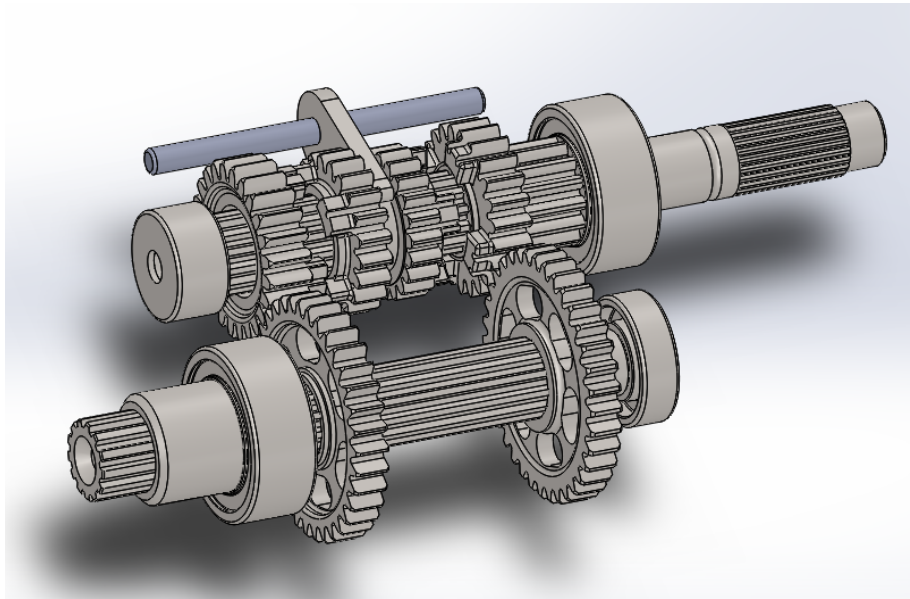
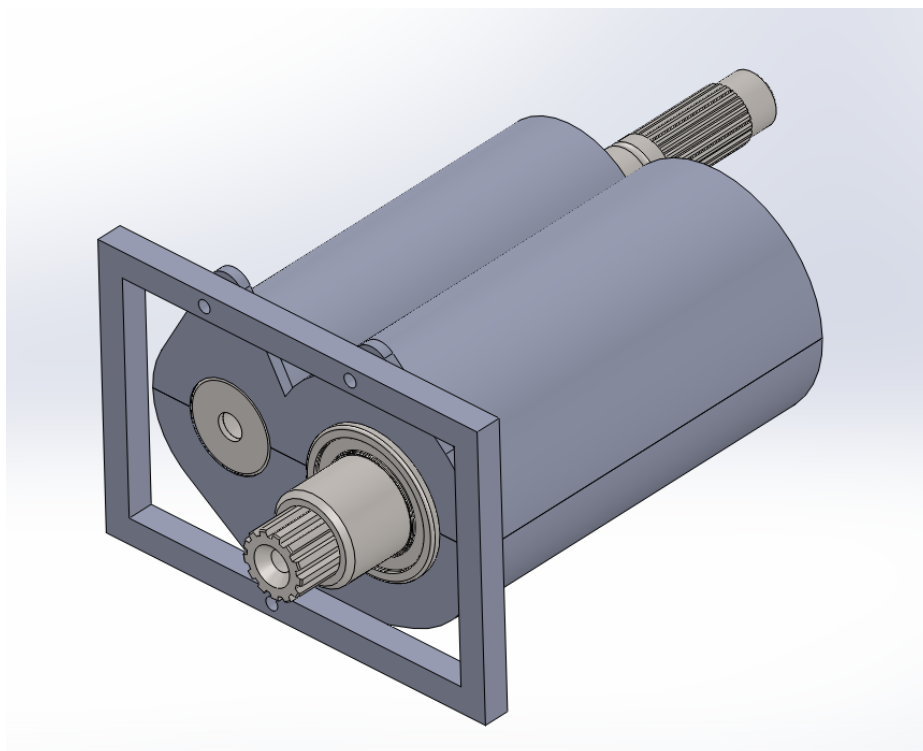


Gearbox Assessment Guidance



The above screen shot is a suggested assembly of the components available for download on Moodle, the final assembly and motion simulation will need to be mounted in a housing of your own design which meets the criteria listed below so some items may need to be adjusted.

The maximum size your housing can be is 100 x 140 x 160mm, and it must mount to the frame supplied using the three mounting points as shown. The housing shown is a basic representation, marks will be given for your own designs complexity, use of features, and the use of Equations.



An example of the suggested simulation is available in the video on Moodle, marks will be given for a working simulation, consideration of mate redundancies, and analysis of the simulation with the output of the relevant graphs.

The assessment will be 2 hours long, during this 2 hours you will need to start the assembly from the beginning and produce your housing from the beginning.