WEEK 6 PRESENTATION

# LIQUID PROPULSION

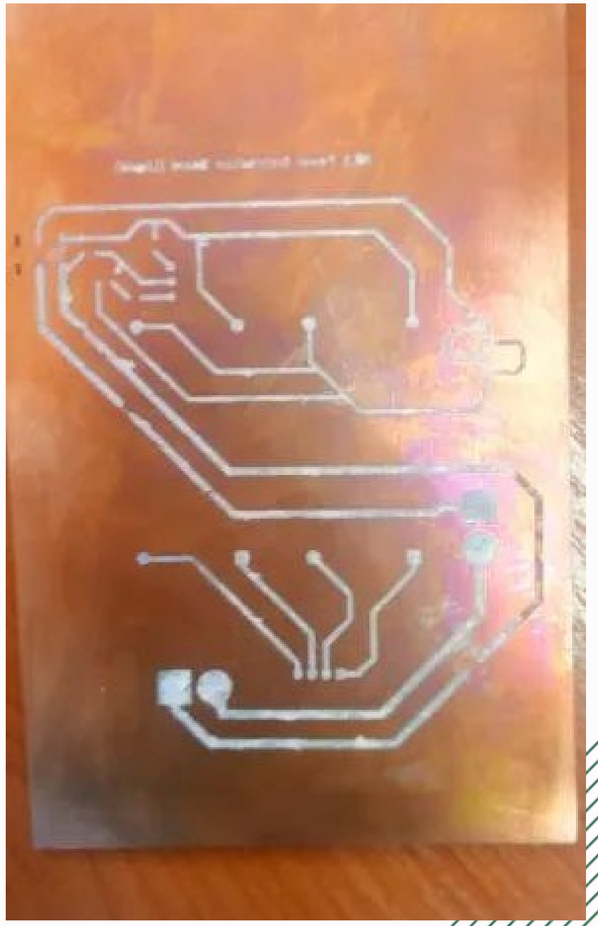
# Tasks allocated for this Week

01 Design of the test stand

02 Fabrication of control and power PCB

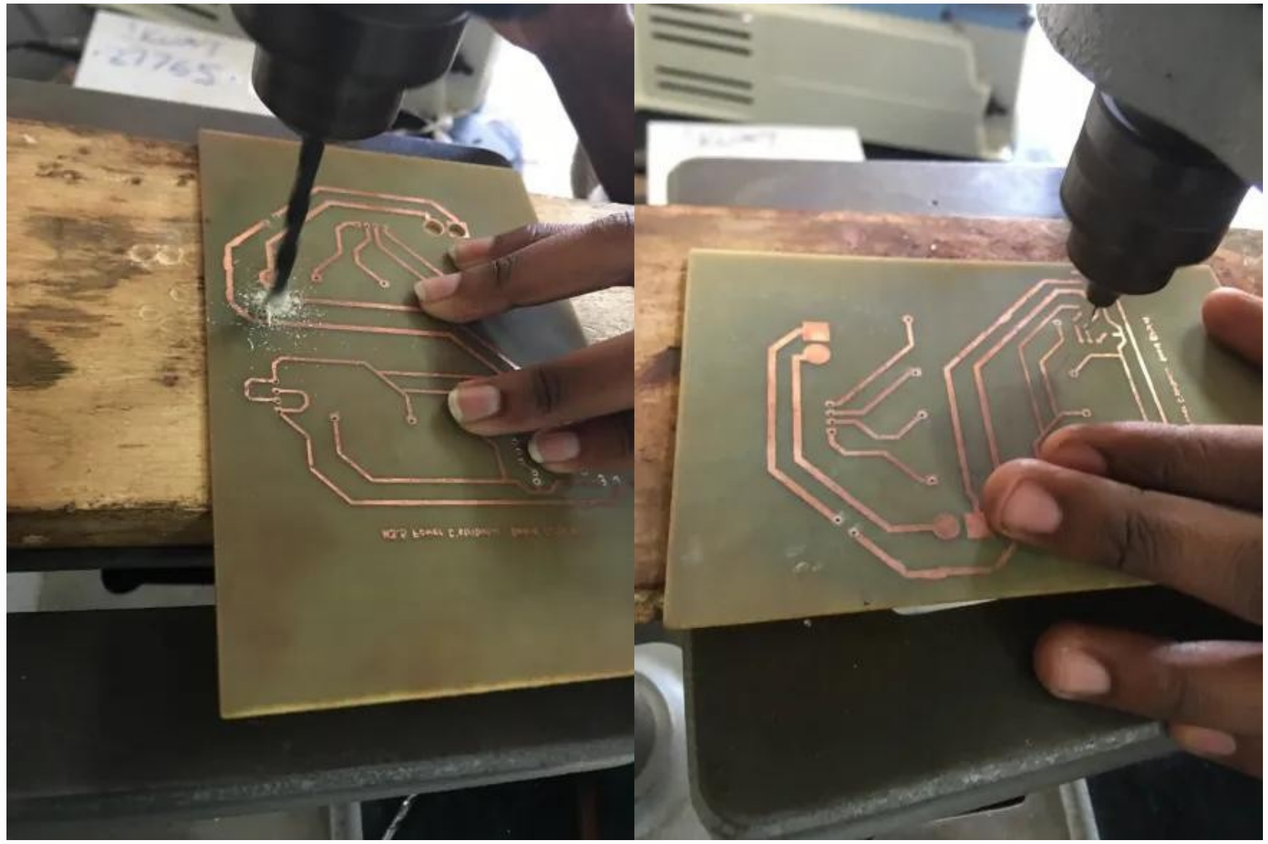
03 Testing of the new PCB

# PRINTED CIRCUIT BOARD



ETCHING

# DRILLING COMPONENT HOLES



Drilling
PCB

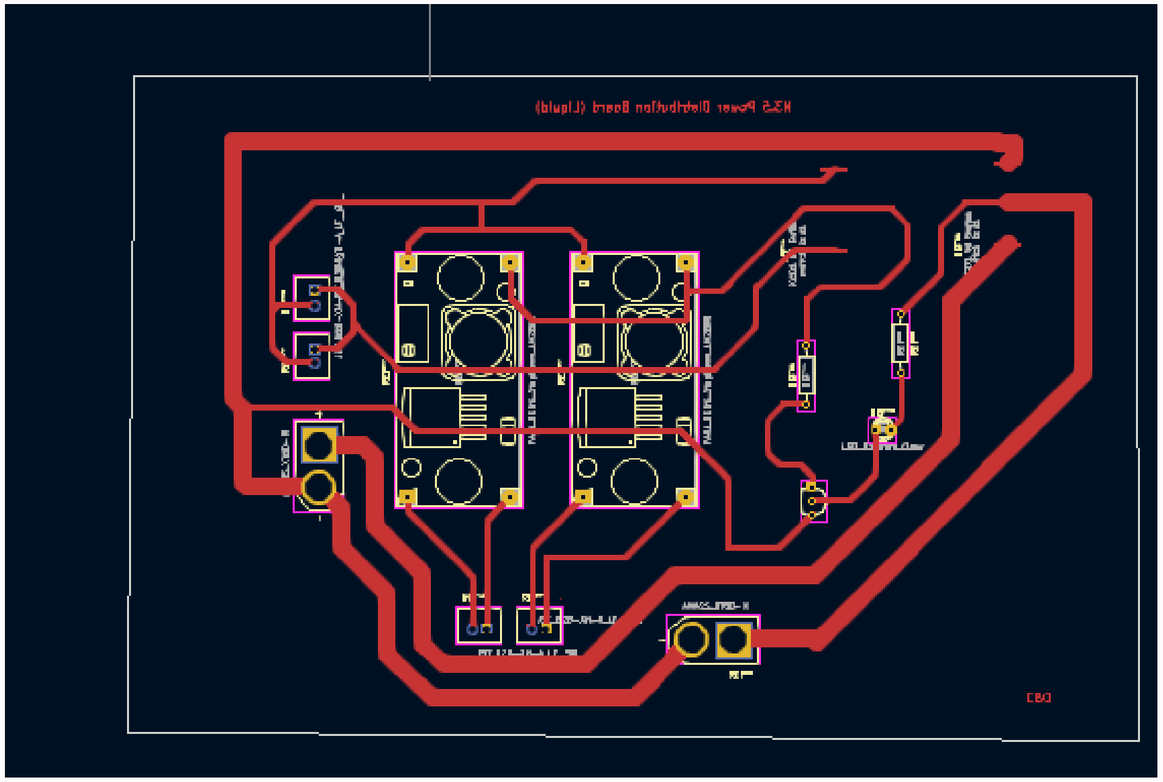
Toggle switch(MS-203)
broke upon soldering

MS-203

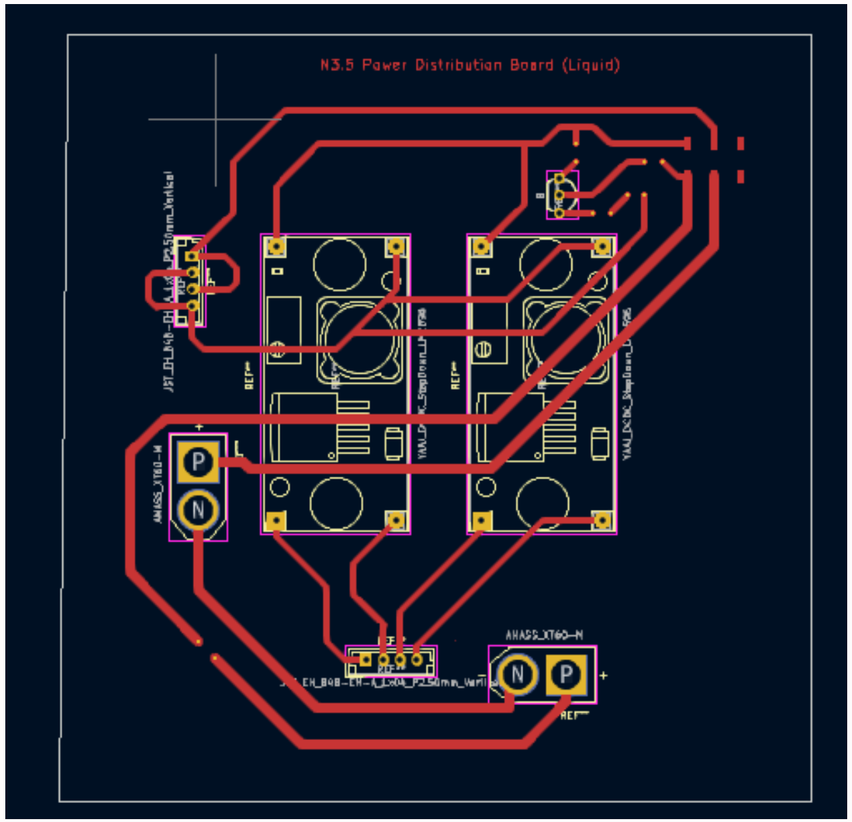
KCD
1

# INCREASING COPPER TRACE

Increasing copper trace size from 1.5 to 3mm.



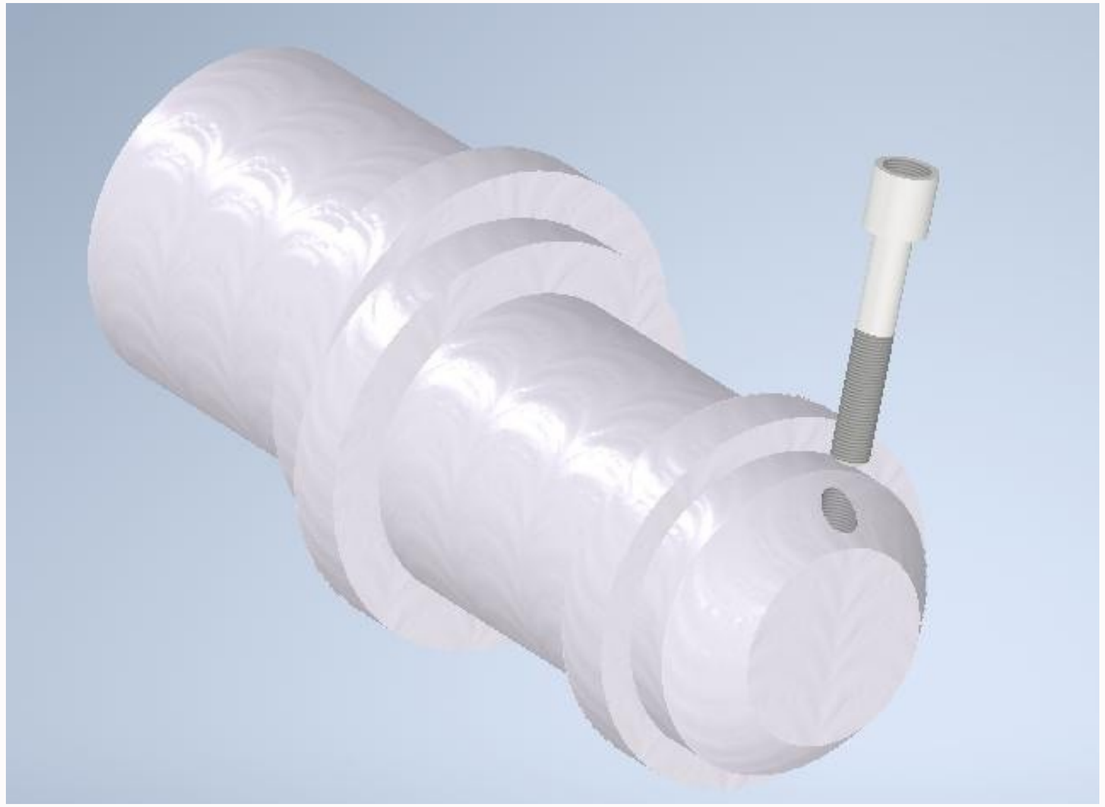
New

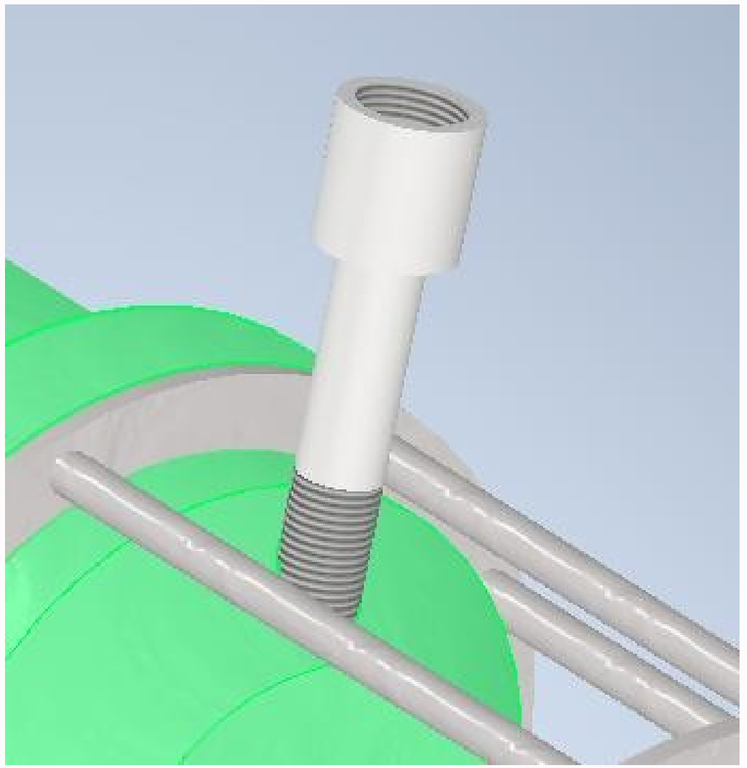



Previous

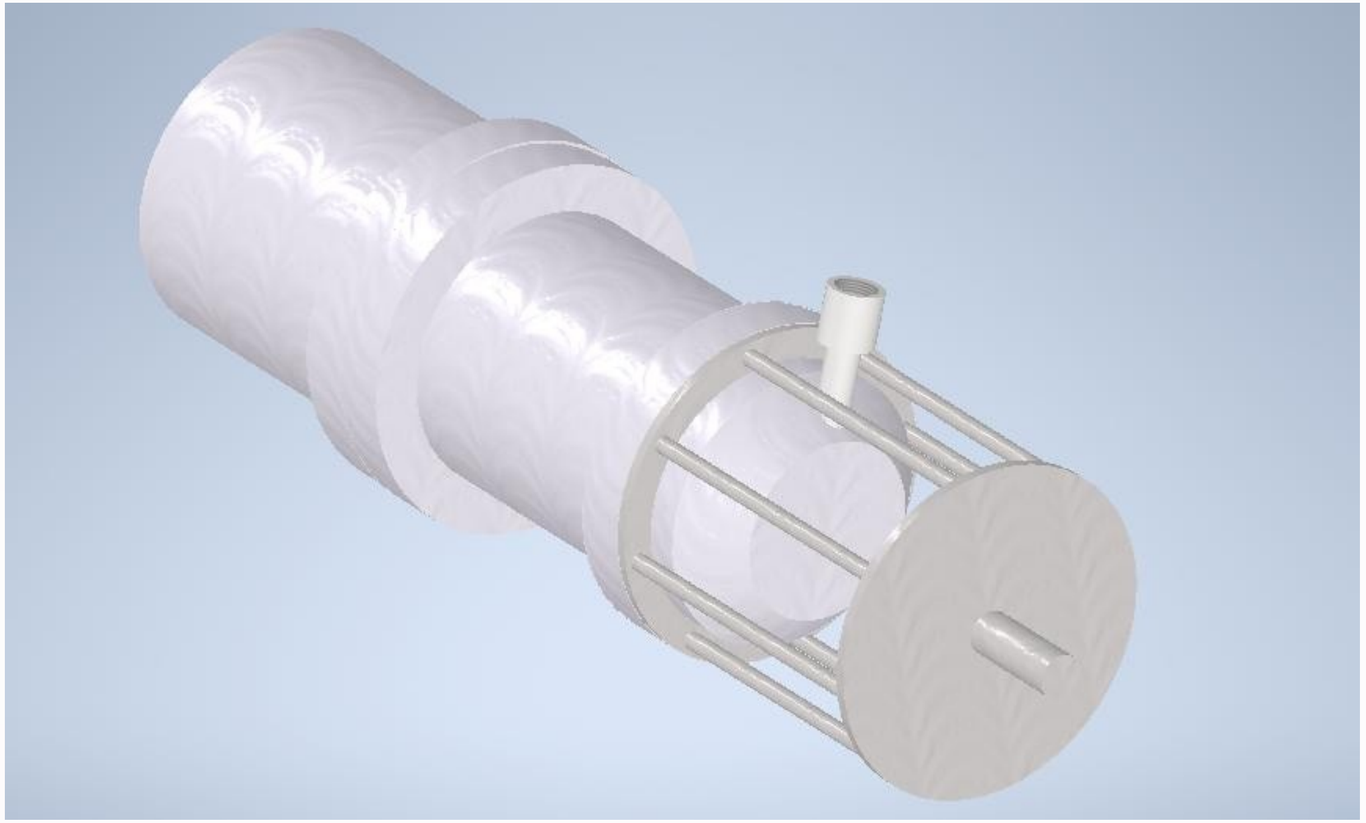
# Fitting Adapter into engine

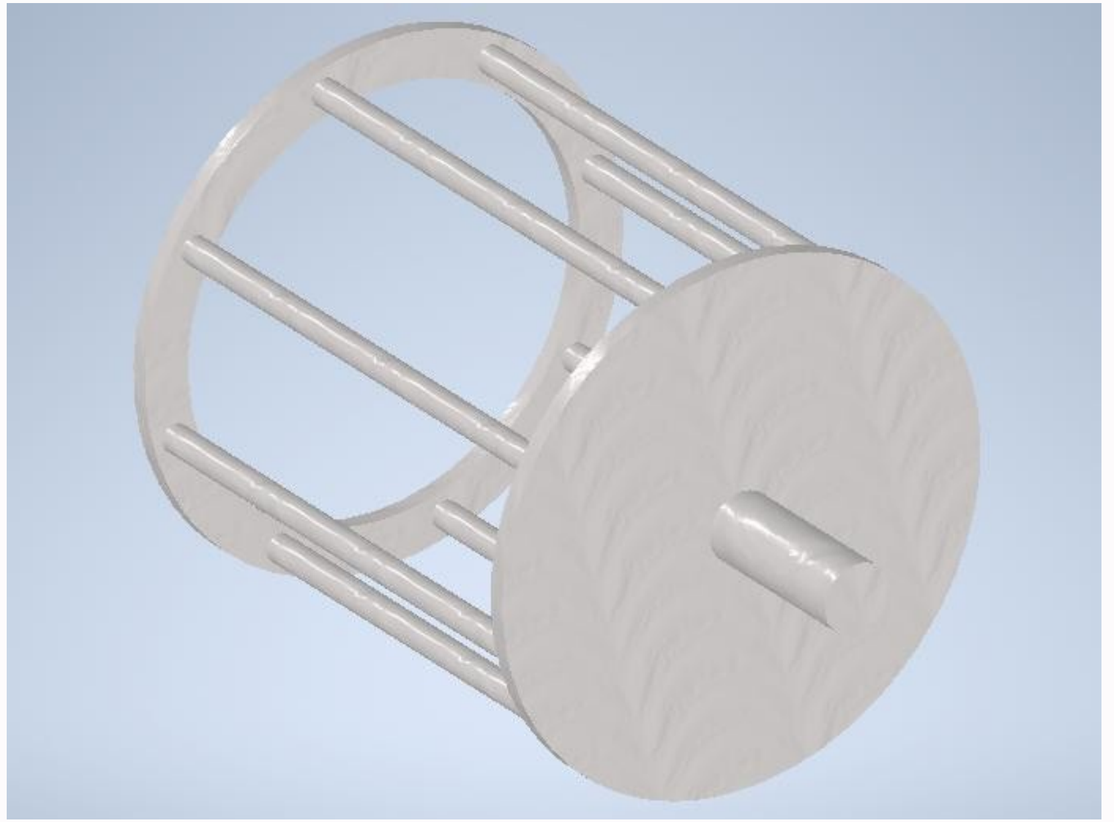
Brainstormed different ways of fitting the adapter into the engine chamber.



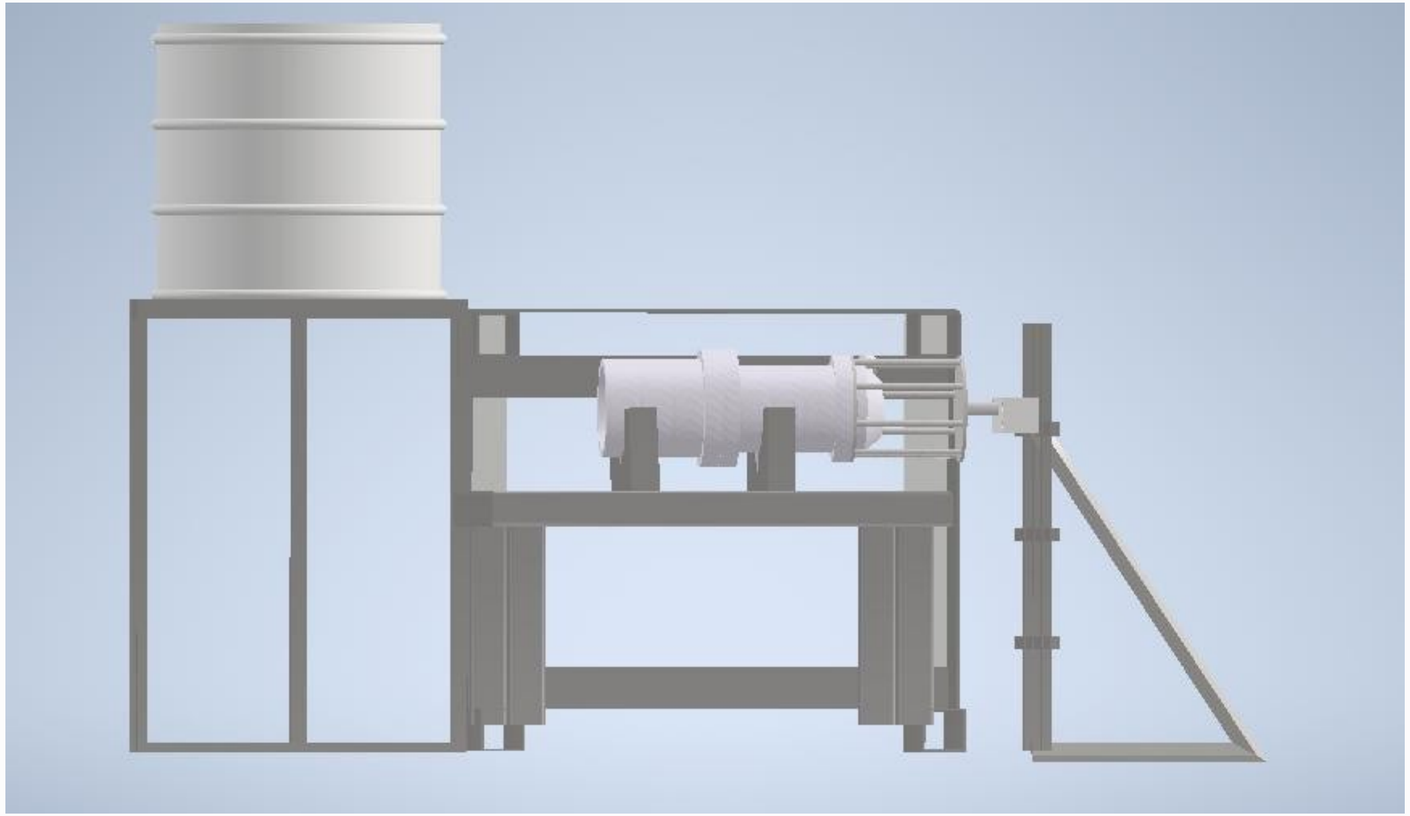


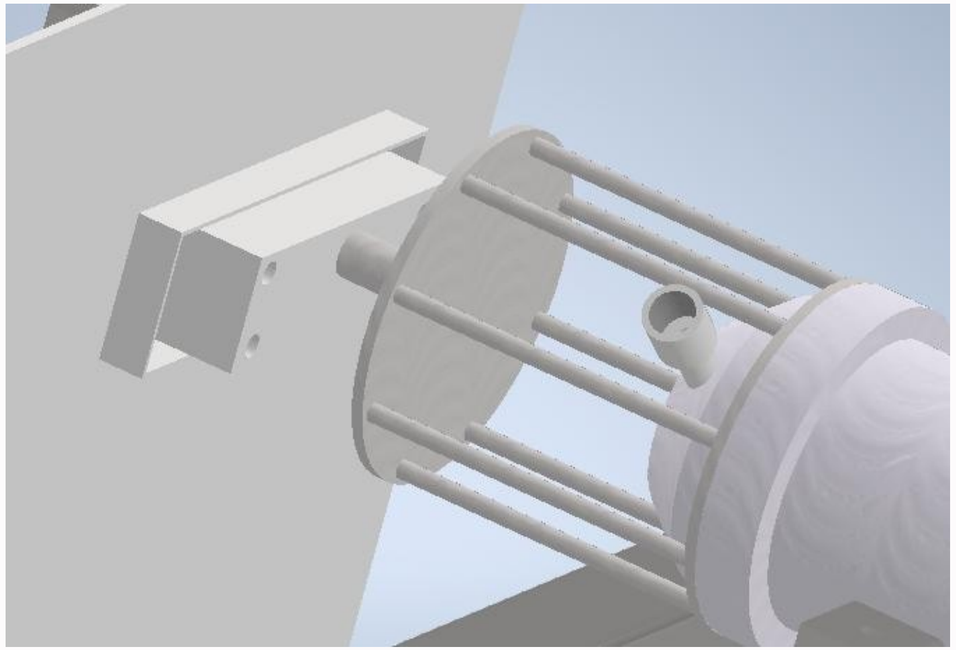
# ENGINE-LOAD CELL CONNECTOR





# COMBINED design





# WEEK 7 OBJECTIVES

SIMULATION OF TEST STAND DESIGN

RE-FABRICATION &TESTING OF POWER PCB

STORING OF SENSOR DATA

INCORPORATE FLOW SENSOR

PURCHASING OF TEST STAND MATERIALS

# THANK YOU