

DESIGN CHALLENGES

3D printed parts

- When items are printed, they come out with slightly different dimensions than they had in SolidWorks
- This means when designing parts to fit inside one another, the dimensions of the joining elements must be adjusted accordingly

Torque of the servos and stepper motor

- The stepper motor and servos are limited in their capabilities, they cannot be overloaded
- Components must be as light as possible so they can be effectively moved

