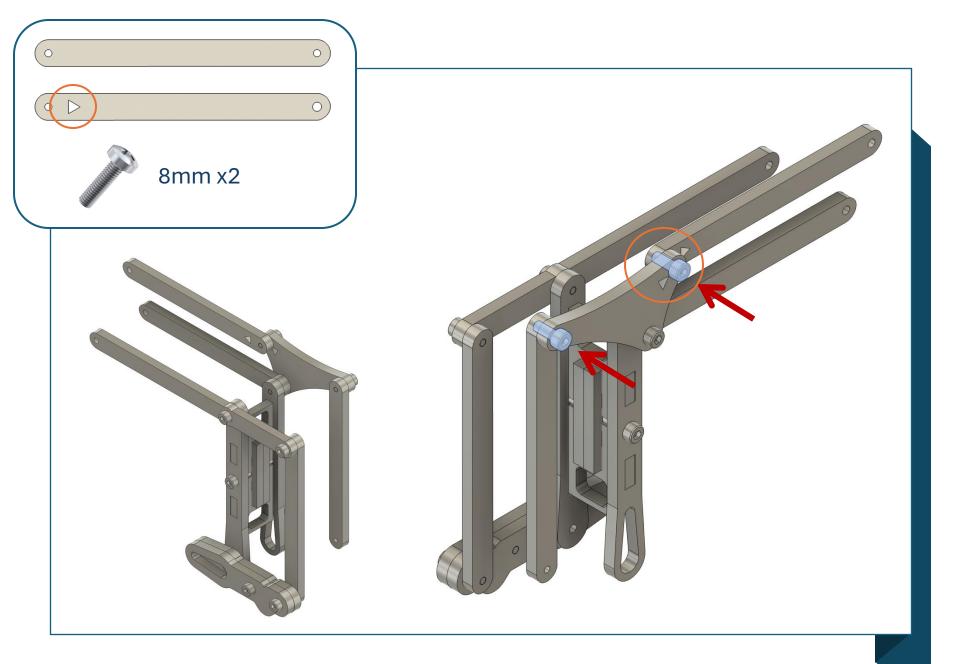




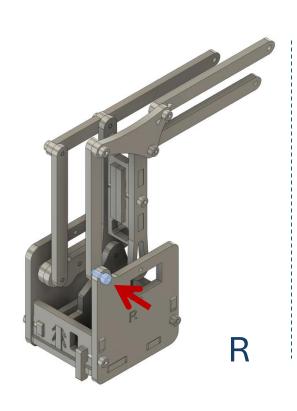


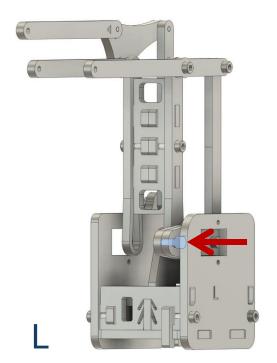




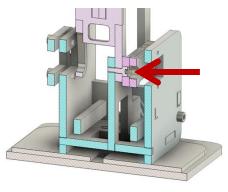


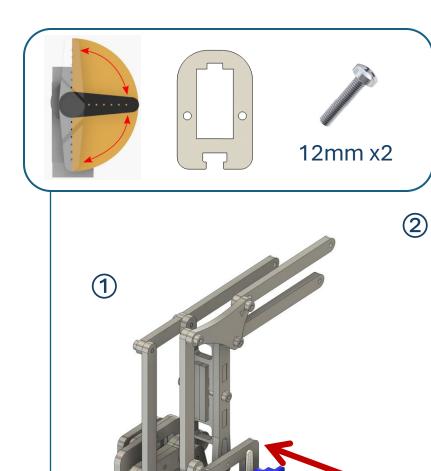


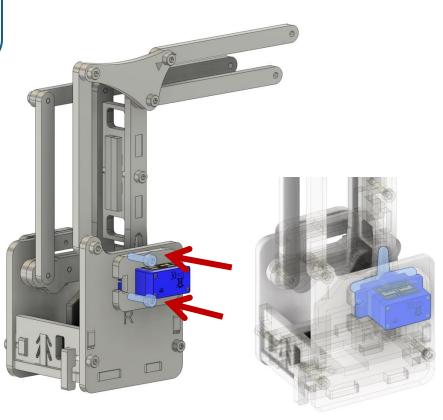


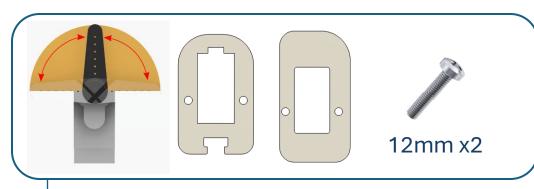




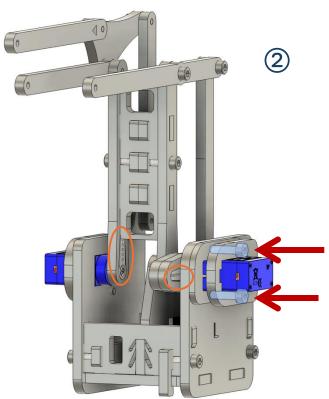


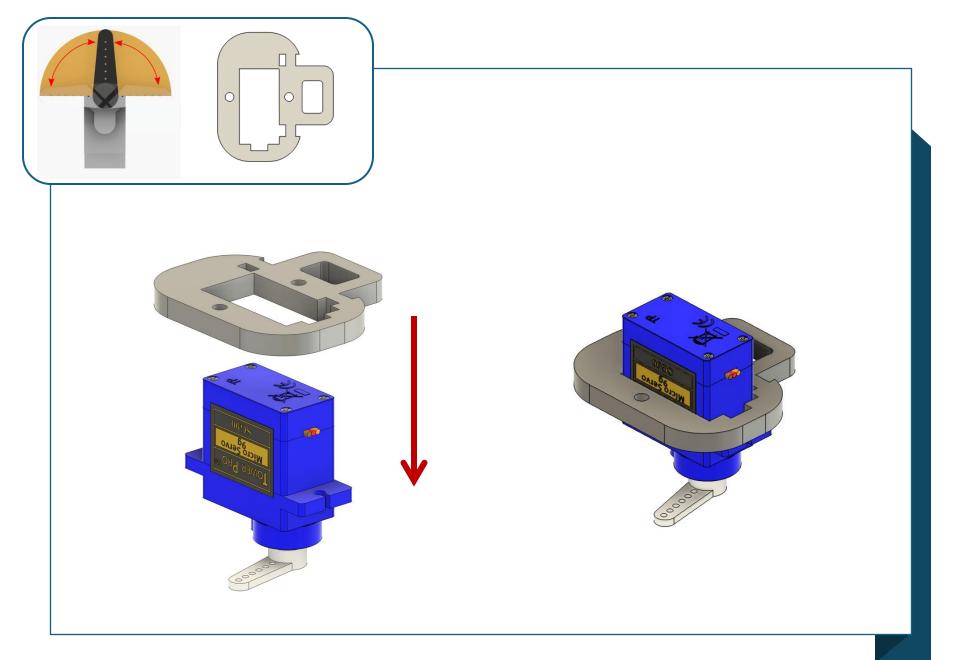


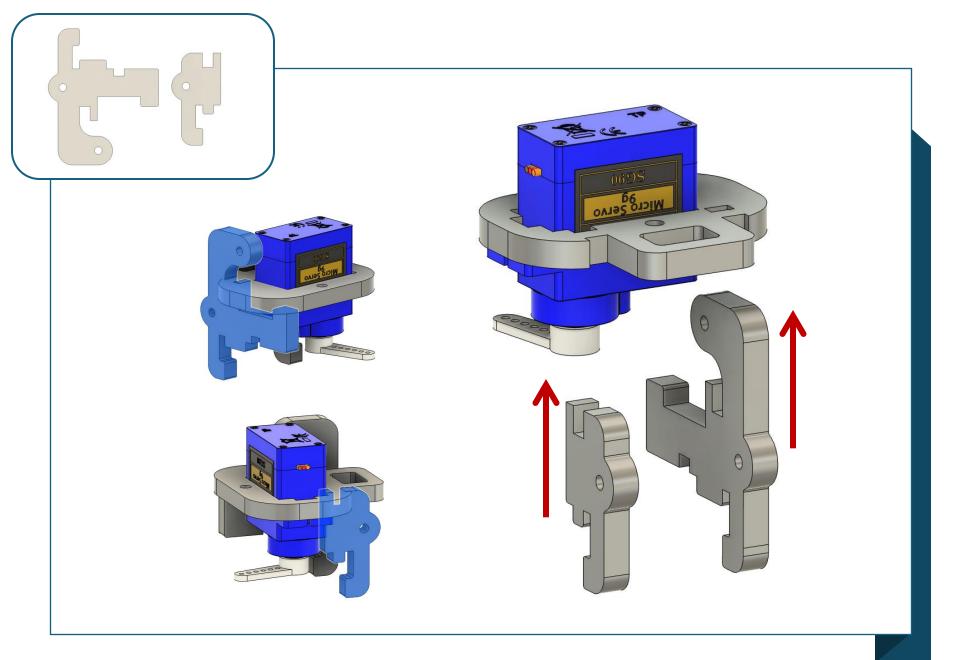




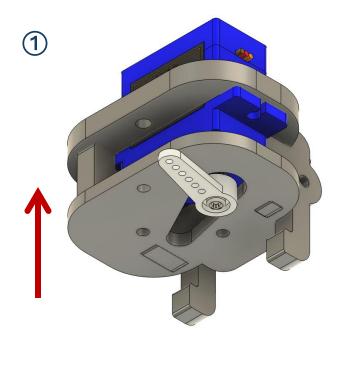


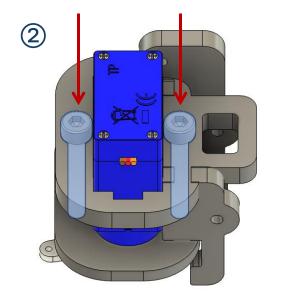


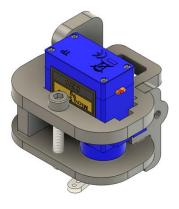


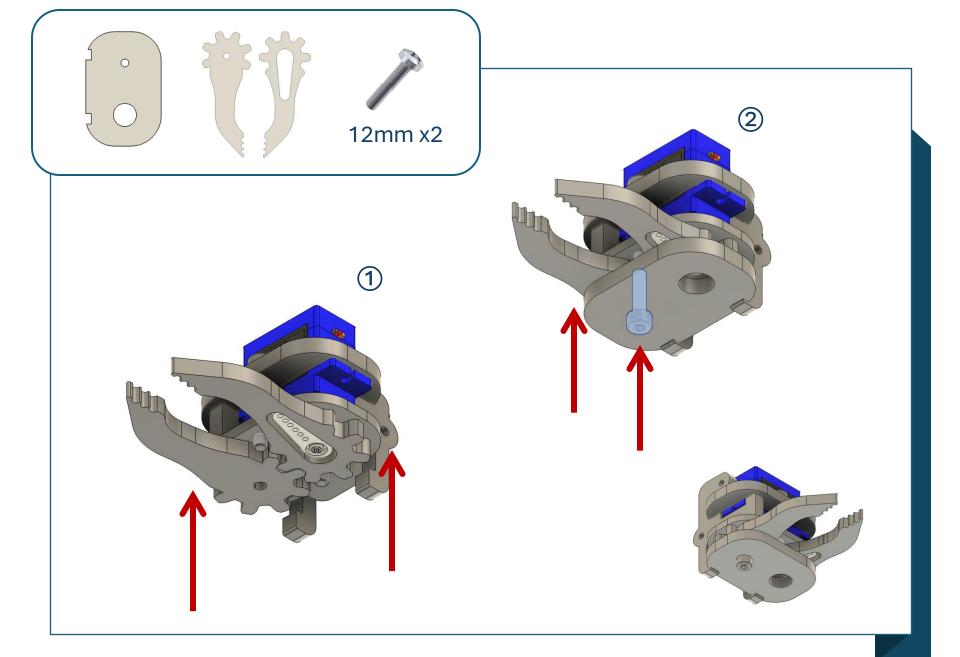


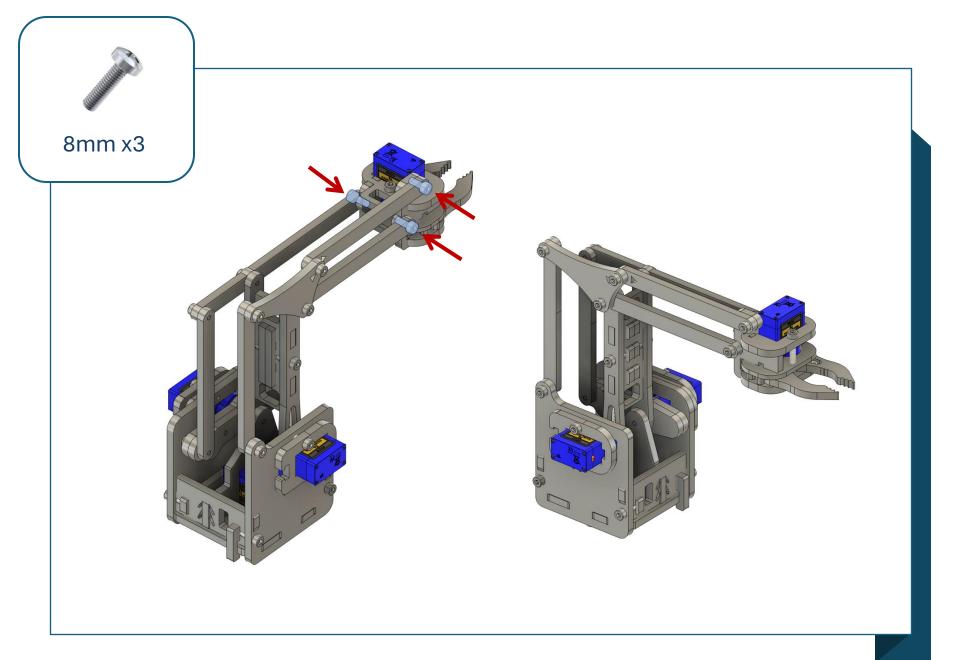




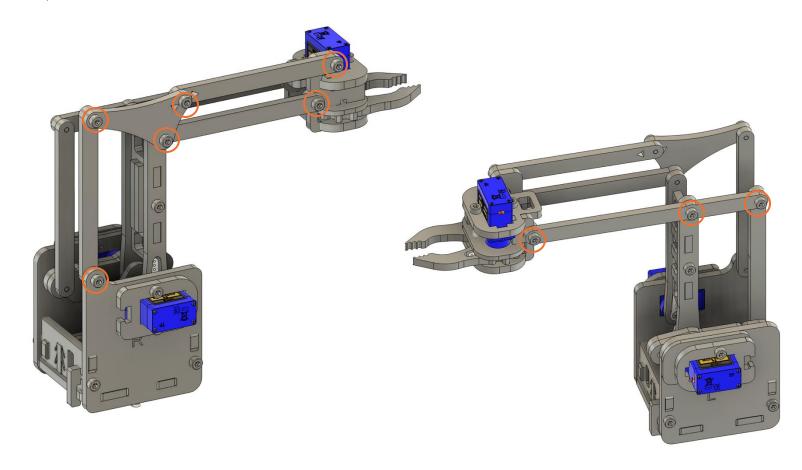


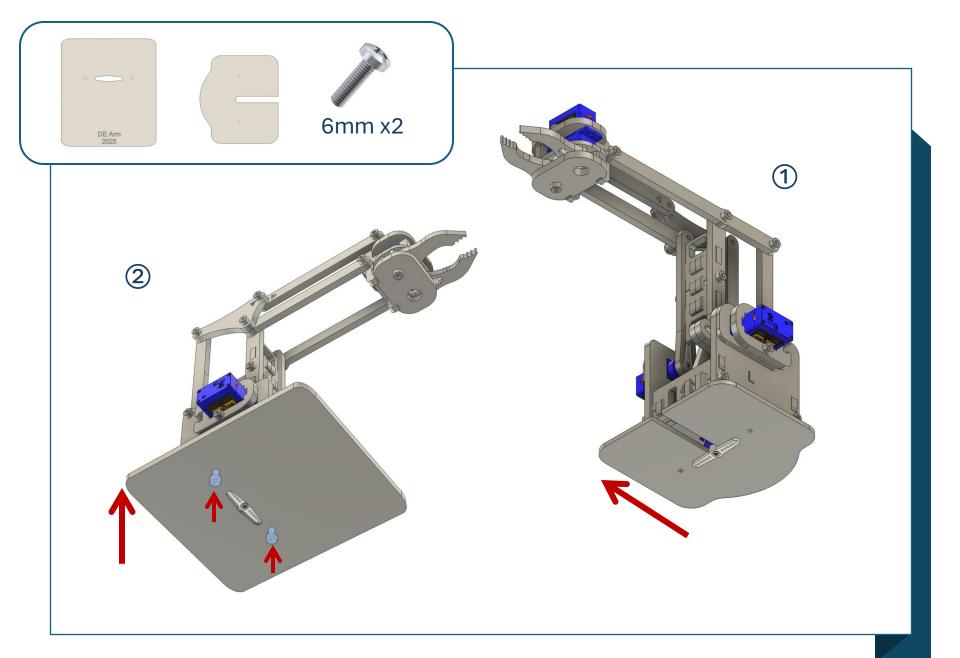




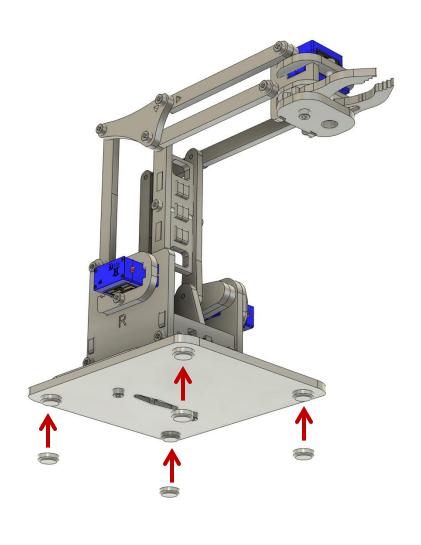


*Check if all joints move with little friction, if not, loosen the screw a few turns.









*Use the holes to manage the servo cables.

