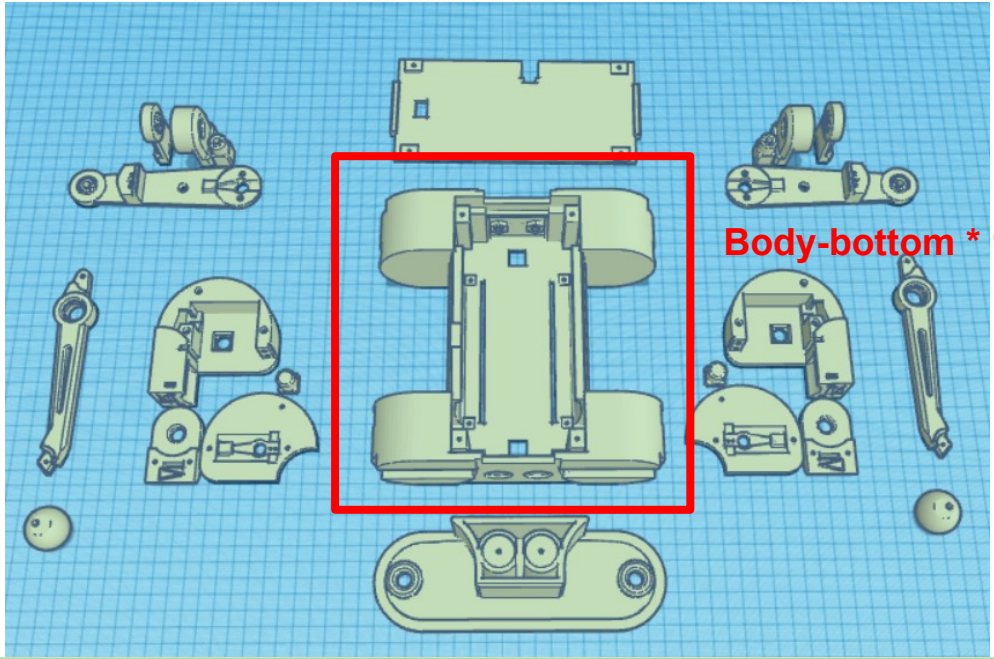
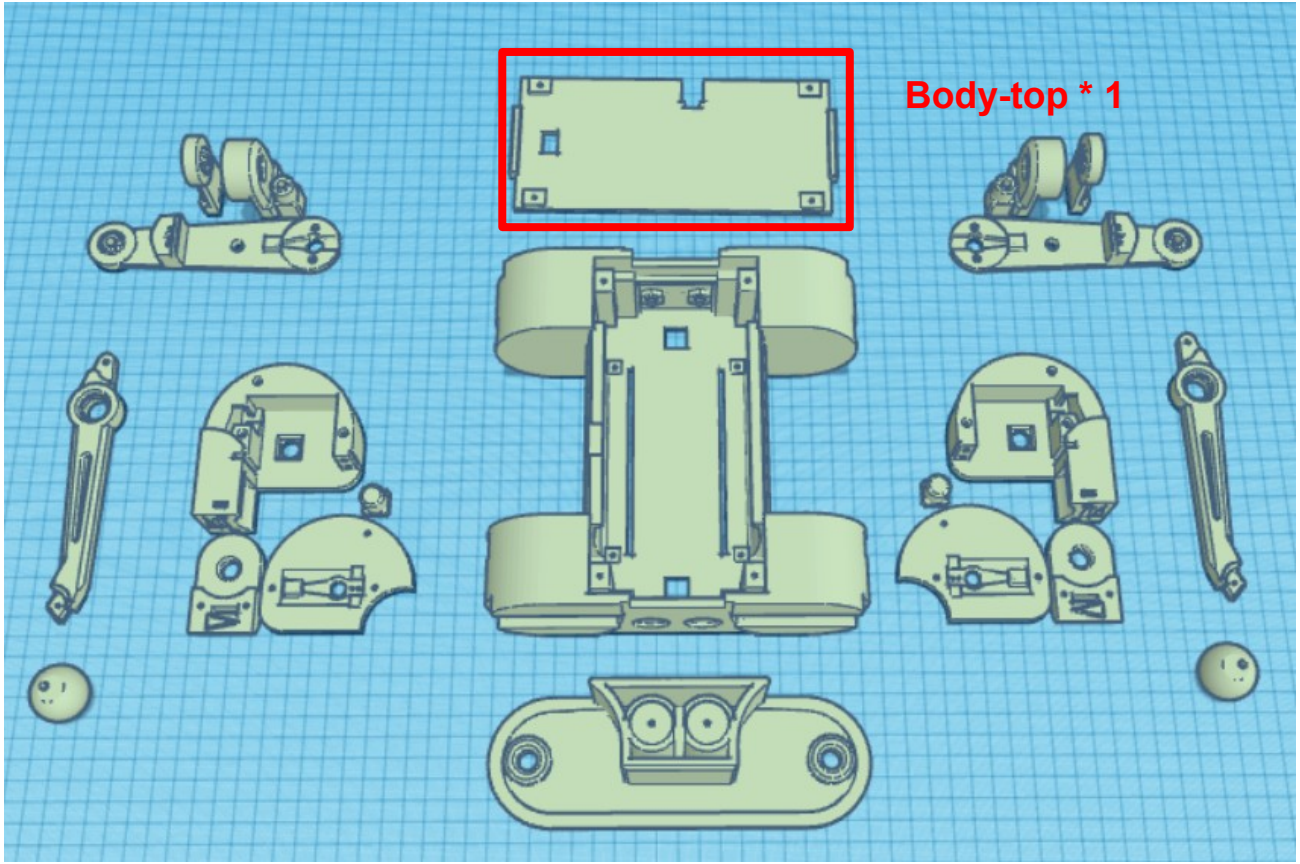
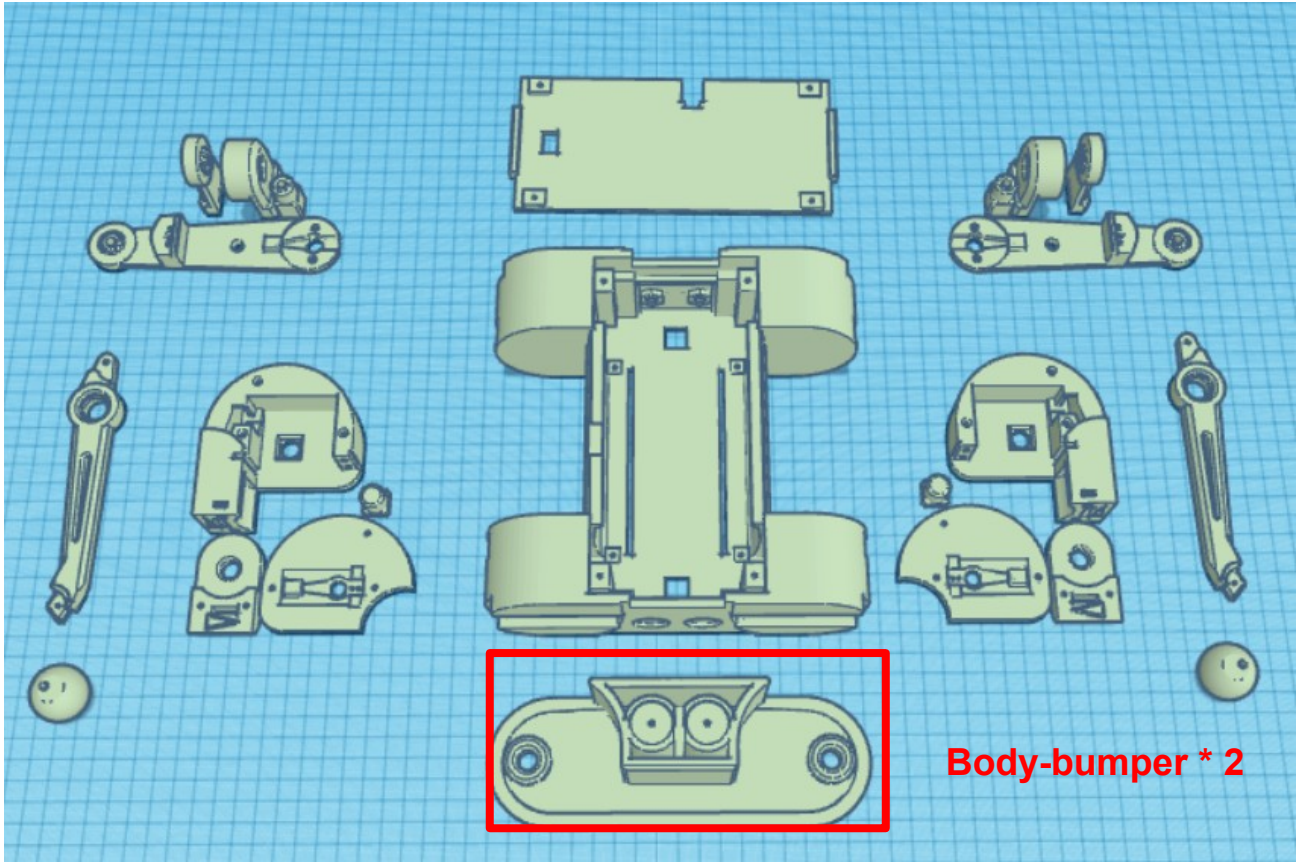
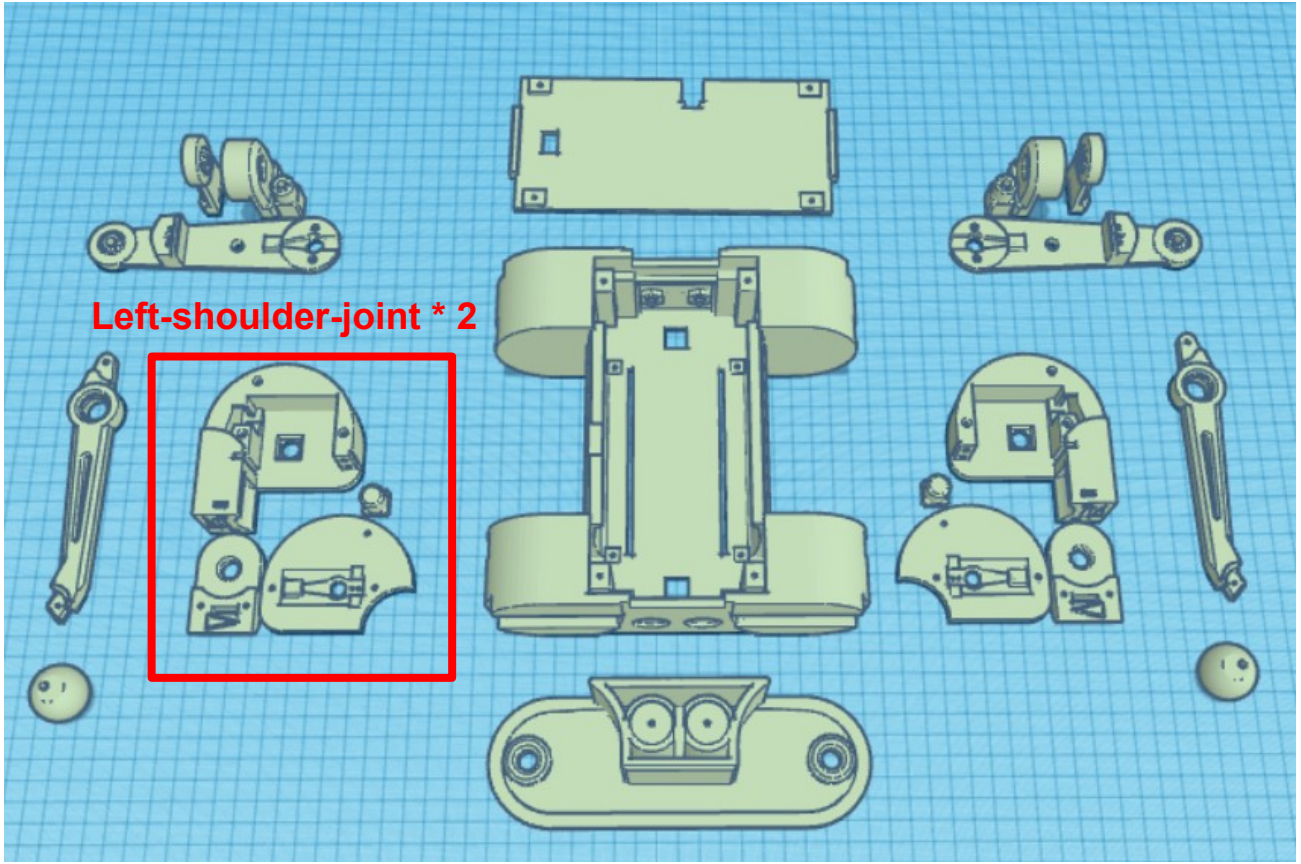
Assembling Step

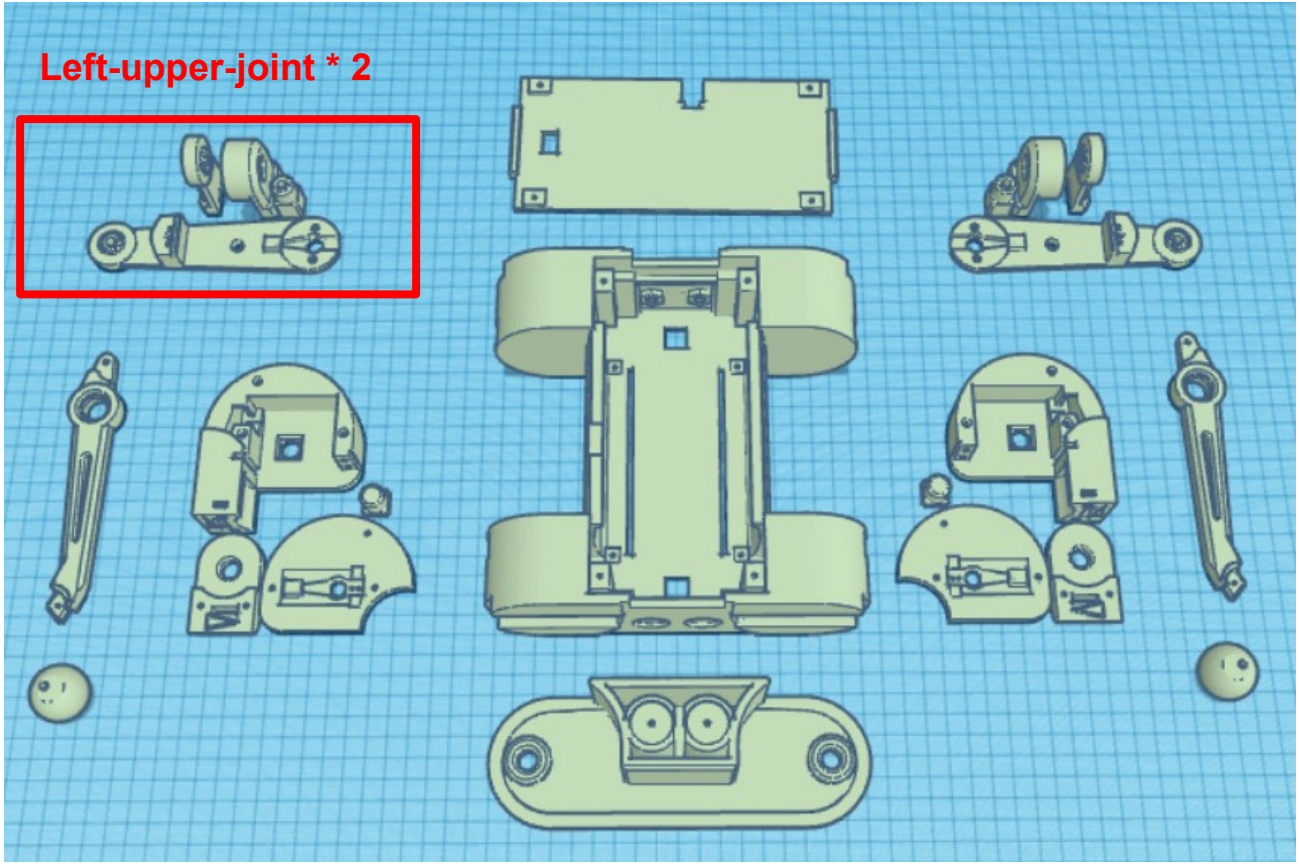
- For the 3d model components, we should have :

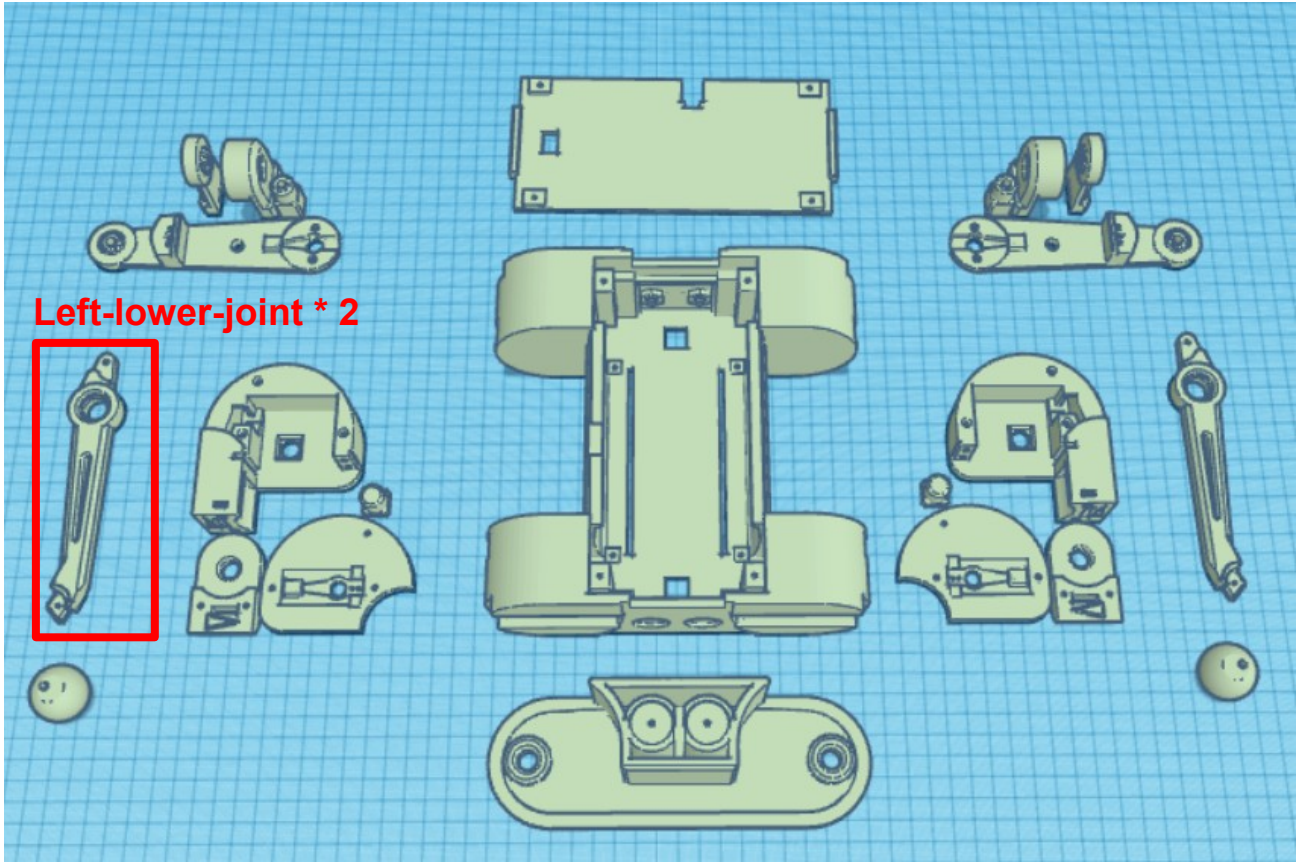


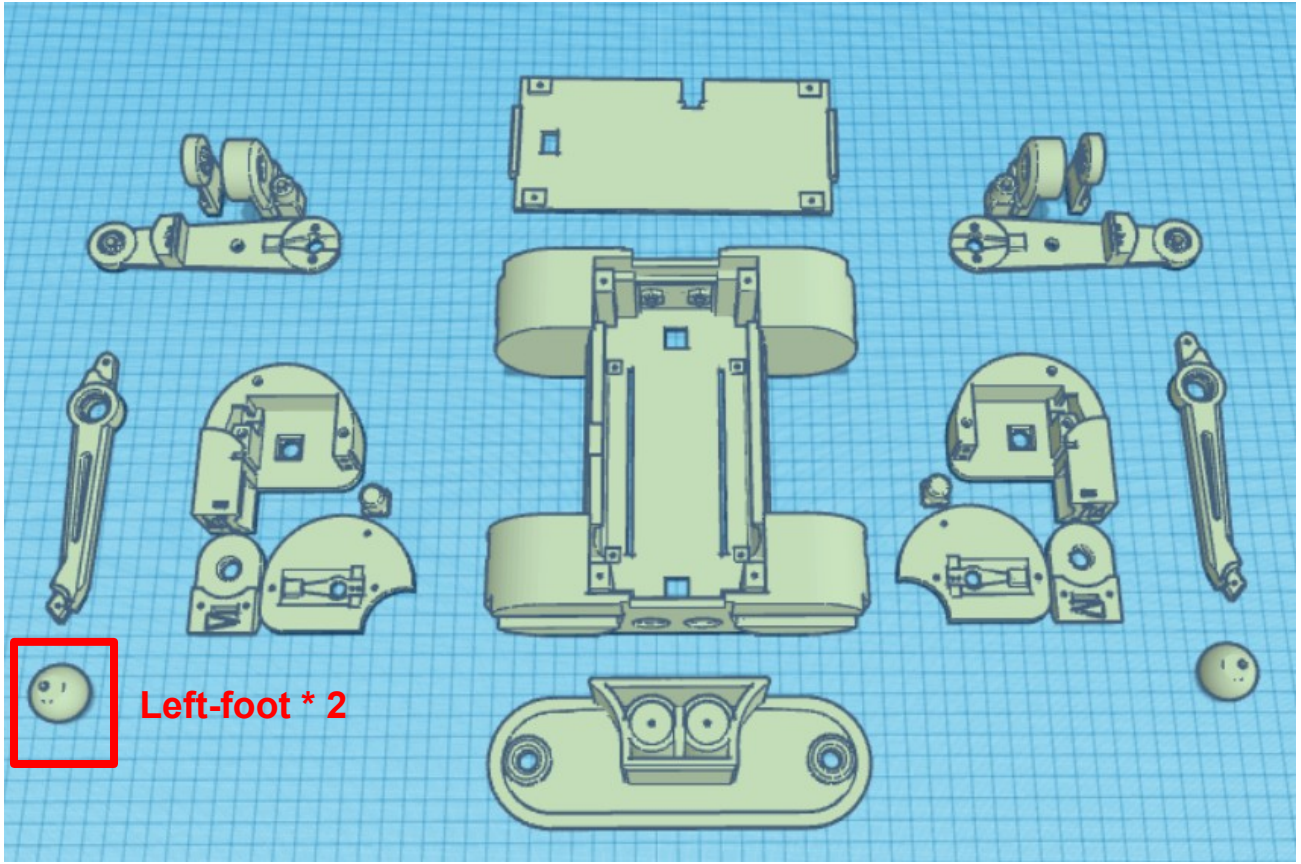

Body-top * 1

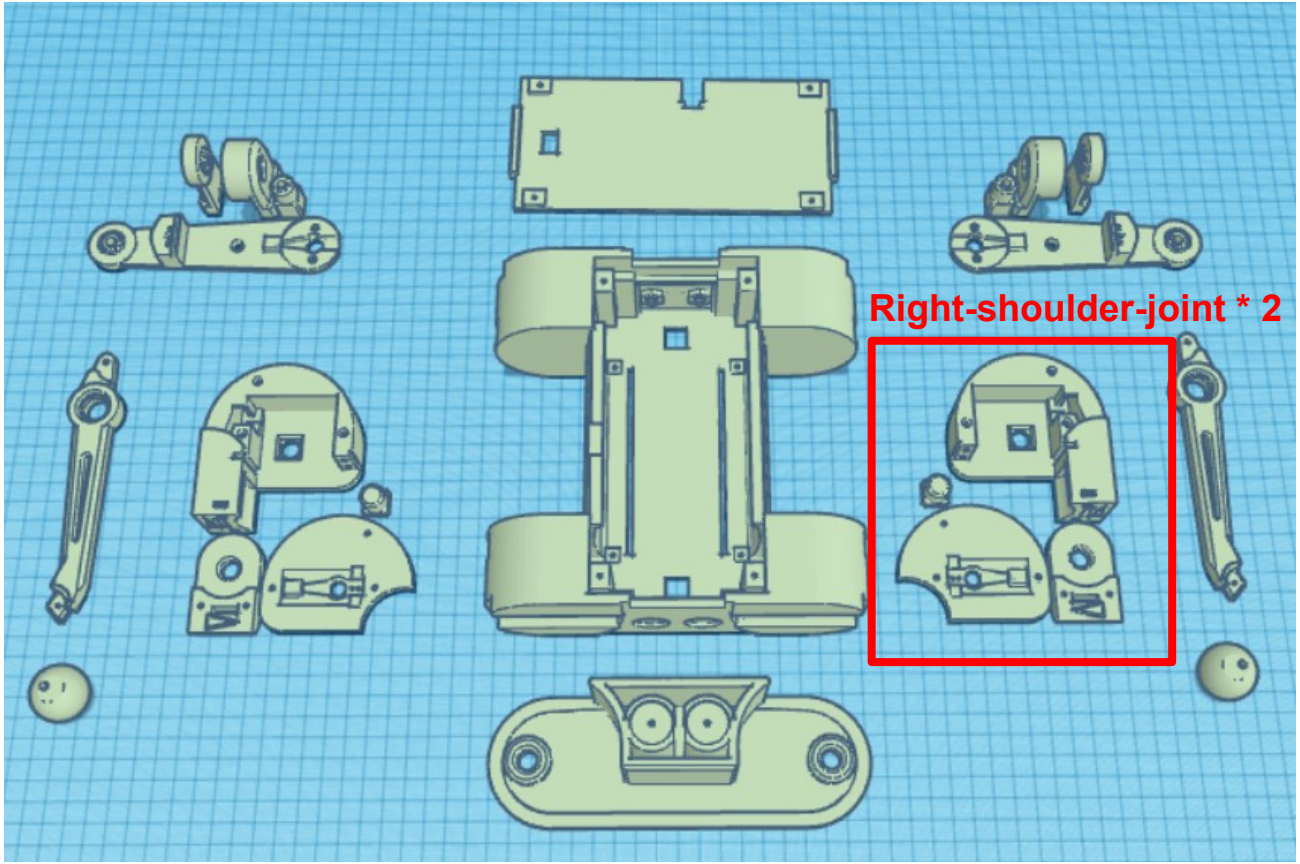

Body-bumper * 2

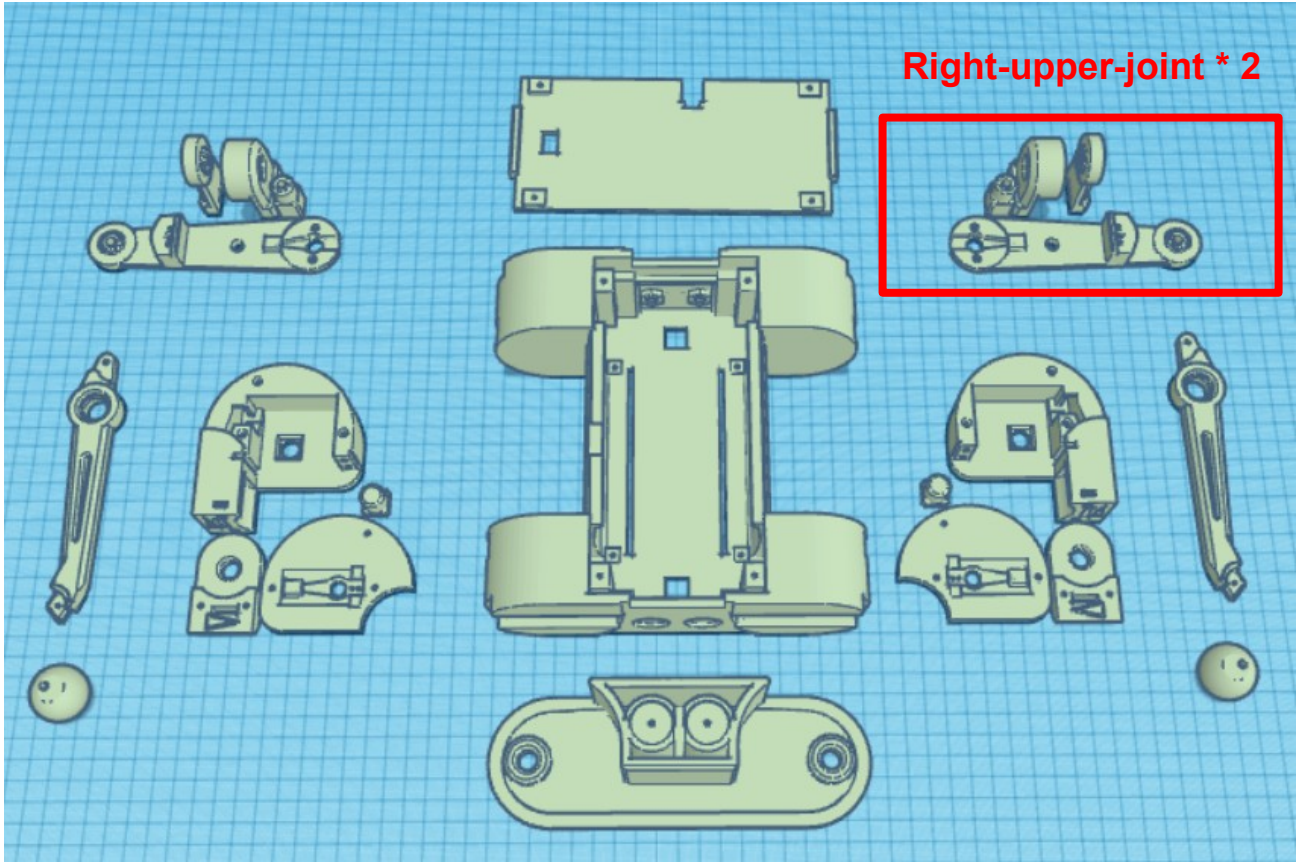

Left-shoulder-joint * 2

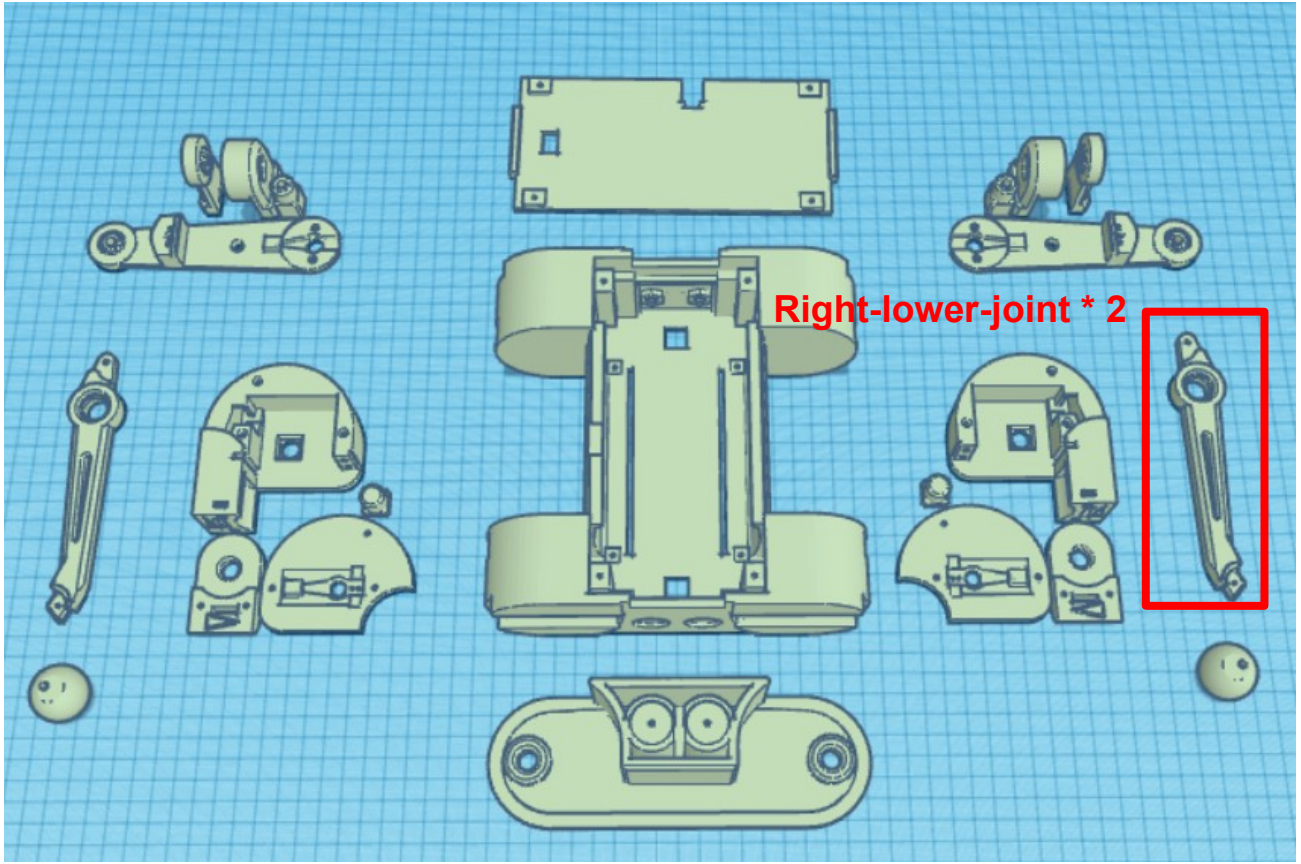

Left-upper-joint * 2

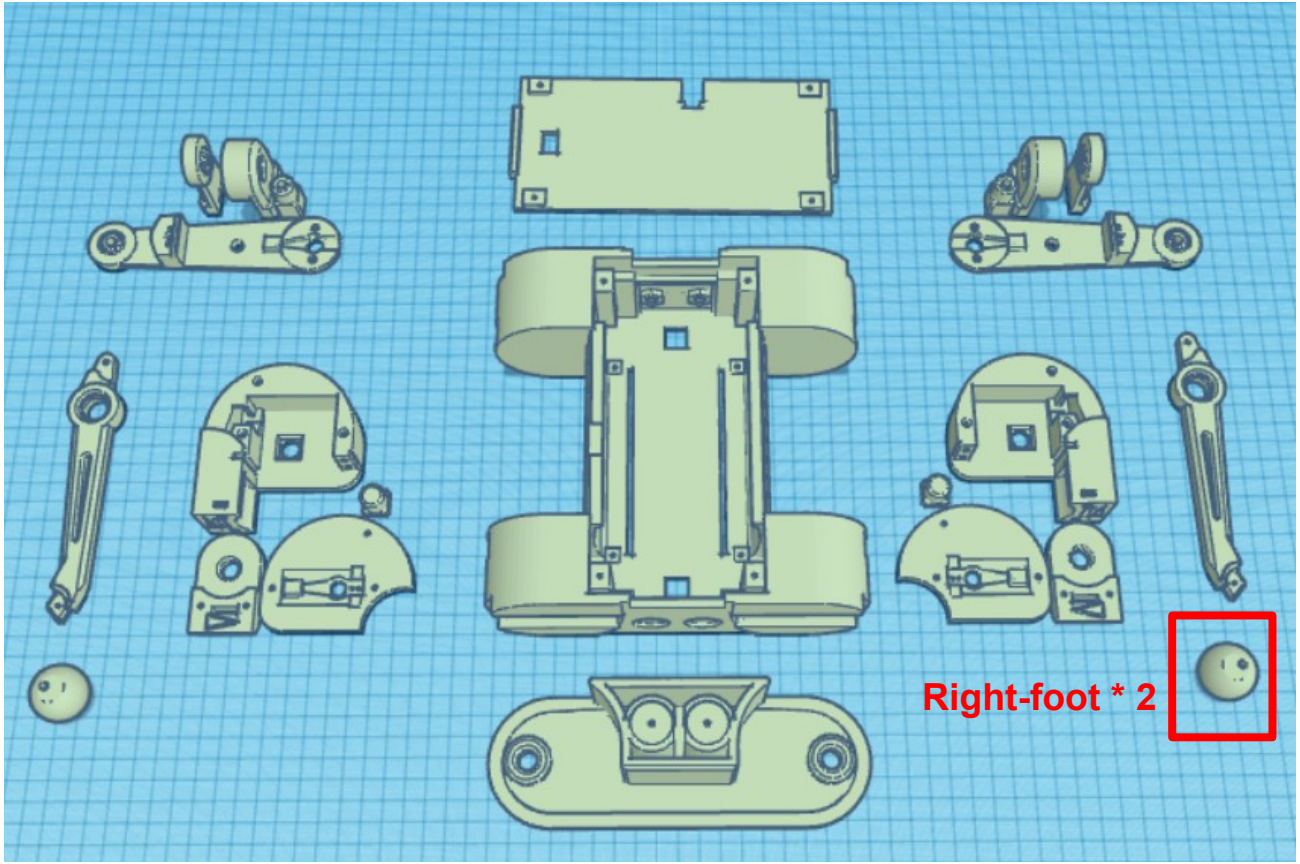

Left-lower-joint * 2


Left-foot * 2


Right-shoulder-joint * 2


Right-upper-joint * 2

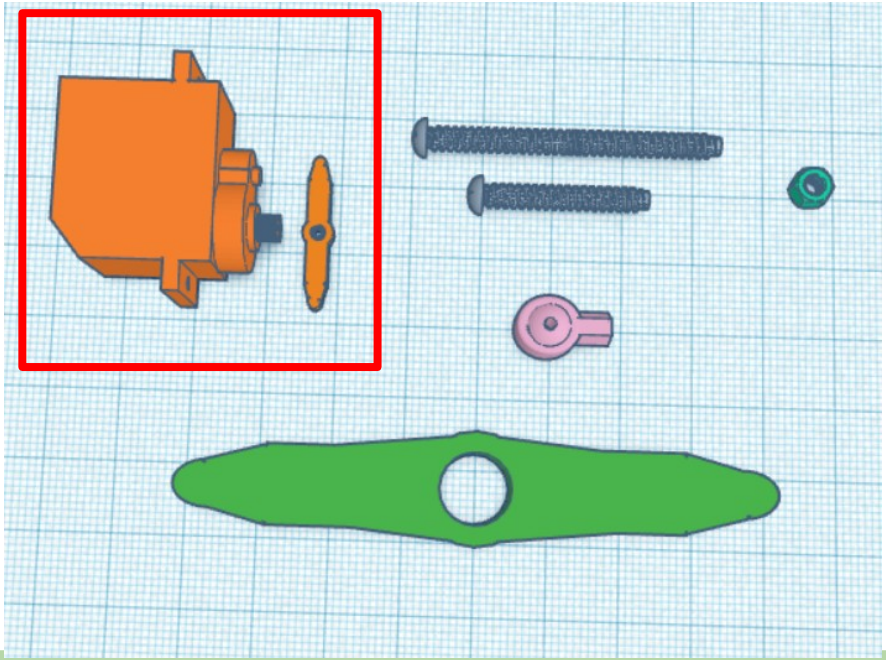

Right-lower-joint * 2

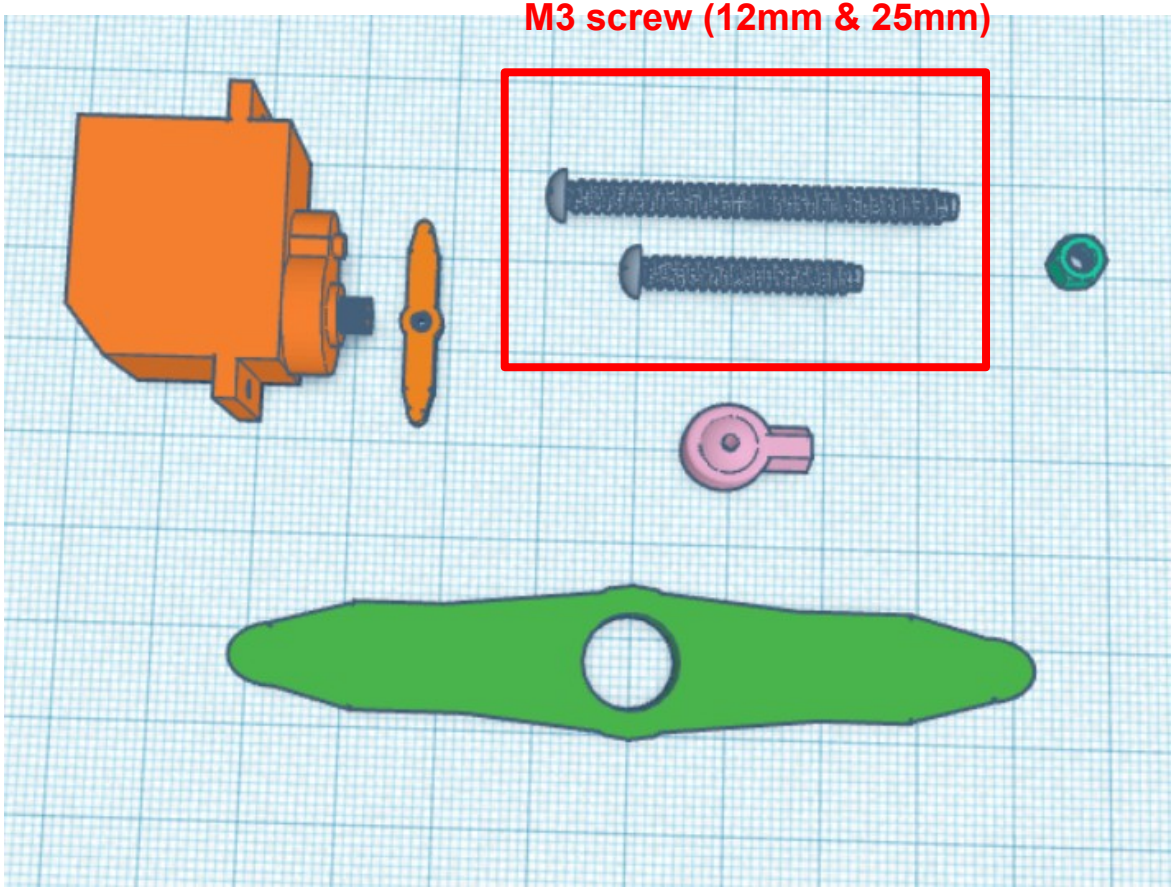

Right-foot * 2

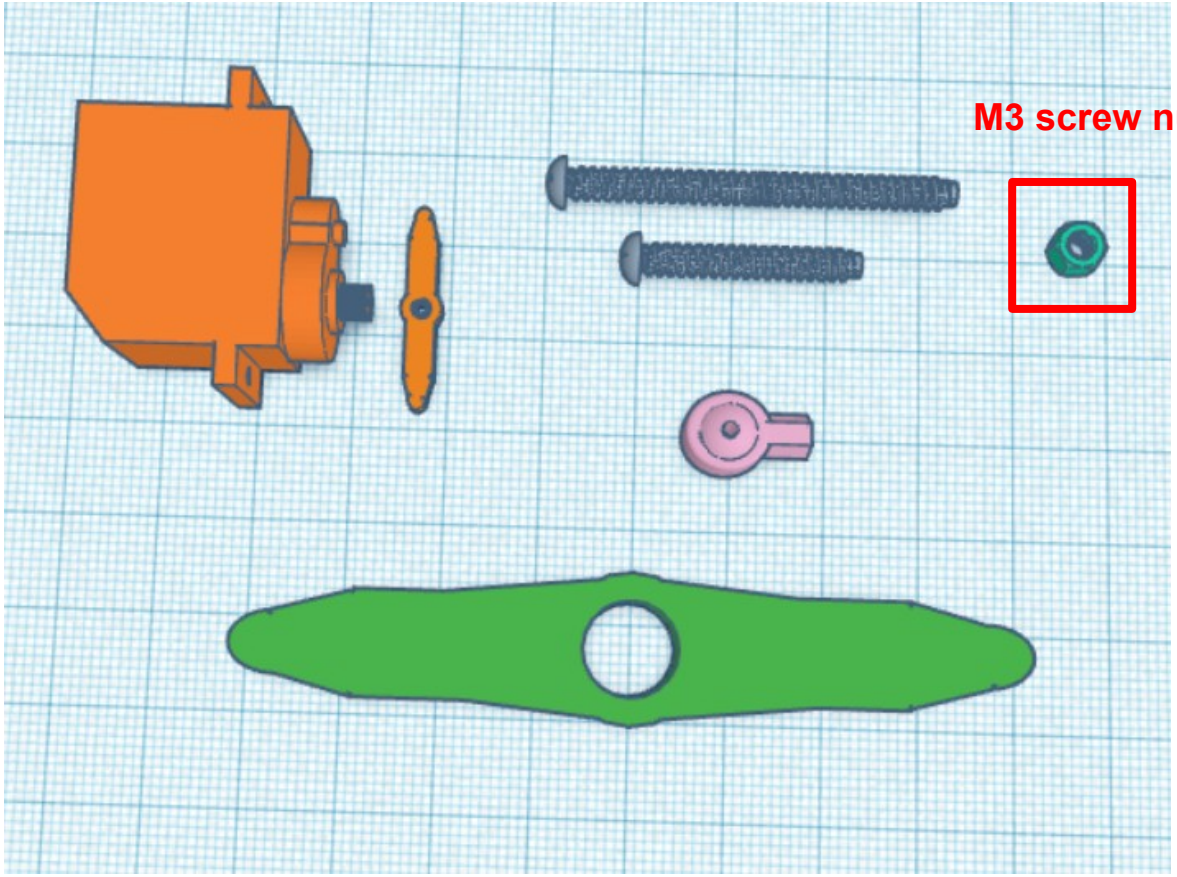
Assemble Step

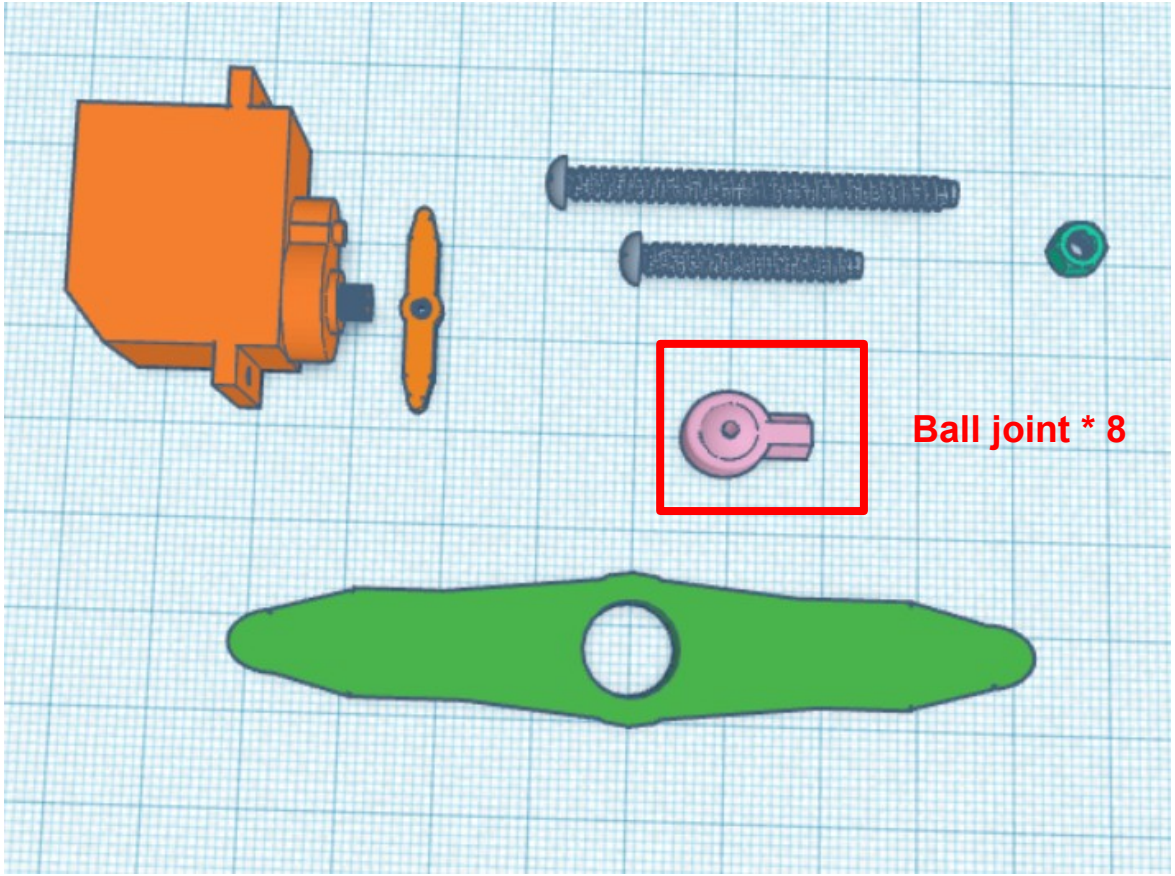
- For the other components, we have :

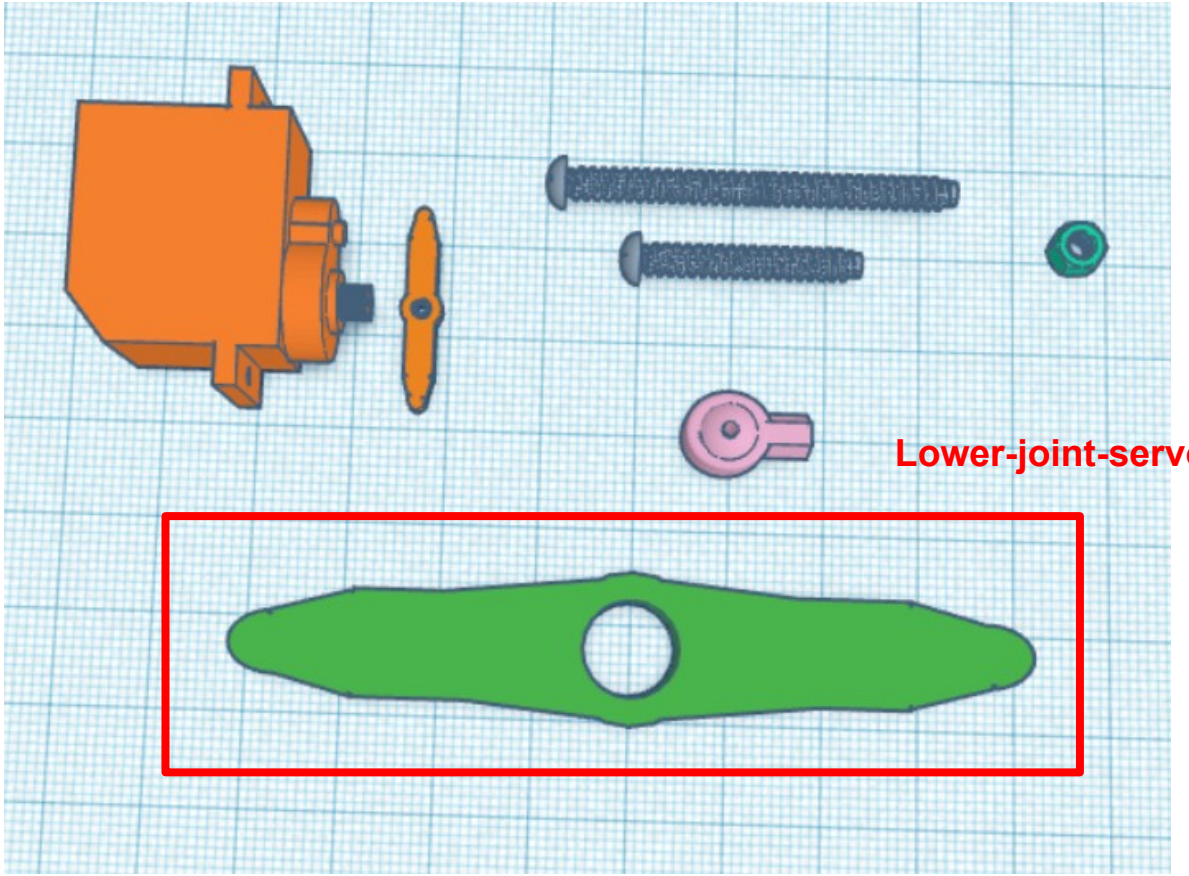
Servo motor * 12




M3 screw (12mm & 25mm)

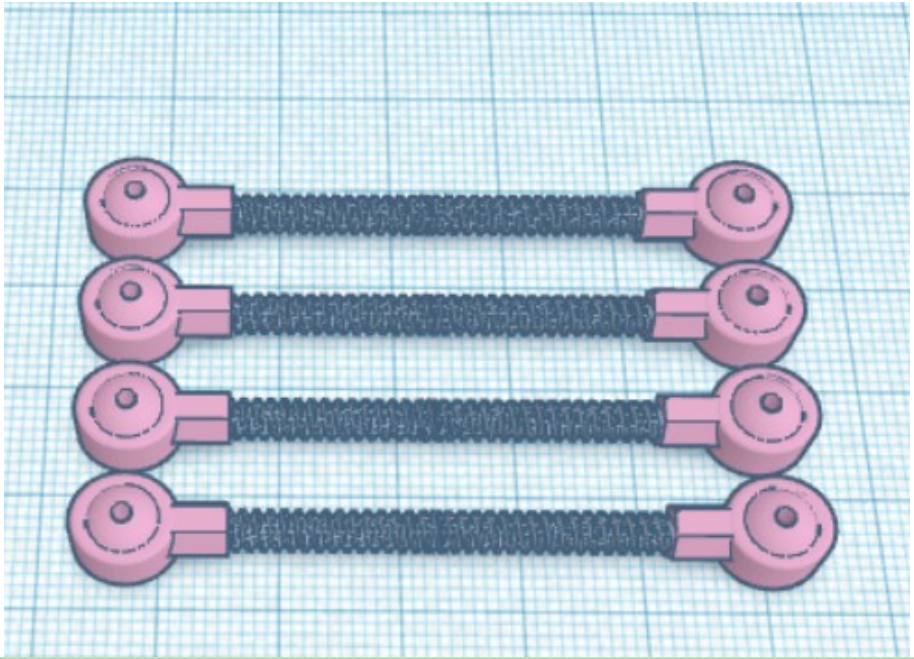

M3 screw nut


Ball joint * 8

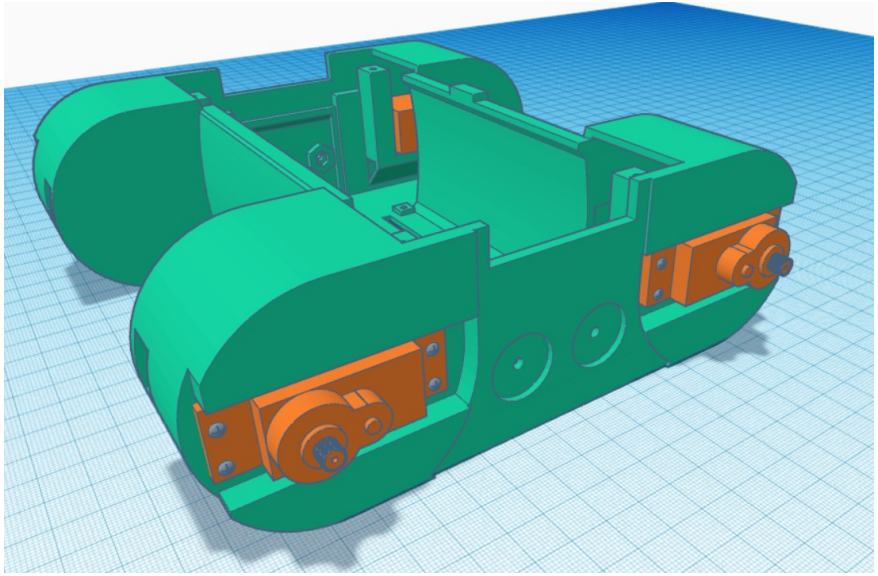


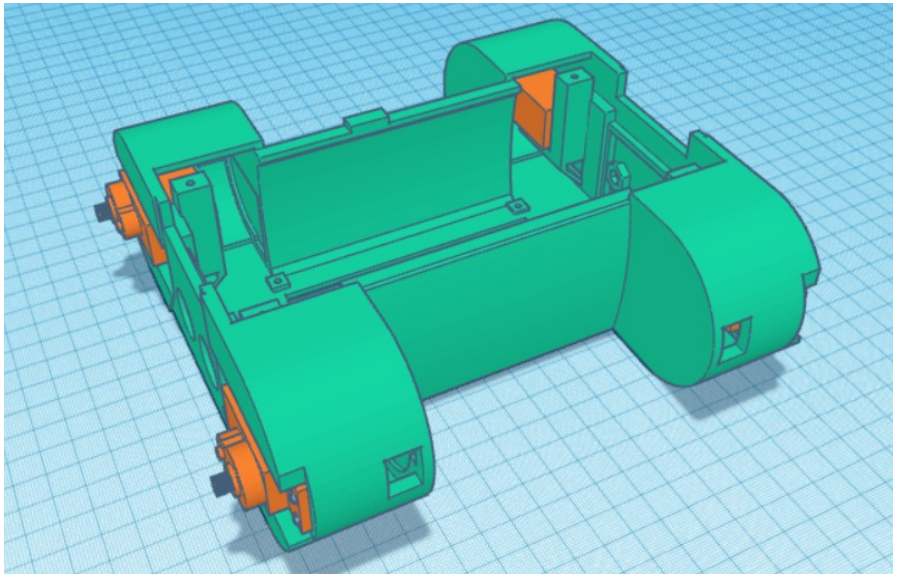
Lower-joint-servo-gear * 4

- First we need to cut the M3 screw and put ball joint at its two end
- Repeat four times, make sure they have the same length

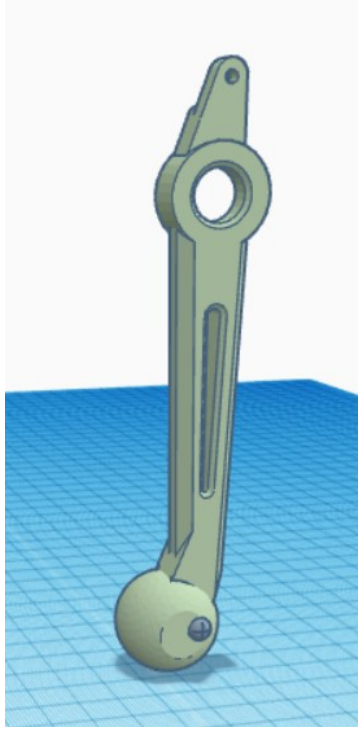


- Next, we work on the body part
- Screw the the body with the servos on each shoulder

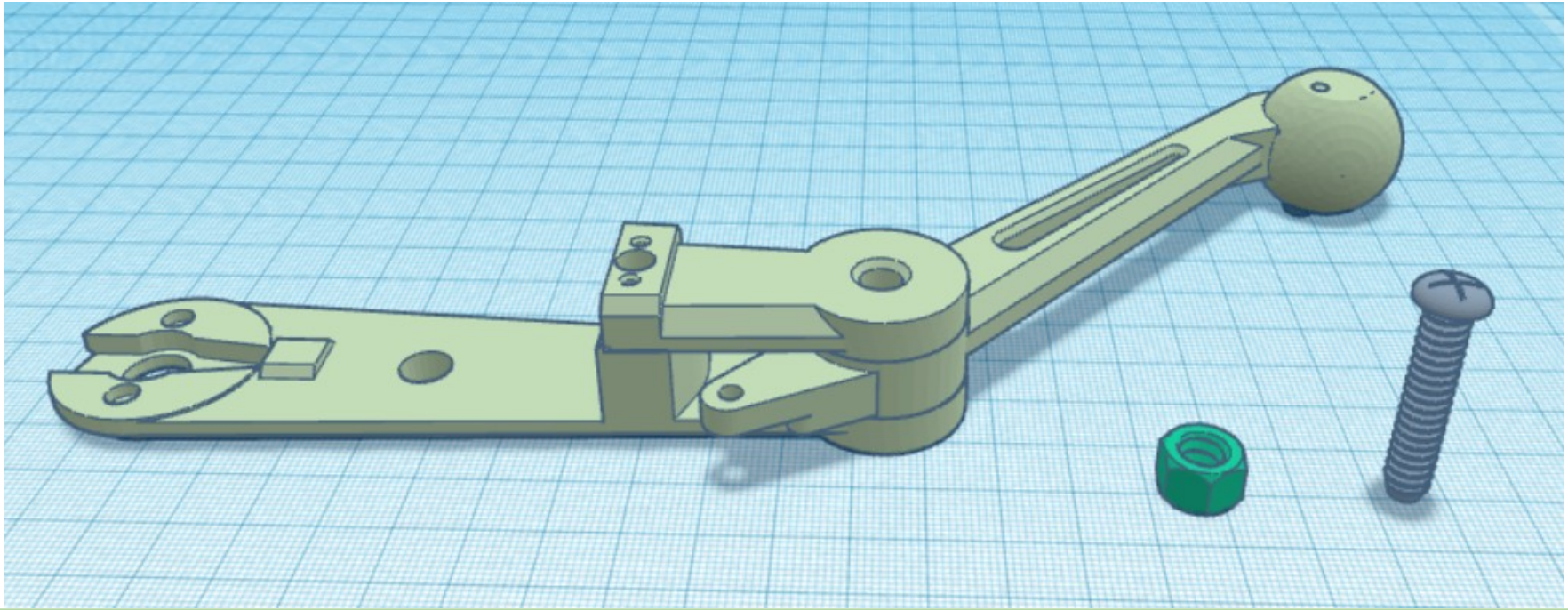


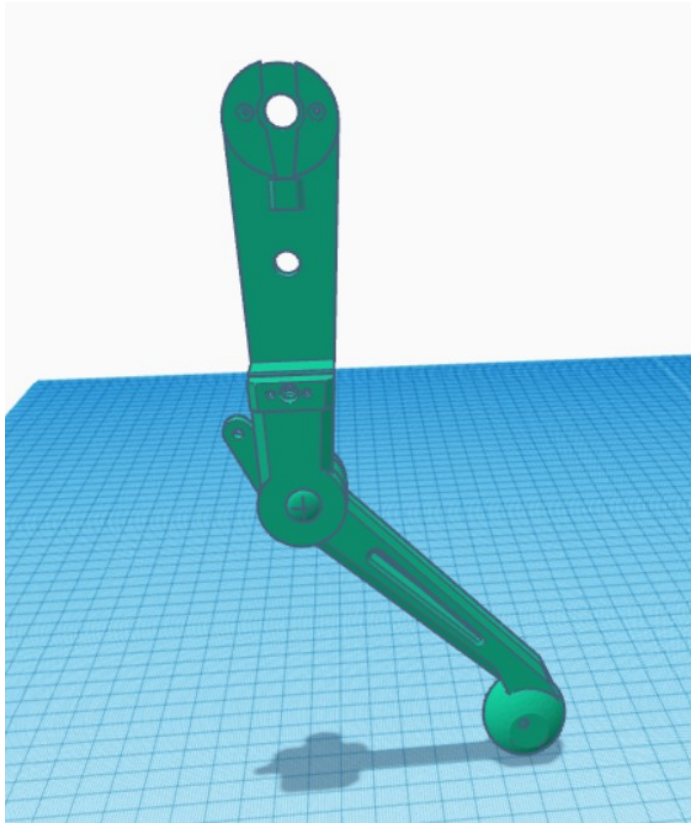


- Then we connect the foot (right) and the lower joint (right)
- Screw them together

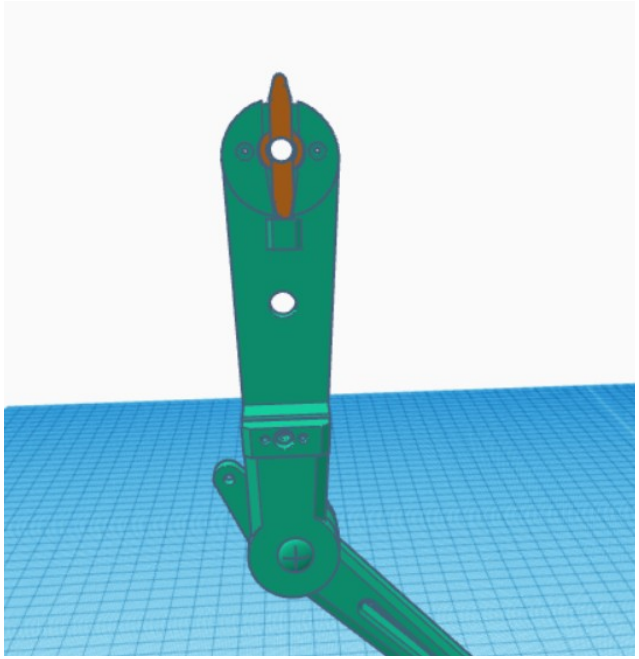


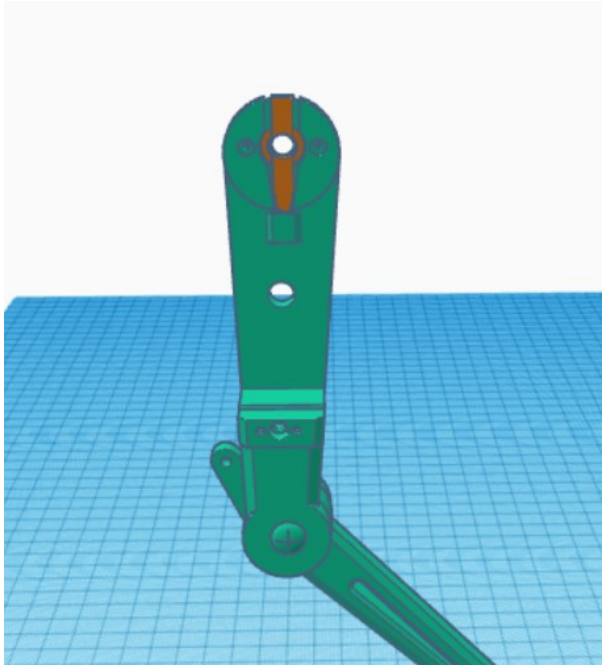
- Connect the lower joint (right) and the upper joint (right) together with servo motor
- Screw them together



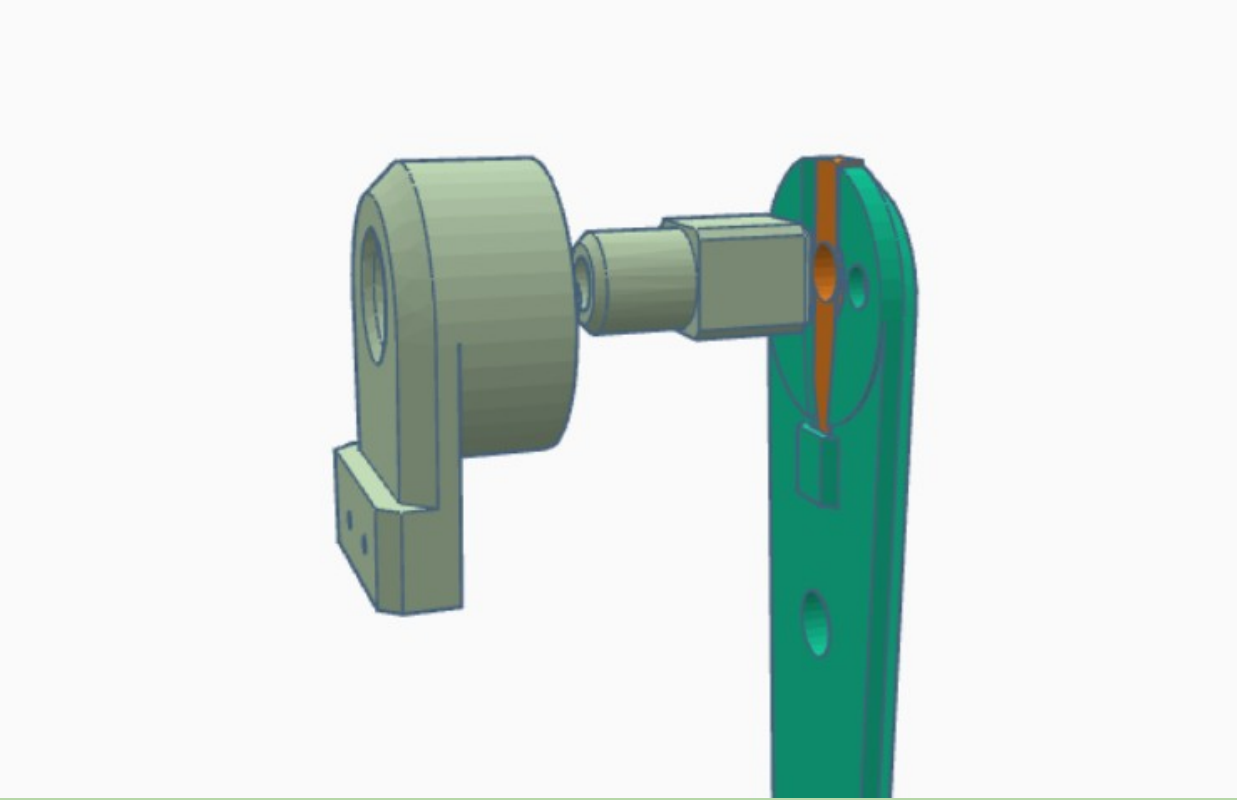


- Put the servo gear into the groove, cut the extra part if needed

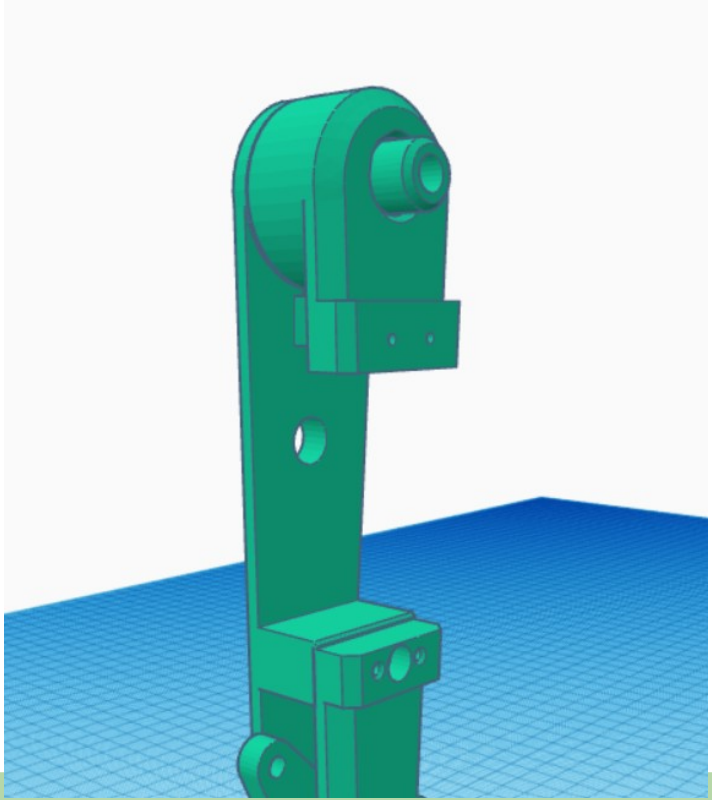




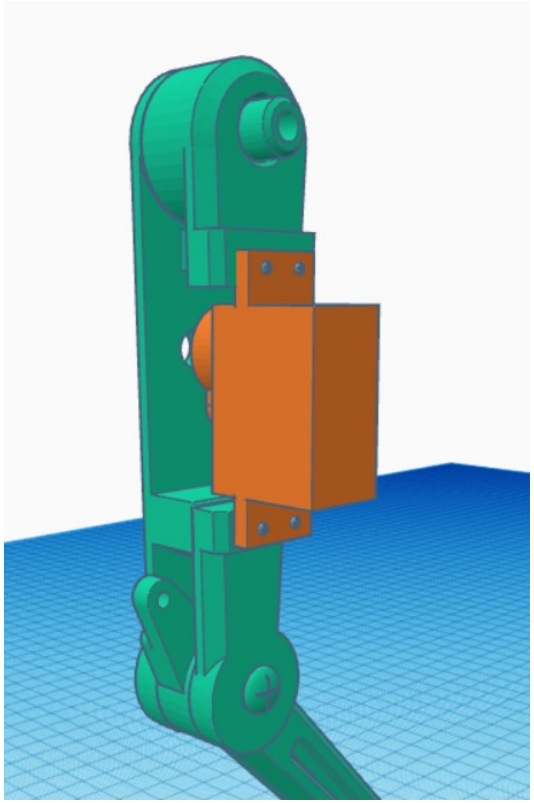
- Connect the remaining upper joint parts



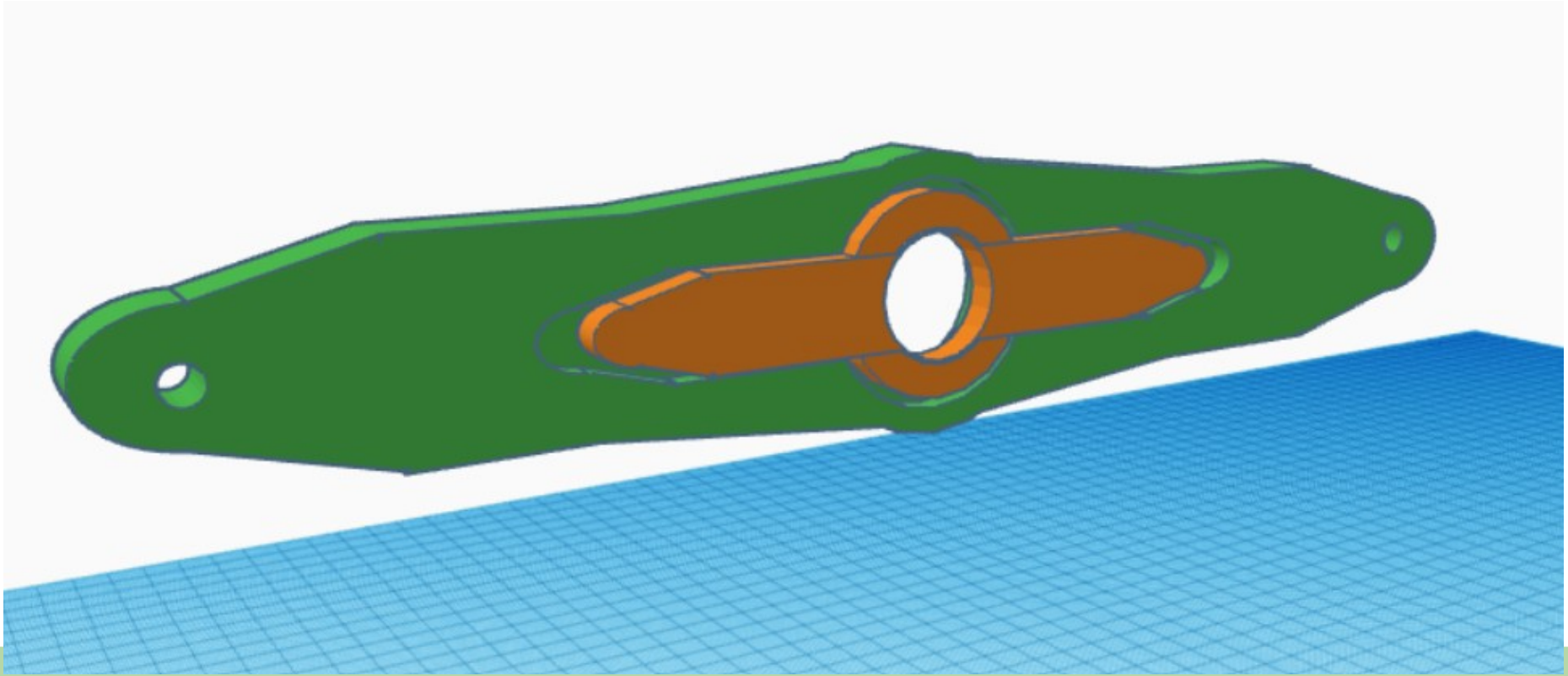
- Connect the remaining upper joint parts



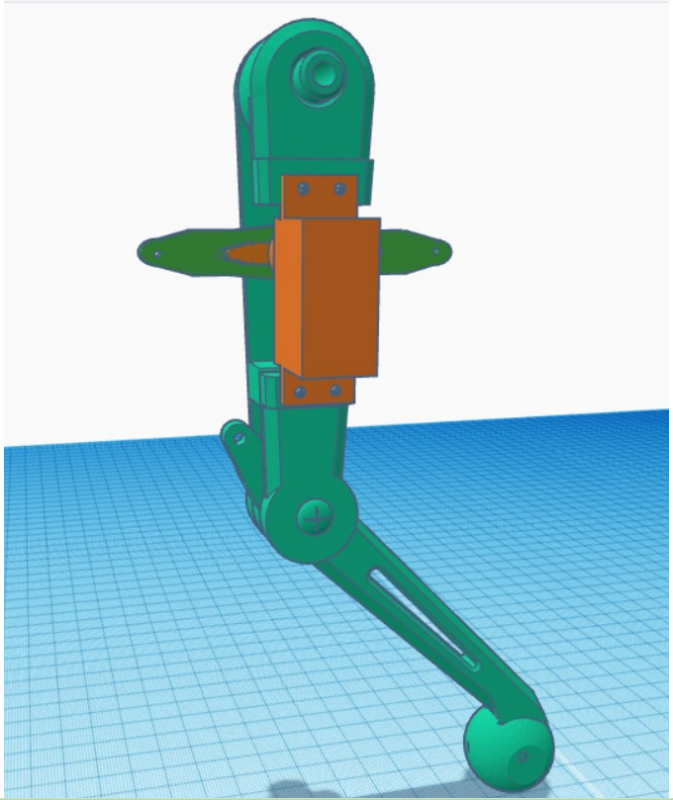
- Screw the servo and the upper joint



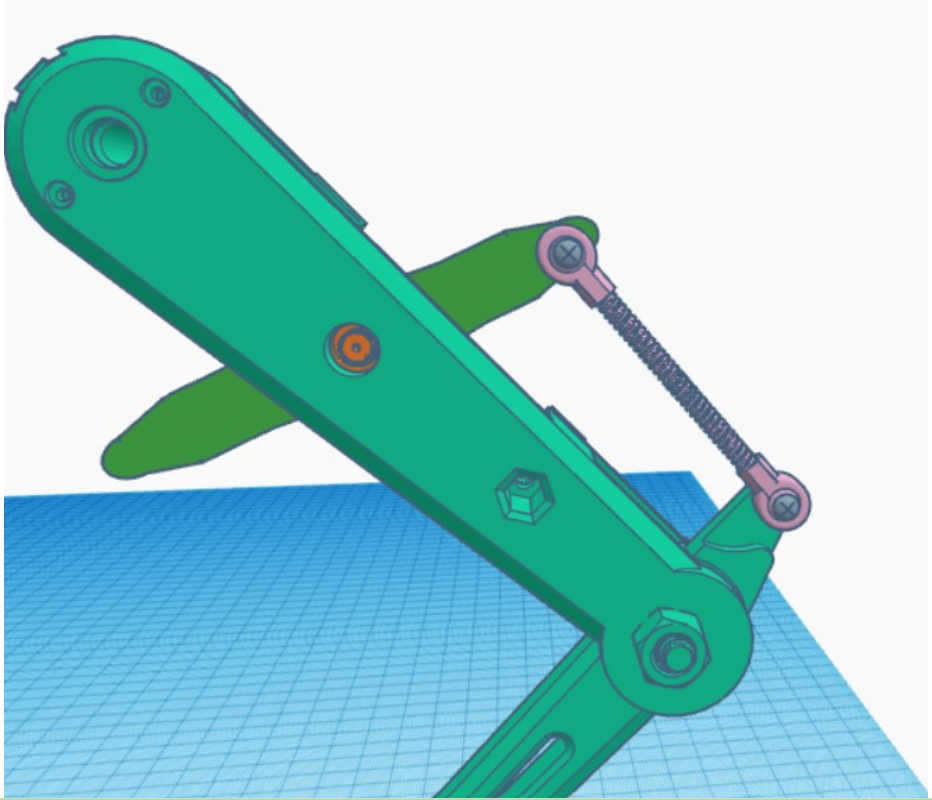
- Put servo gear into the Lower-joint-servo-gear’s groove



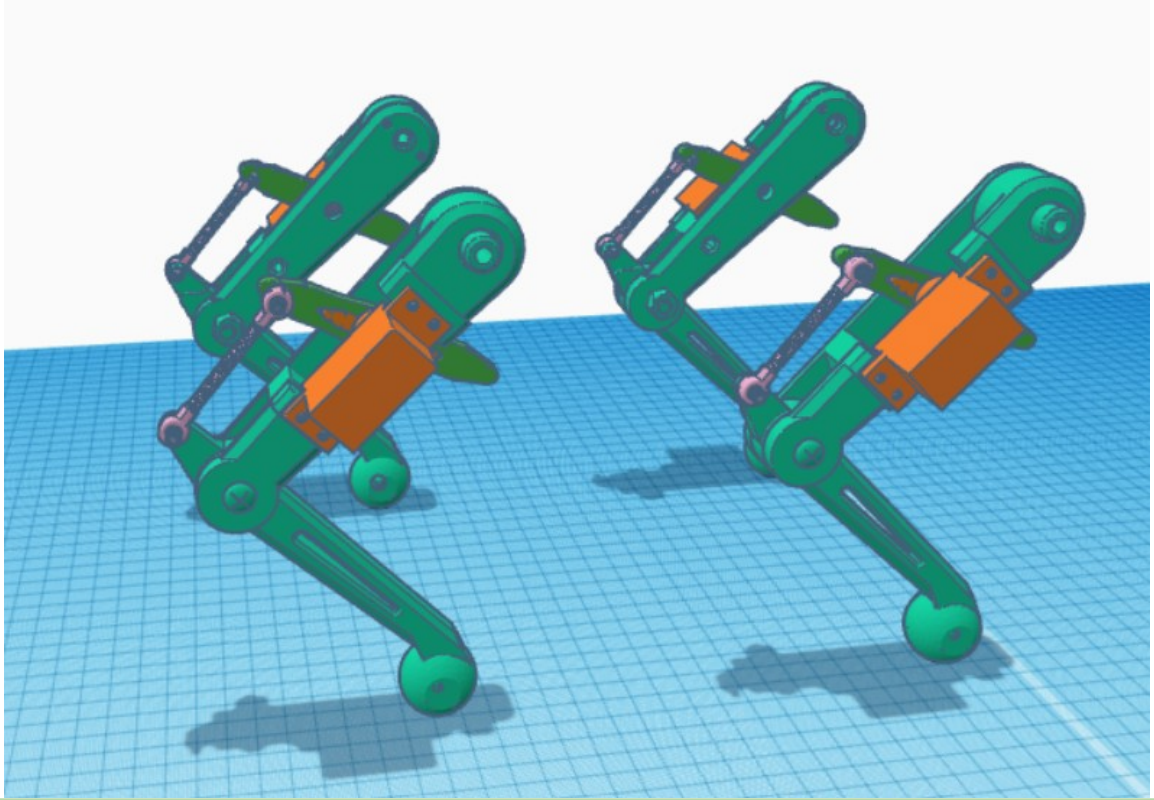
- Connect the lower-joint-servo-gear to the servo motor



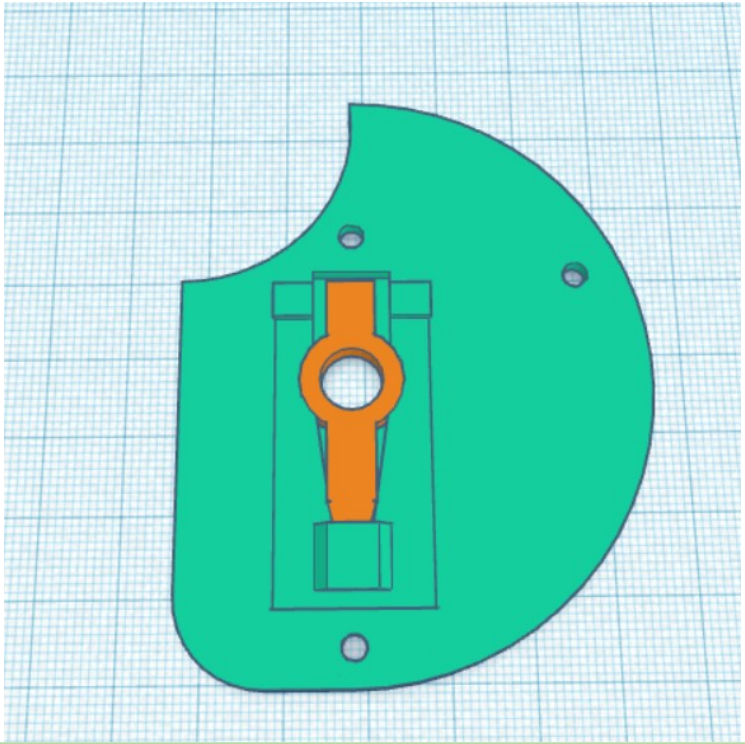
- Screw the ball joint with the lower-joint-servo-gear and lower joint



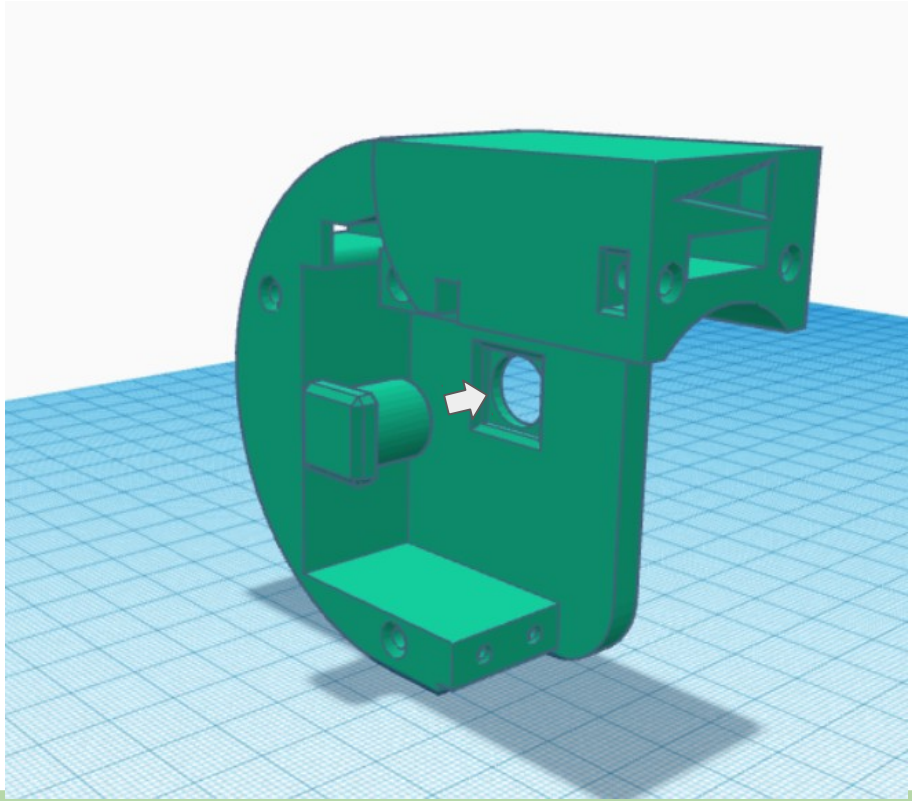
- Same step for the left leg

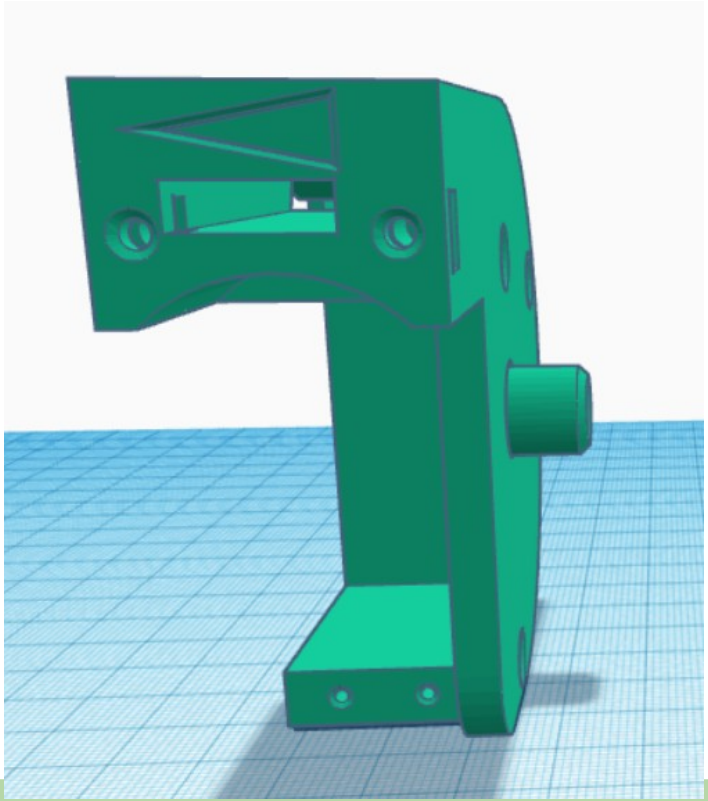


- After that, we work on the shoulder part (right)
- Put the servo gear into the groove, cut the extra part if needed

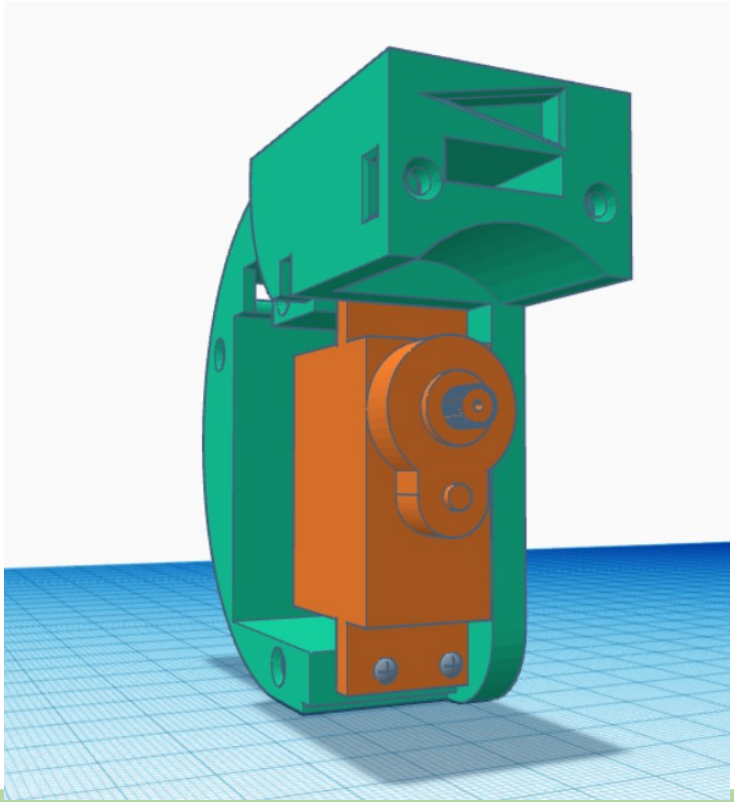


- Connect the the shoulder part (right)

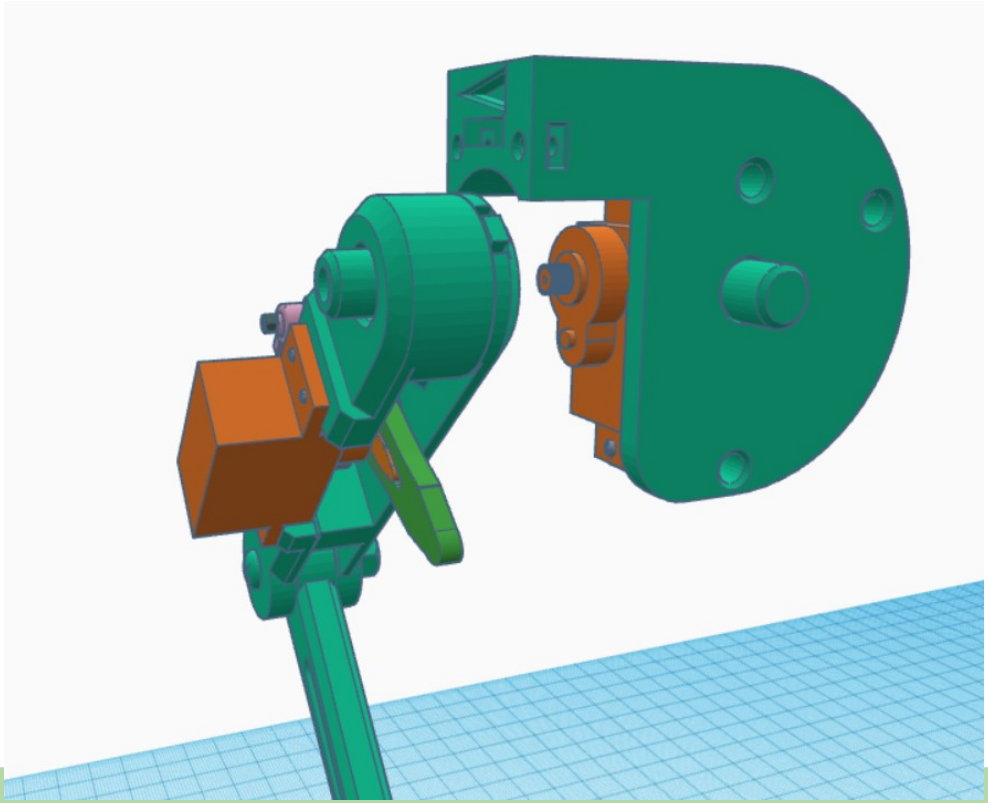


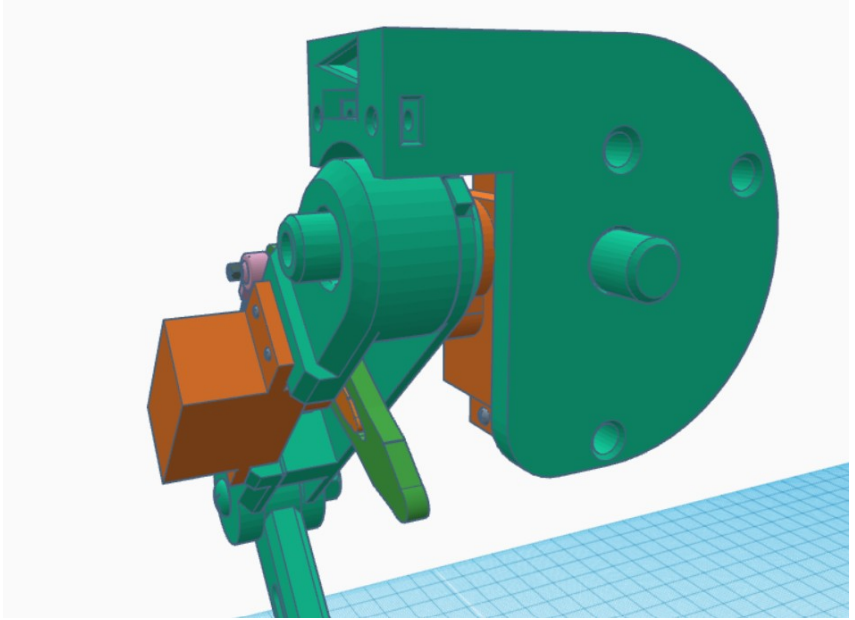


- Screw the servo with the shoulder (right)

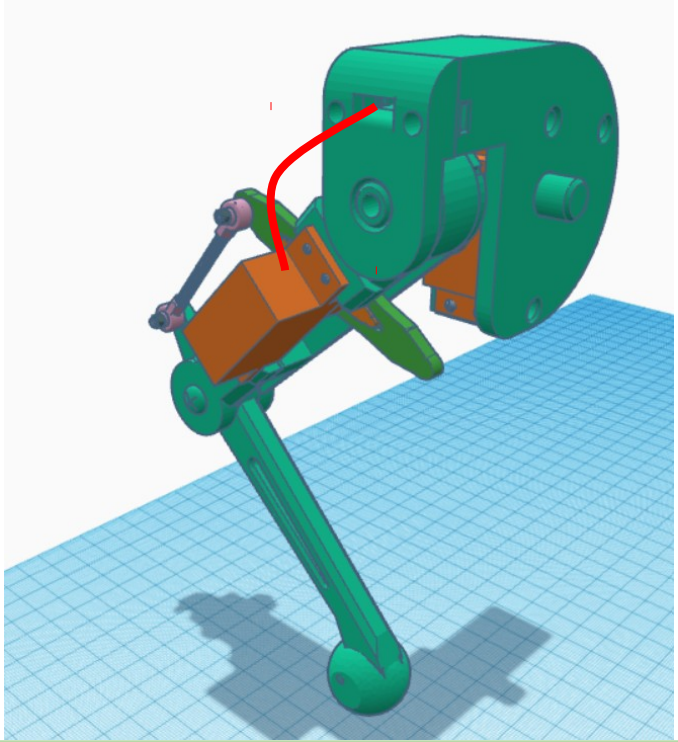


- Connect the upper joint (right) with the shoulder (right)

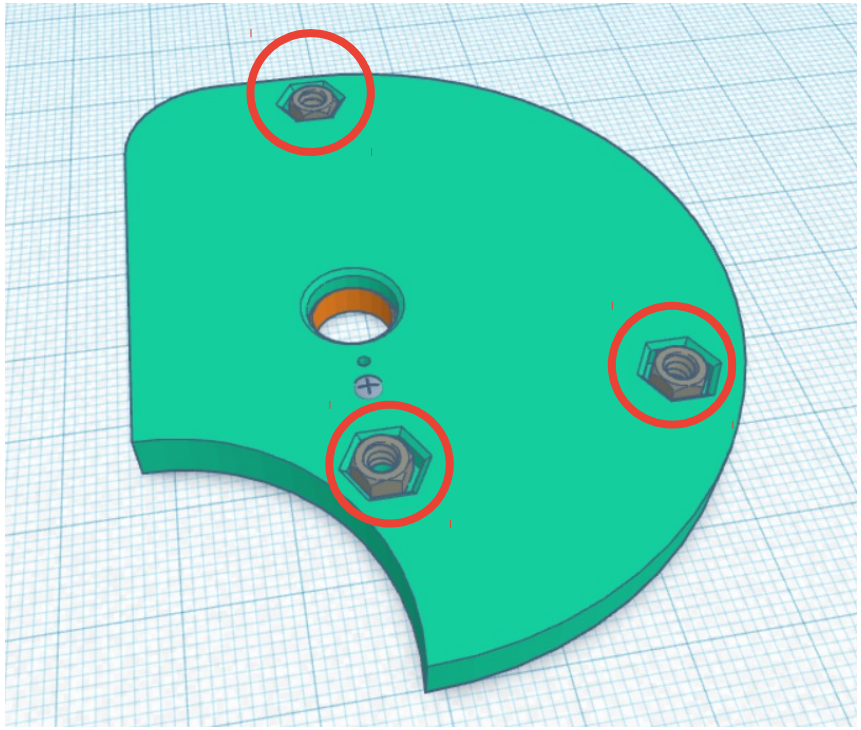




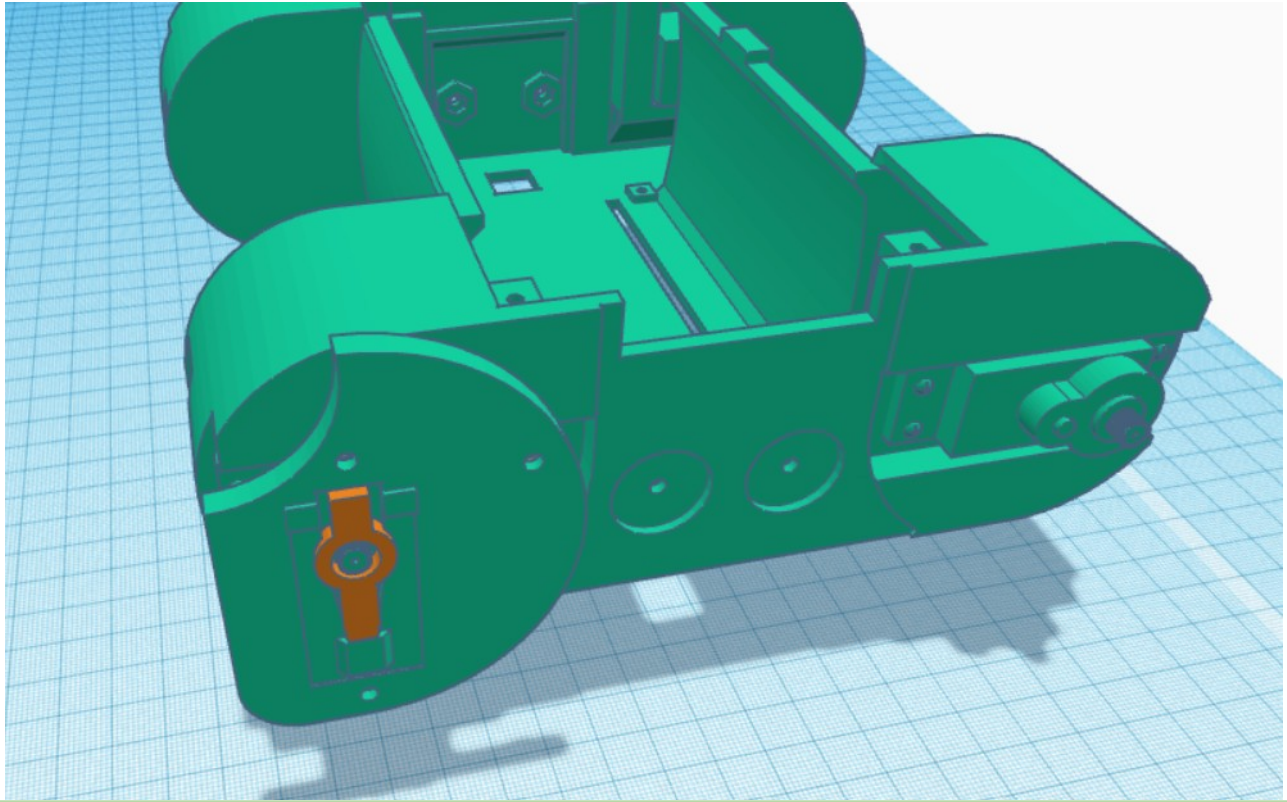
- Connect the remaining parts of the shoulder
- Make sure the wire can pass through the hole



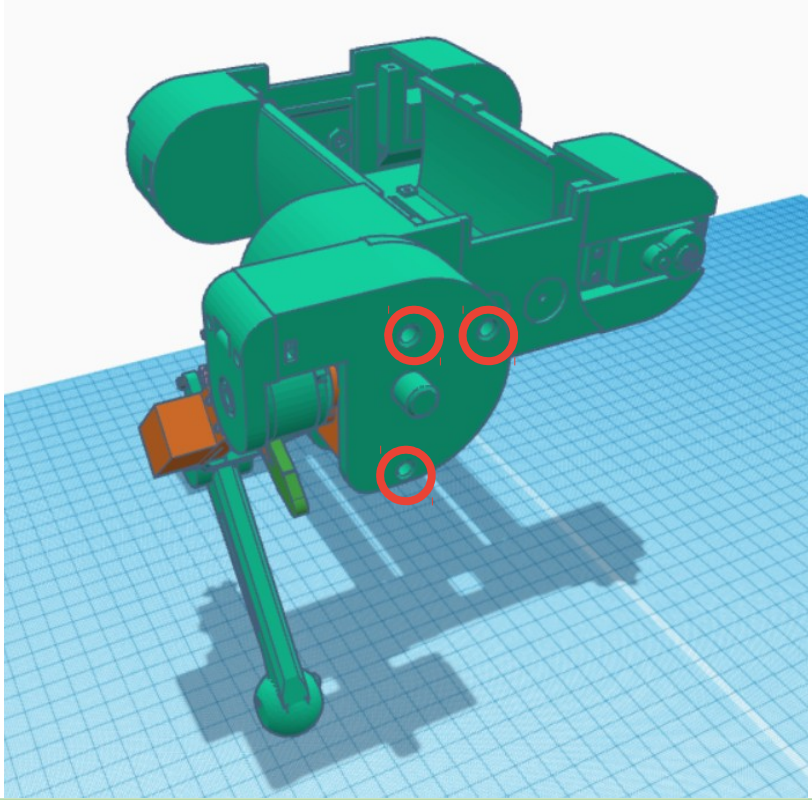
- Add the M3 screw nuts into the shoulder groove



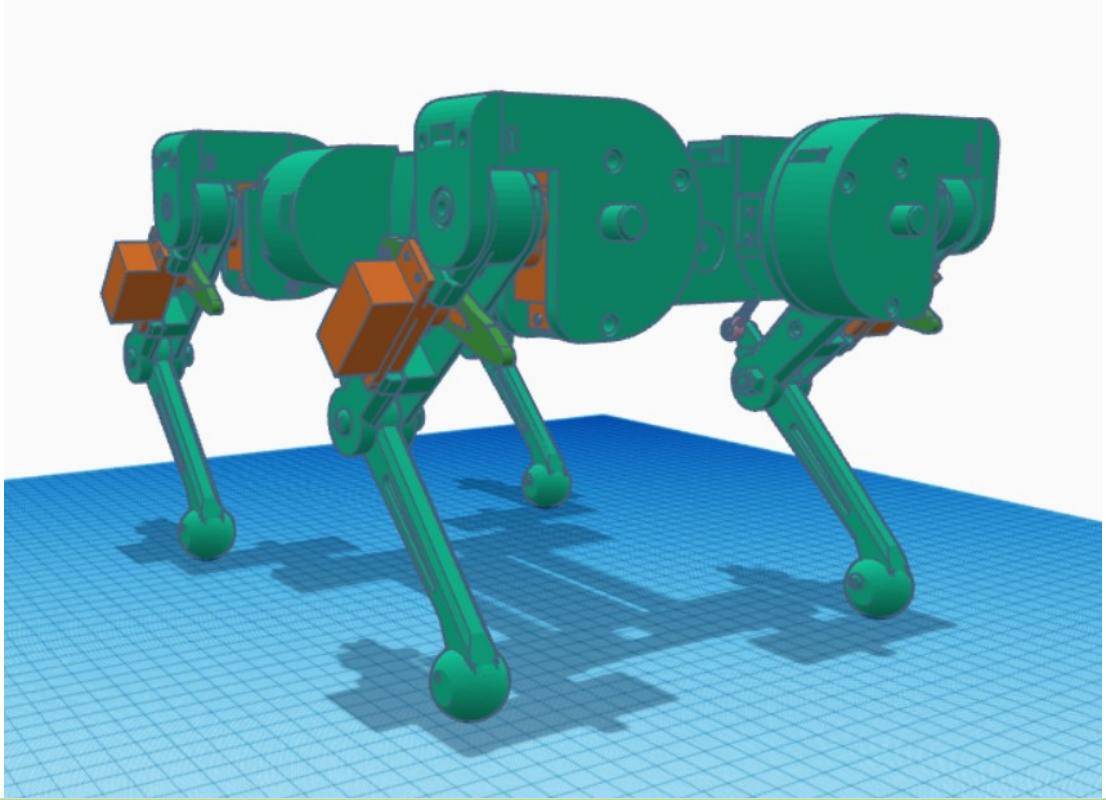
- Connect the shoulder with the body



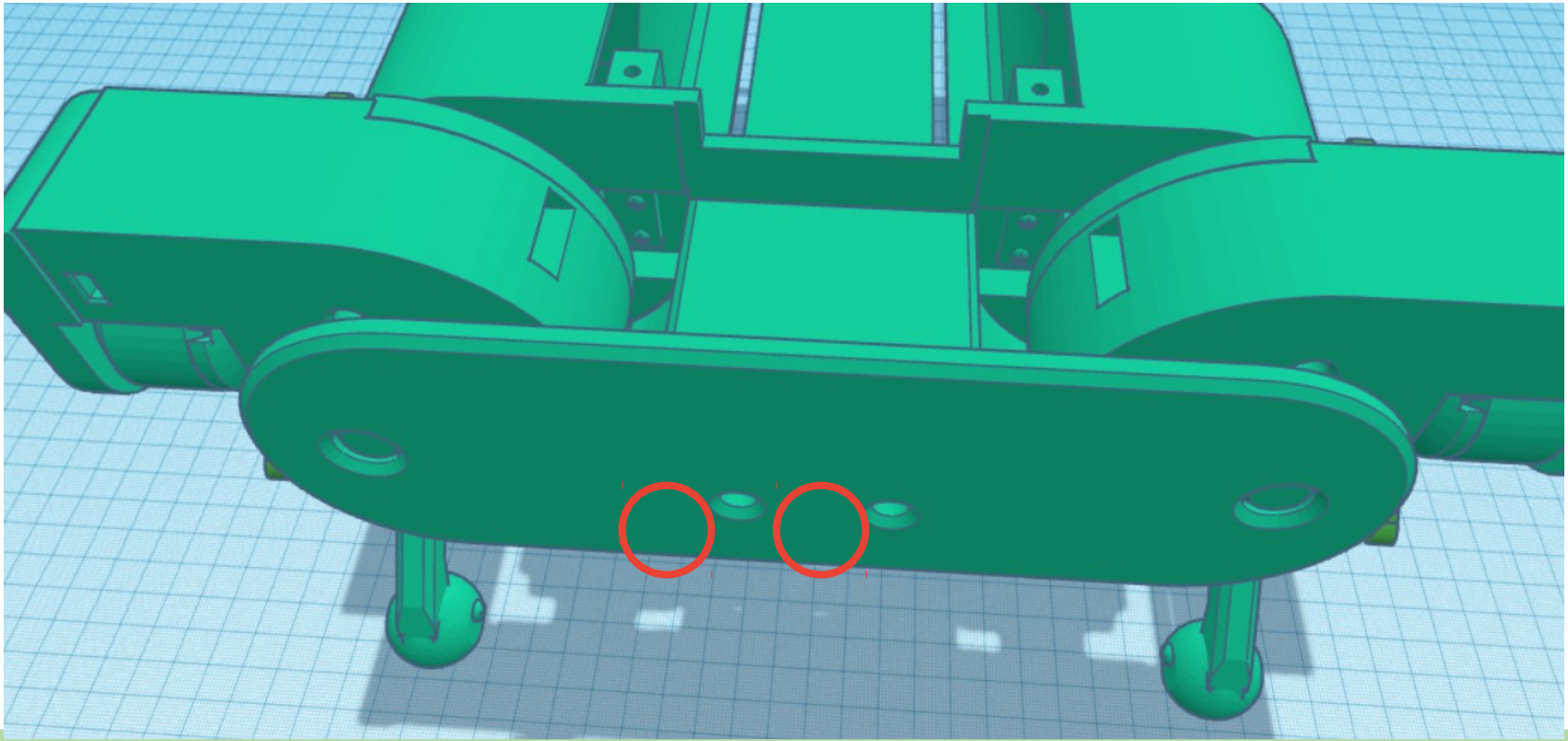
- Screw the shoulder with the leg



- Repeat the same step to finish the remaining legs



- Screw the body bumper with body



- Done!