

## Sequence of assembly

### 1. assemble differential gear

- 1.1 place ball bearing on gearbox\_pin\_outside (2x)
- 1.2 place sleeve on gearbox\_pin\_outside and screw with M3x12mm (2x)
- 1.3 connect gearbox\_left with gear\_output and gearbox\_pin\_outside with screw M3x8mm
- 1.4 connect gearbox\_right with gear\_output and gearbox\_pin\_outside with screw M3x8mm
- 1.5 attach gear\_inside (2x) to gearbox\_pin\_inside and insert into gearbox\_left
- 1.6 put silicone grease on the gears and screw both halves together with M3x14mm (2x)

### 2. complete axle

- 2.1 put ball bearing on pin (2x)
- 2.2 insert pin into sleeve (2x)

### 3. install axle

- 3.1 place axle on bottom\_part and check the positions of the ball bearings. if necessary, move the pin slightly in the square.
- 3.2 place the upper bearing shell parts bearing\_shell\_right, bearing\_shell\_left and bearing\_shell\_outside (2x) on the ball bearings.
- 3.3 place the top\_motor\_bracket and connect it with the M3x16mm screws (8x).

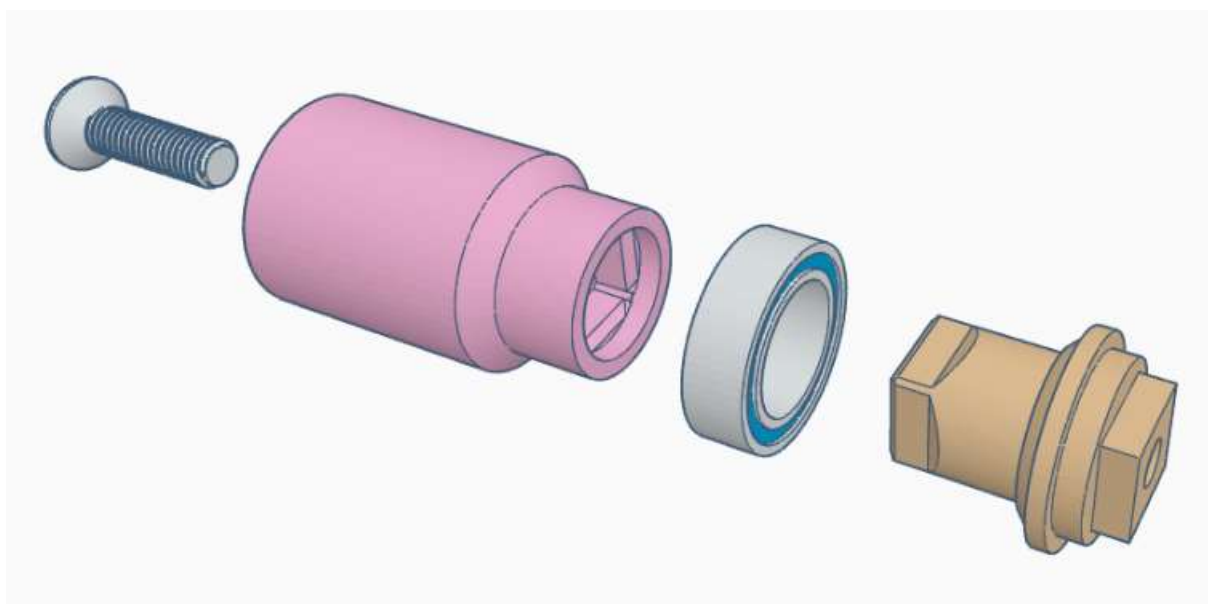
### 4. assemble the drive

- 4.1 place the gear with the supplied components (motor elements) on the motor and connect with washer and nut M5.
- 4.2 insert the motor diagonally with the protruding threaded piece into the top\_motor\_bracket guide and press down.
- 4.3 Fasten the motor with the M3x5mm screws (or screws supplied). pay attention to the cable routing.

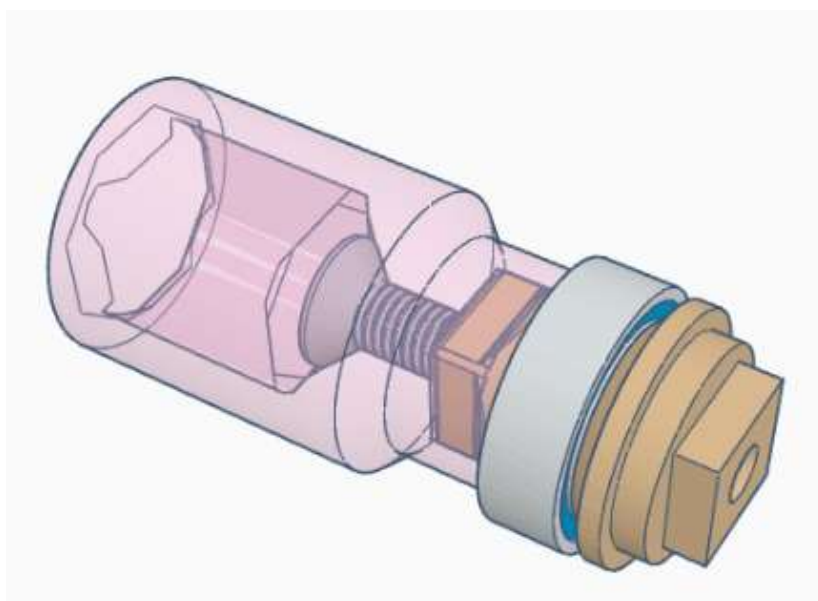
### 5. finish the rear drive section

- 5.1 mount the tires on the rims, put them on the pin and screw them with screw M3x25mm (2x)

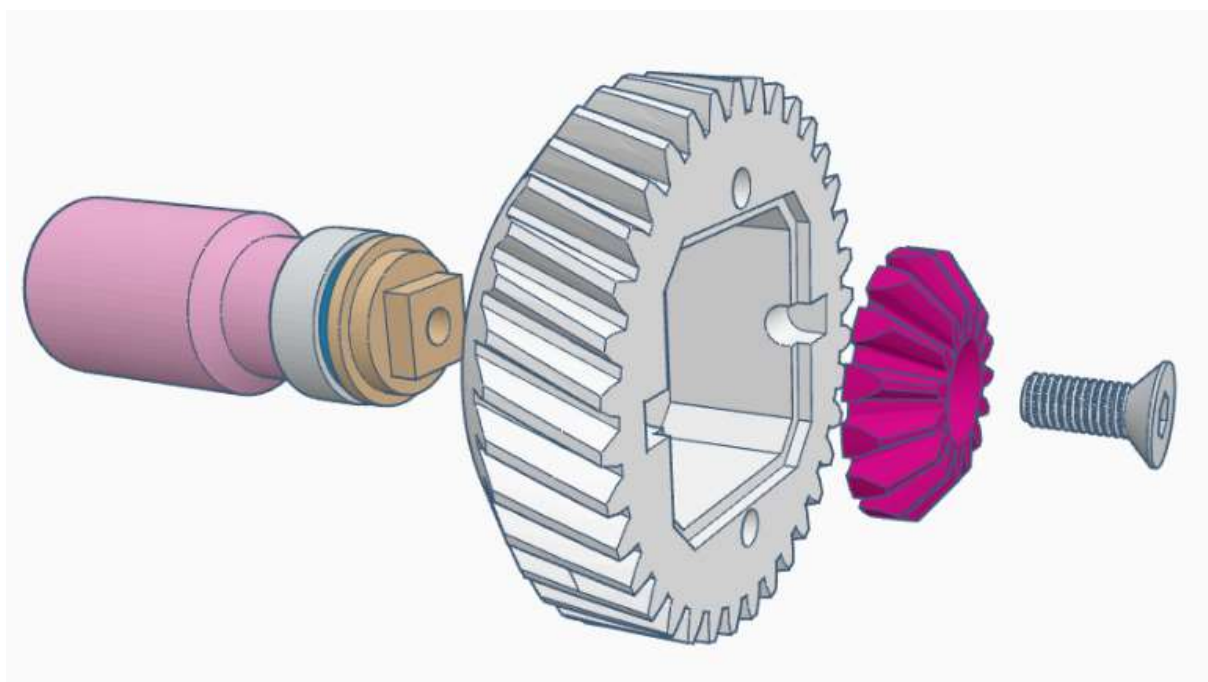
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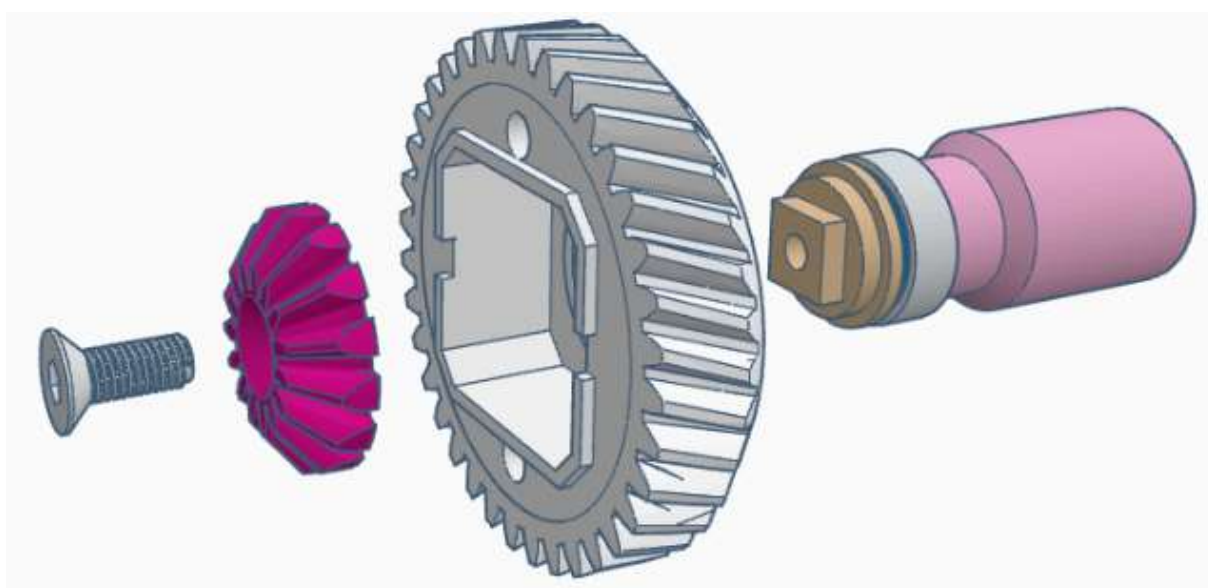
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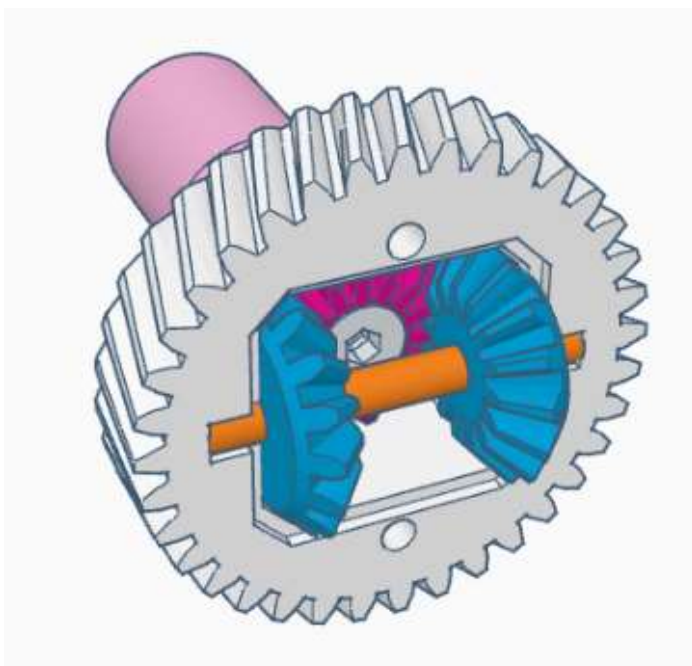
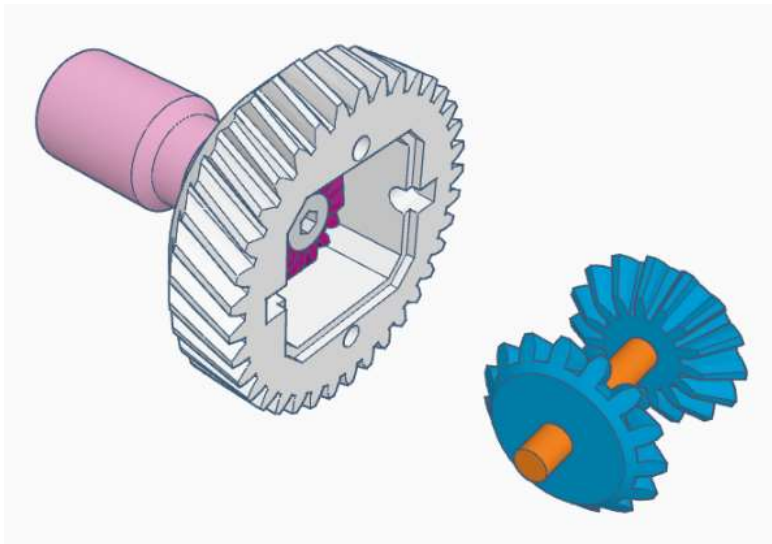
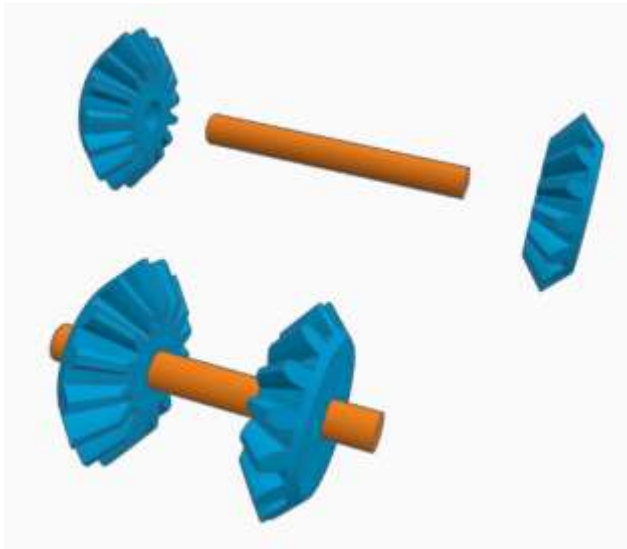
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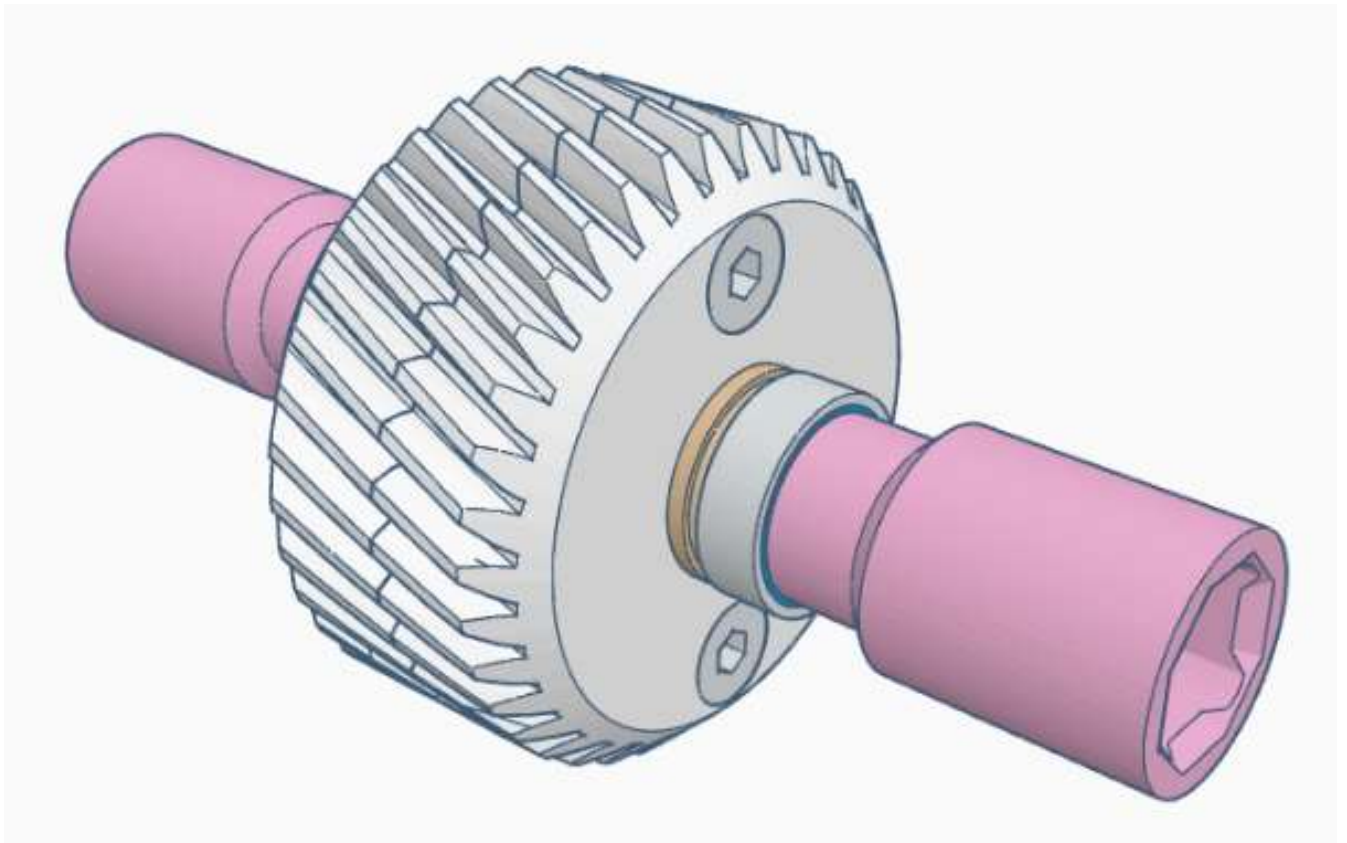
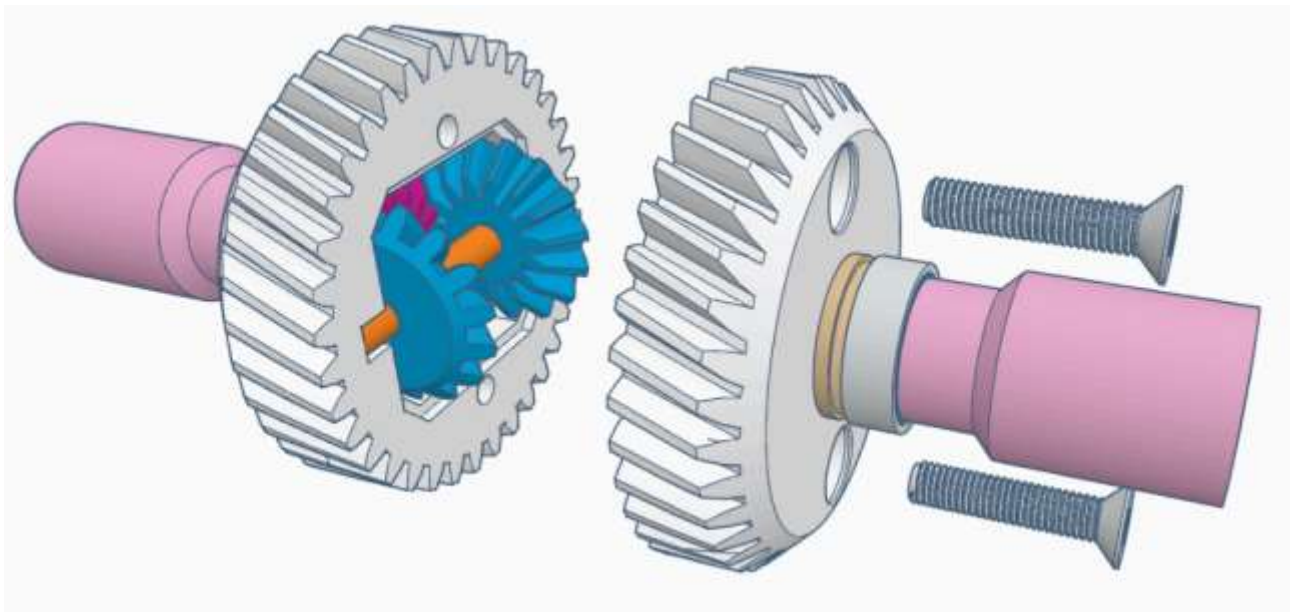
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1.5

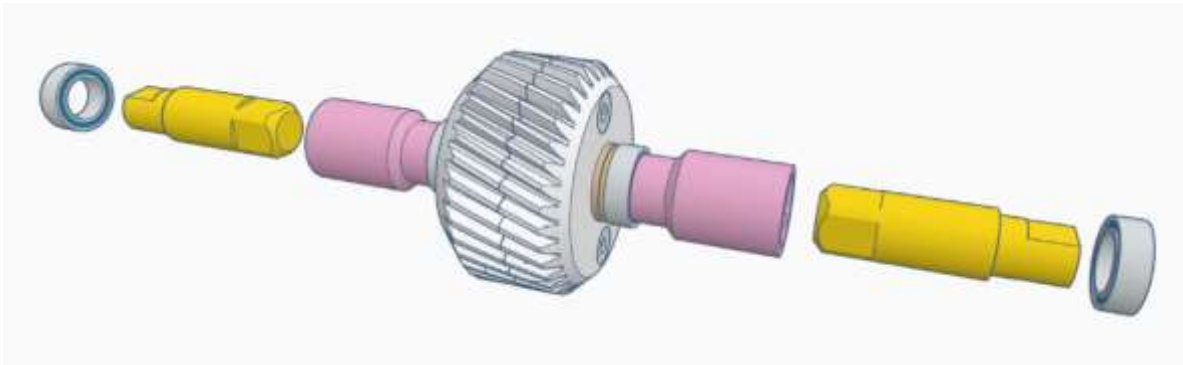


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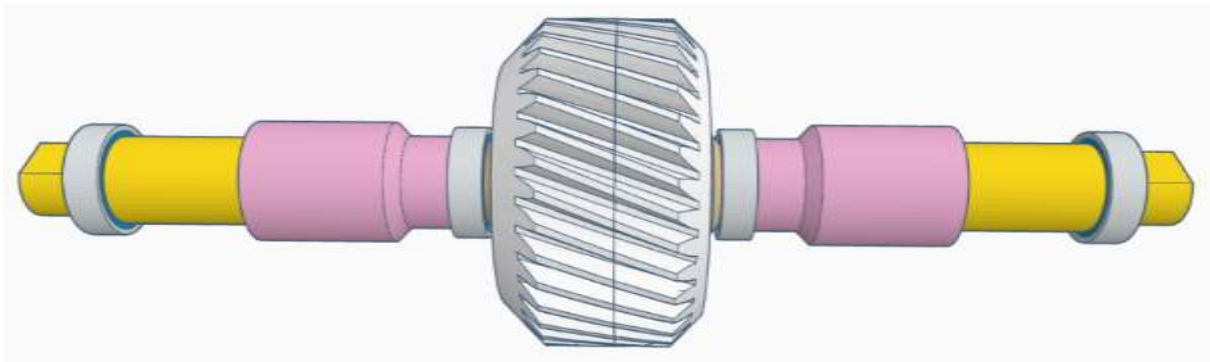




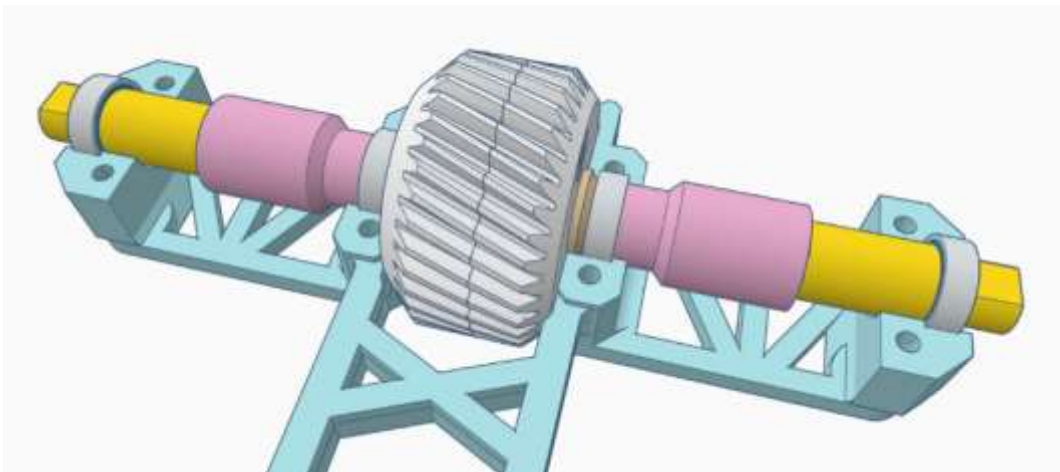
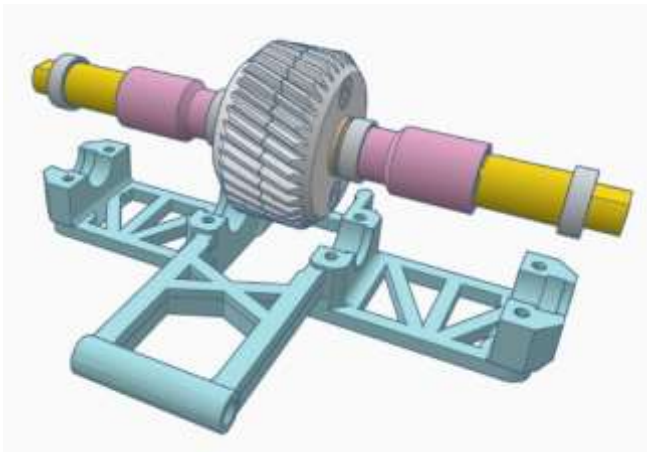
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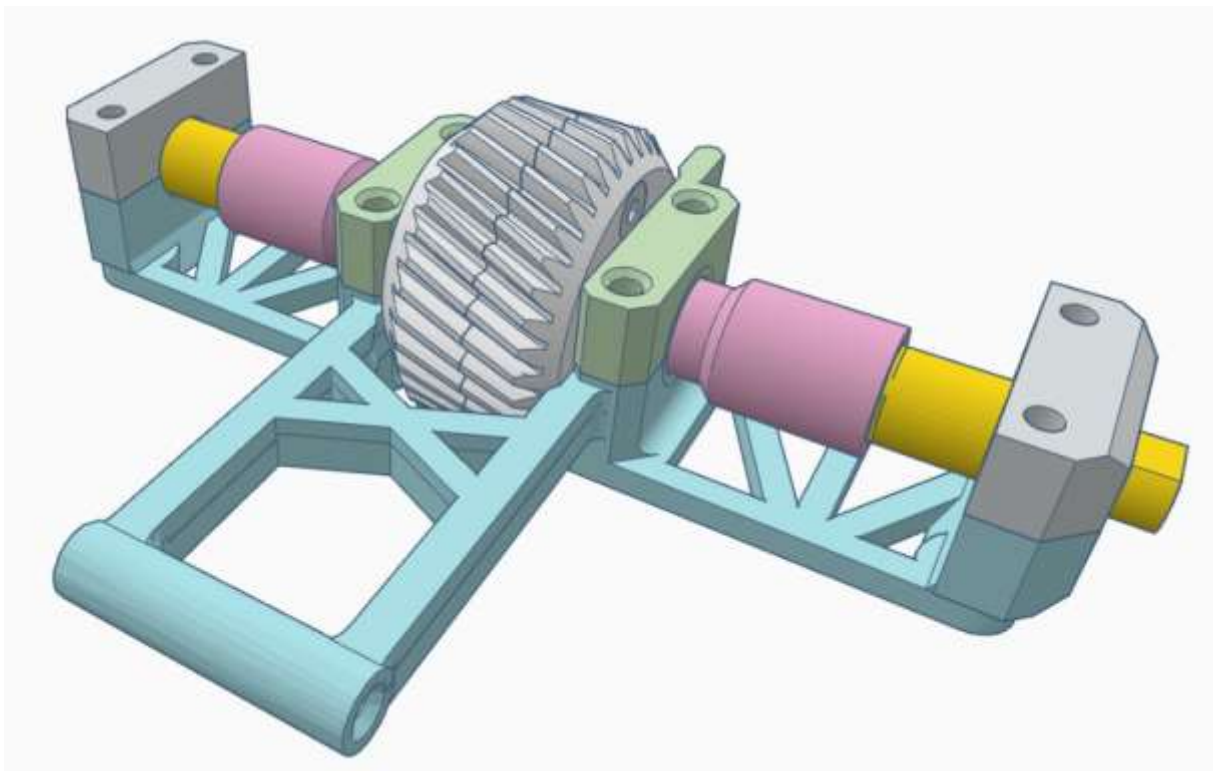
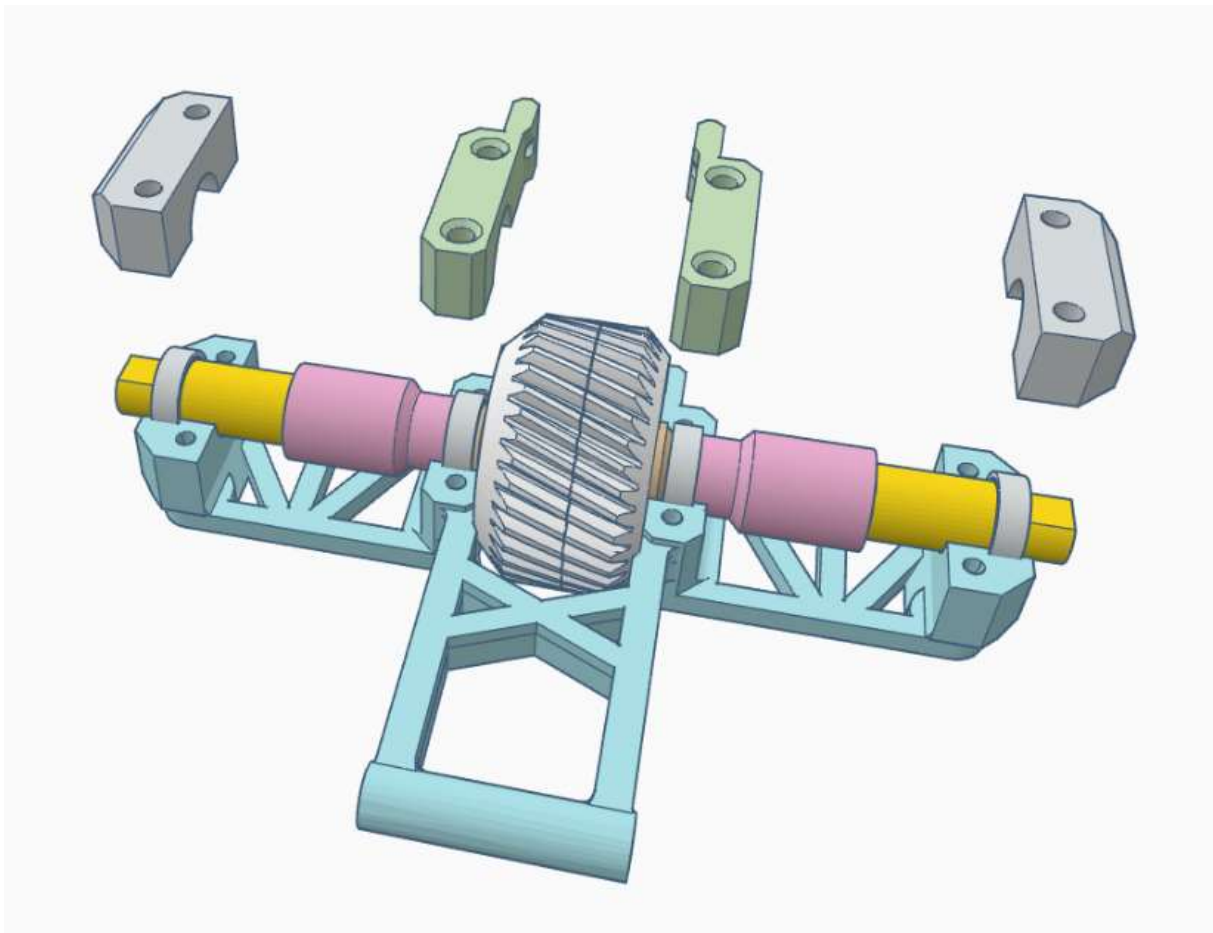
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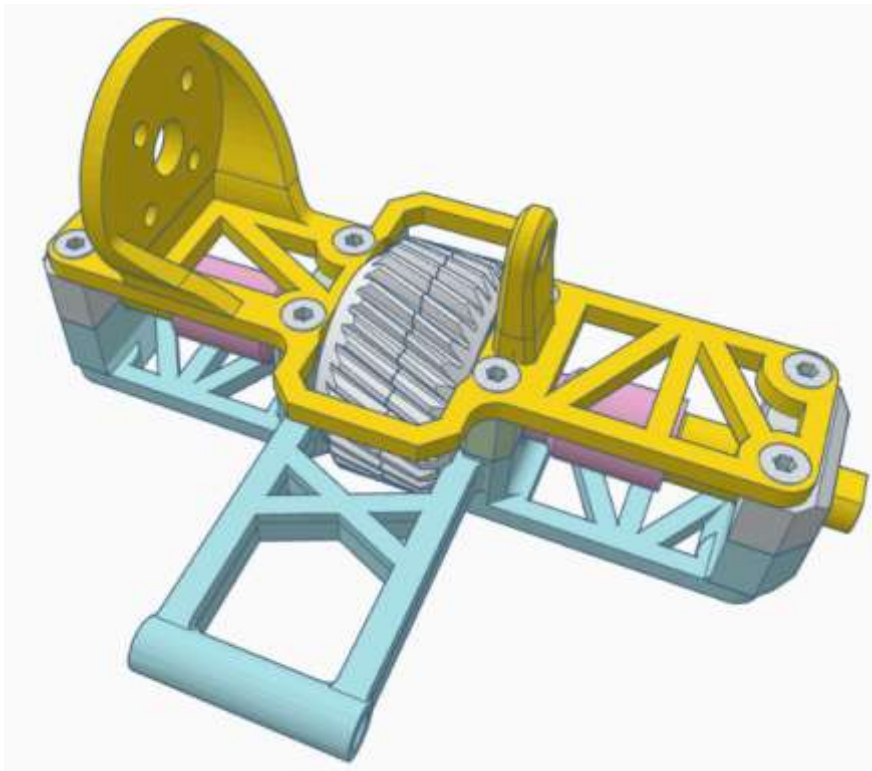
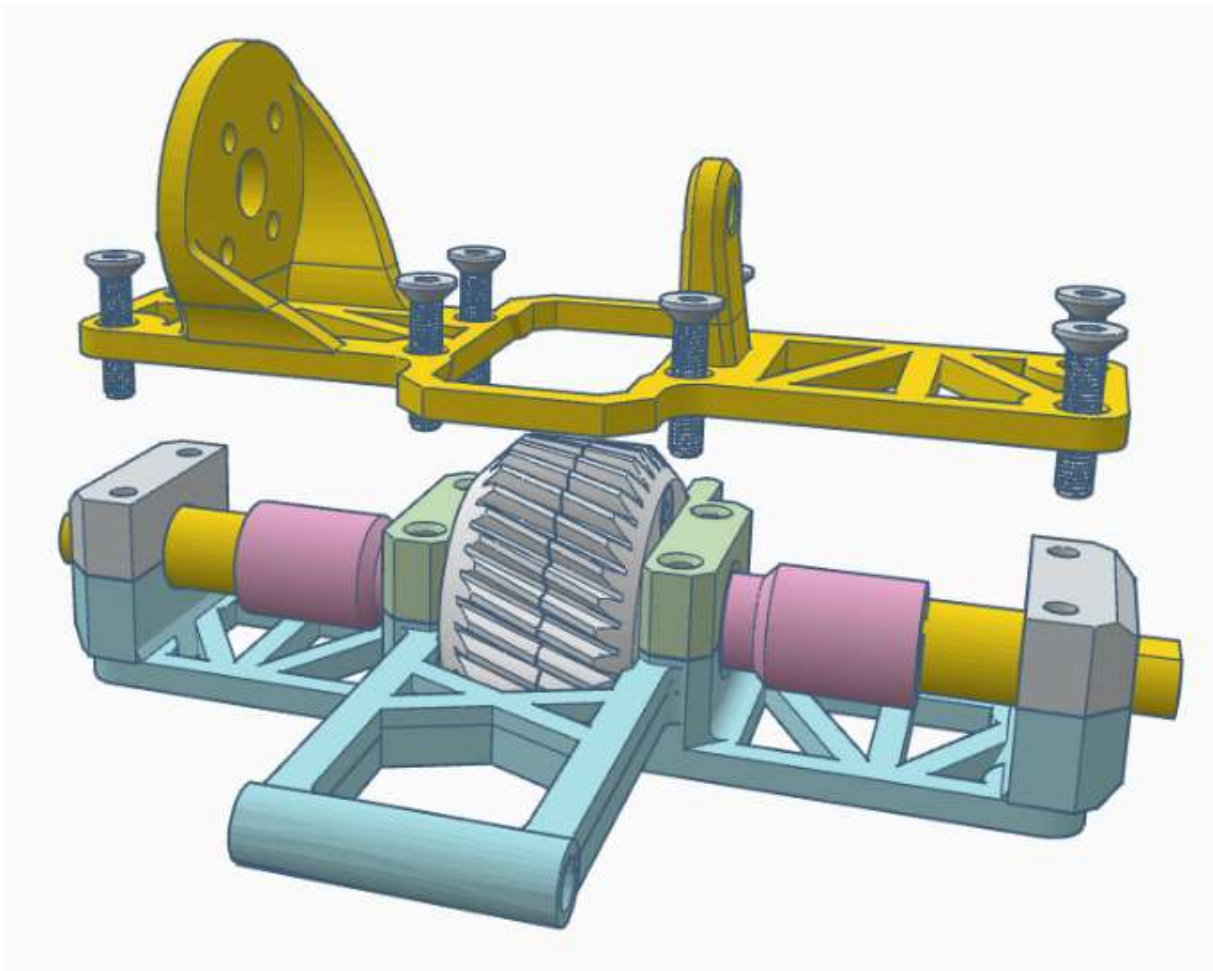
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3.2

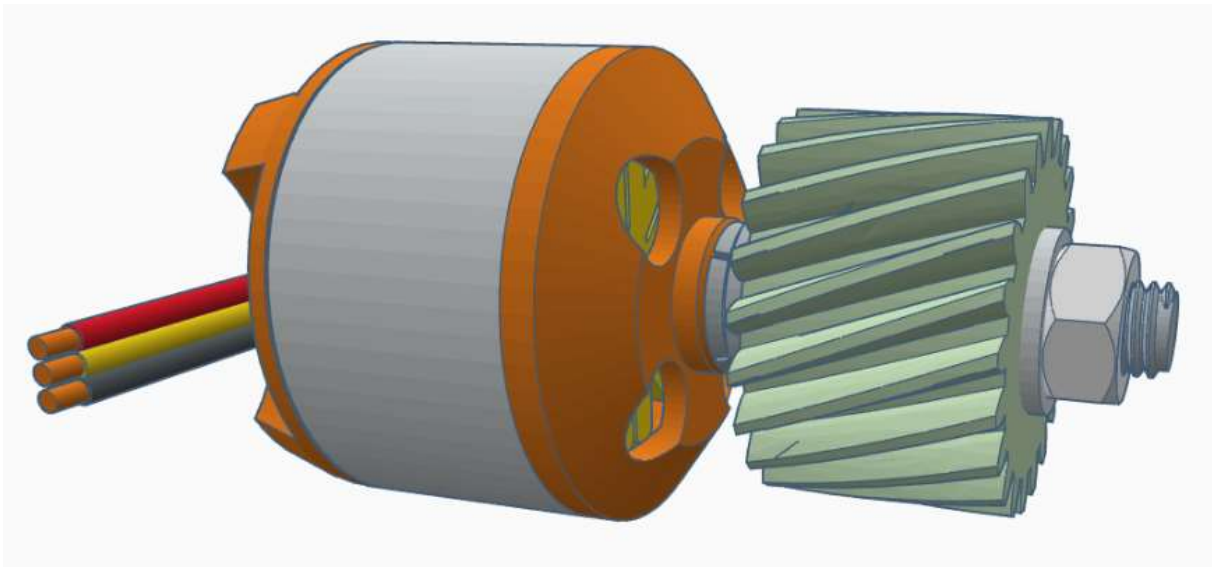
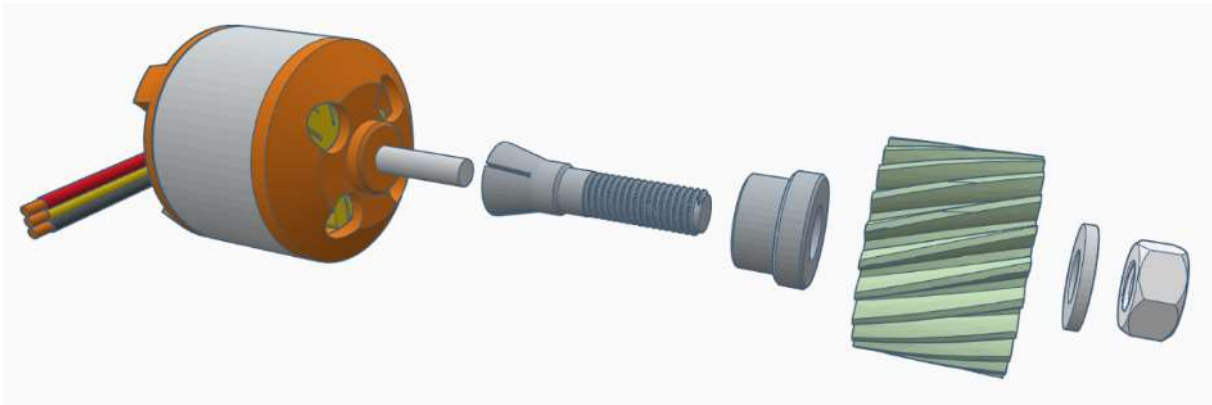


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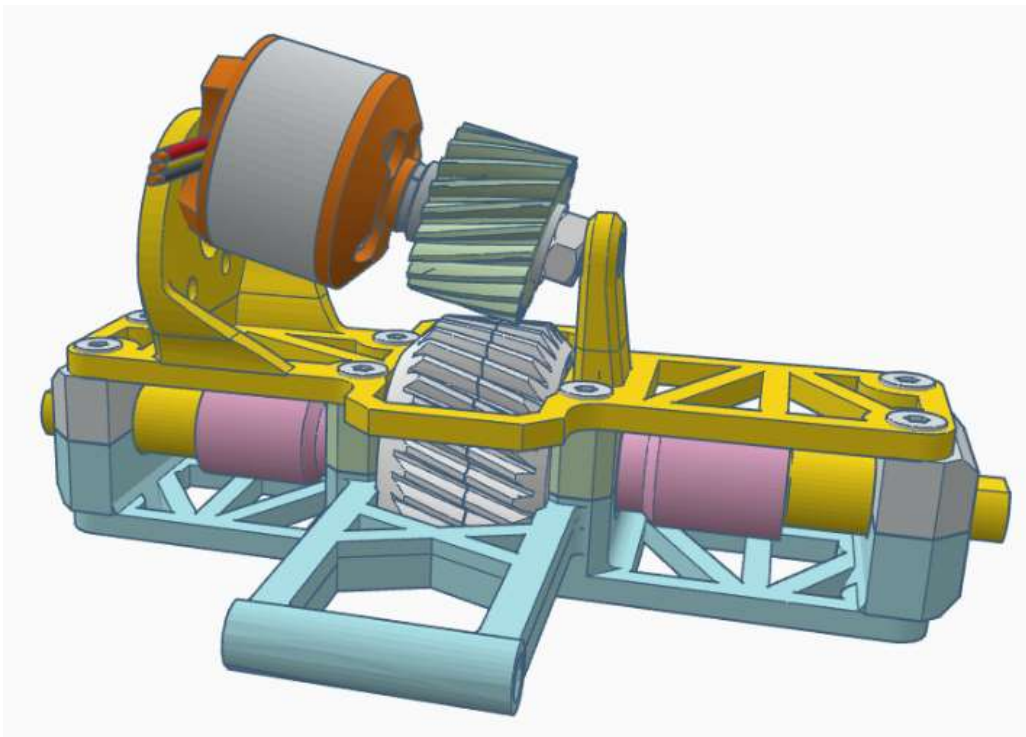




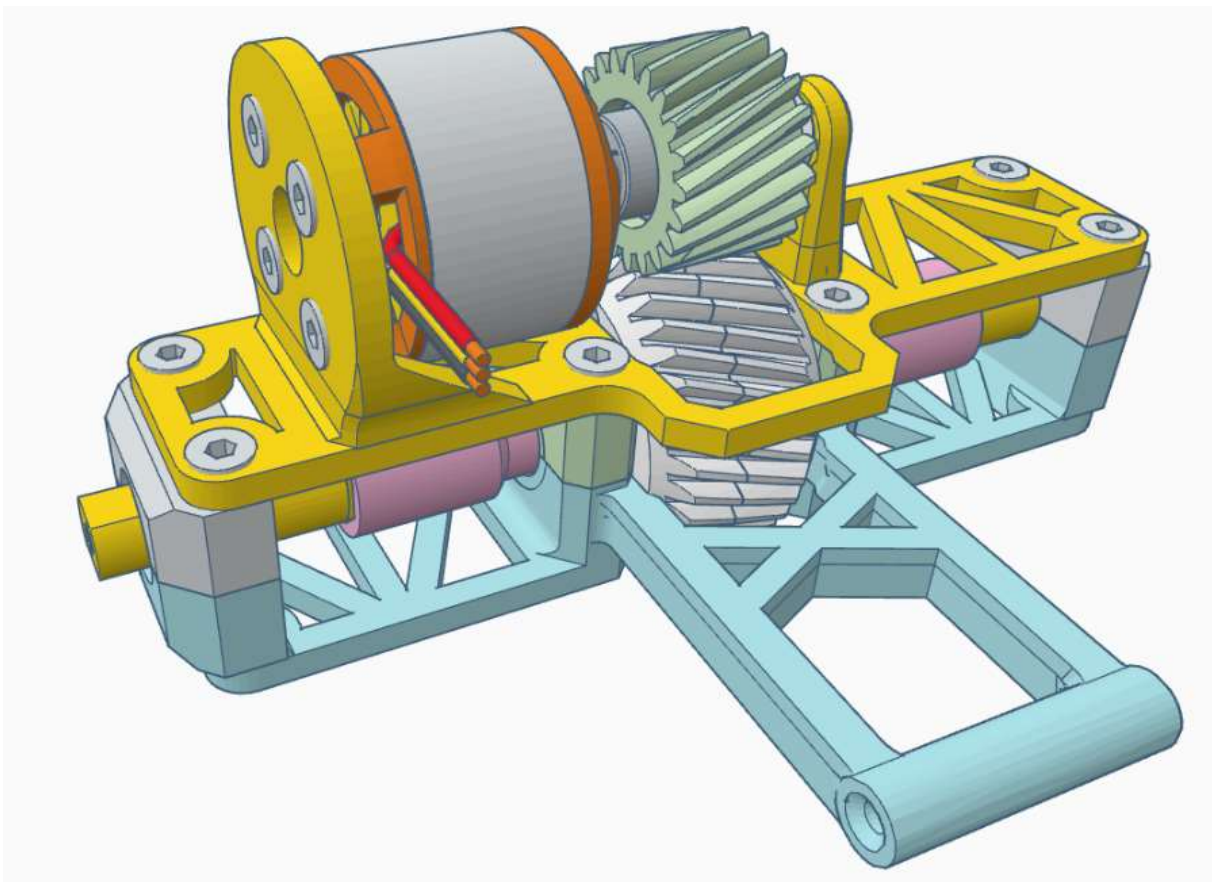
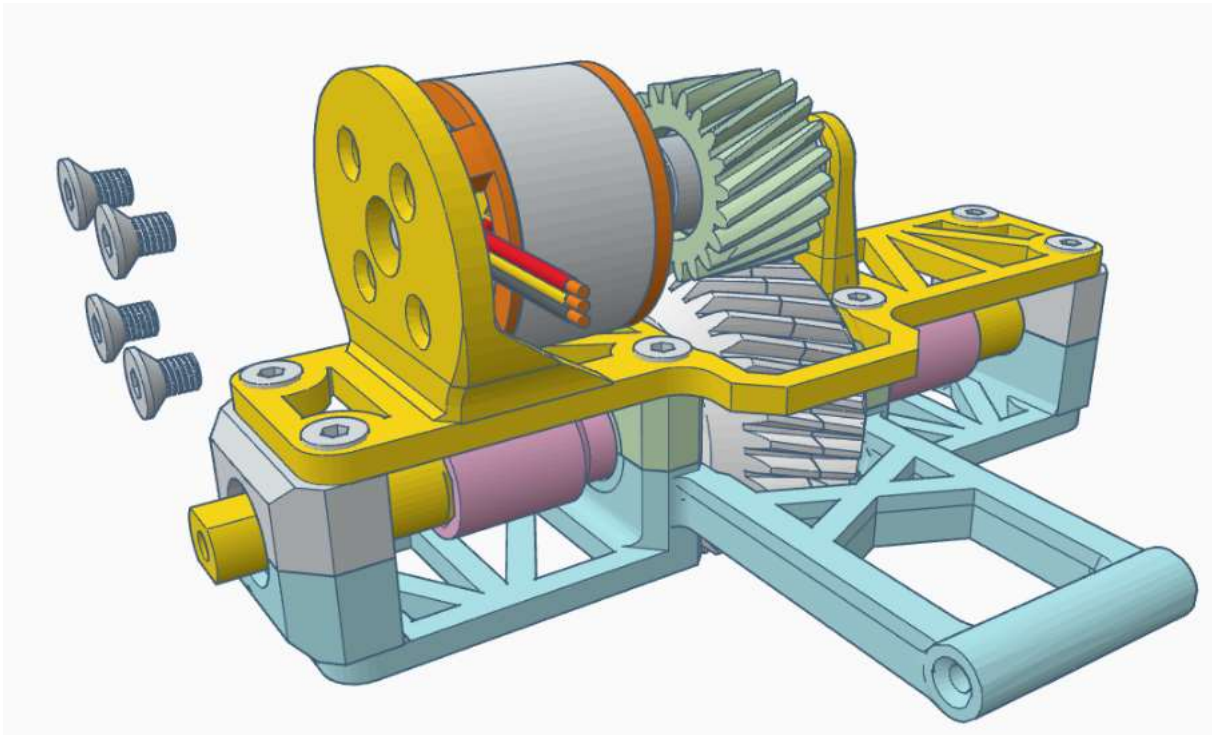
4.1



4.2



4.3



5.1

