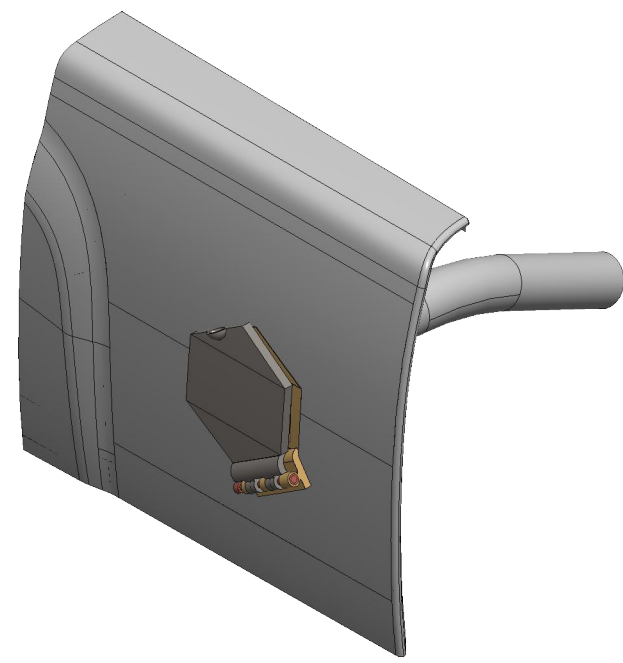
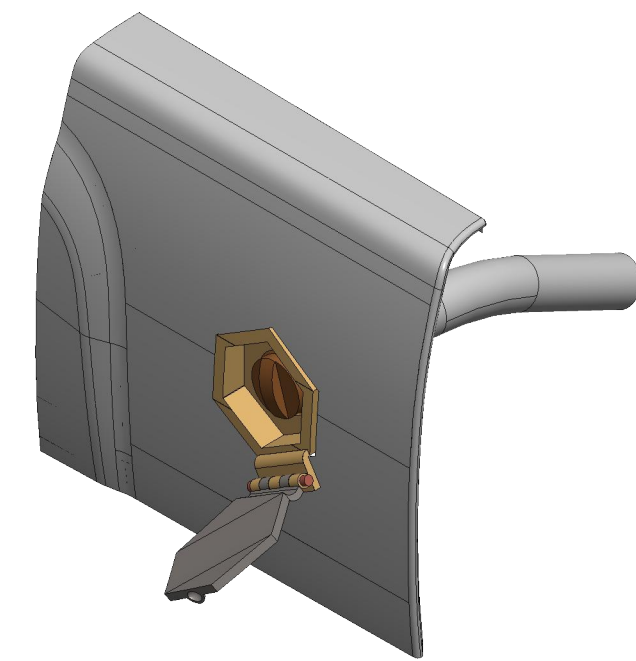


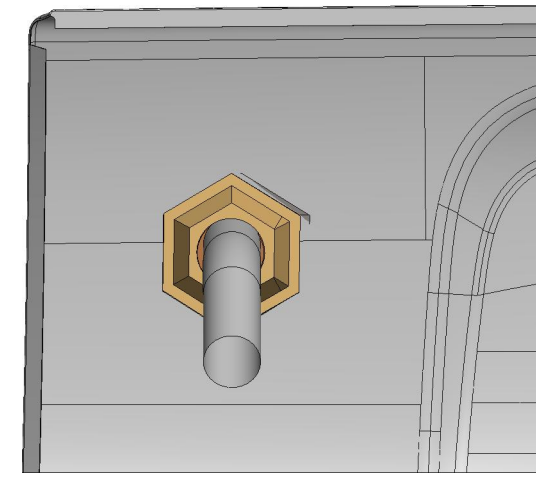
5 FUEL PANEL



DOOR CLOSED

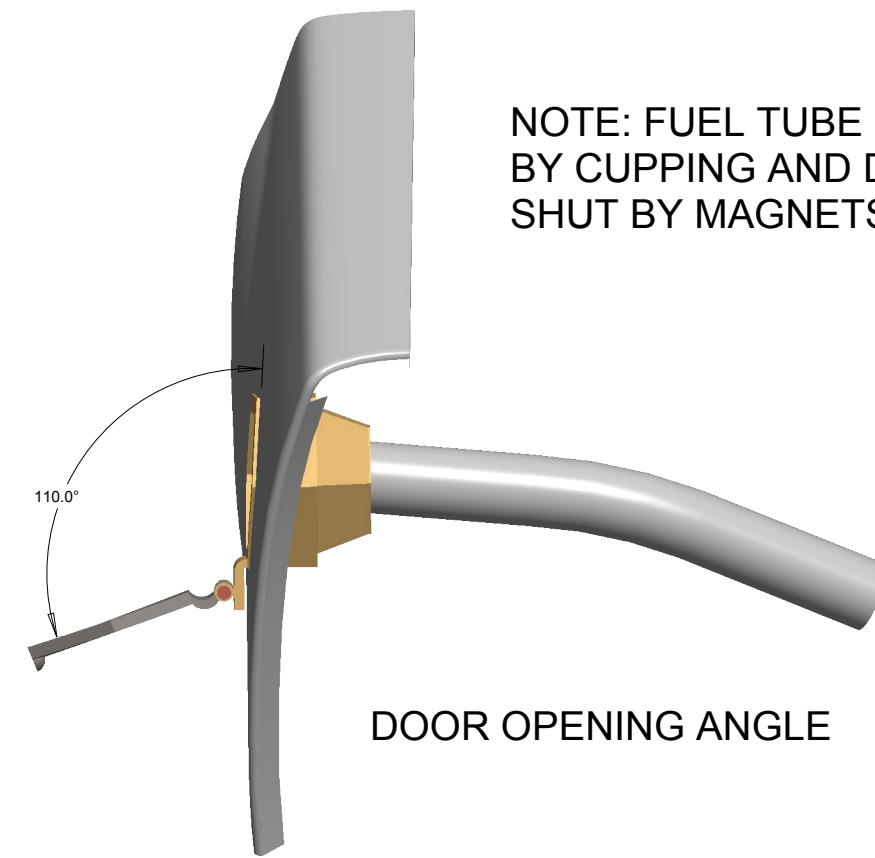


DOOR OPEN



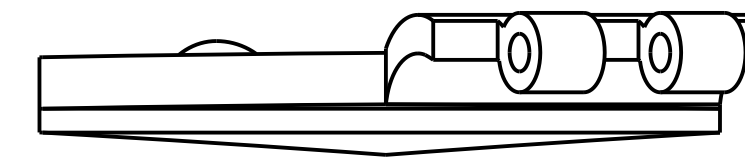
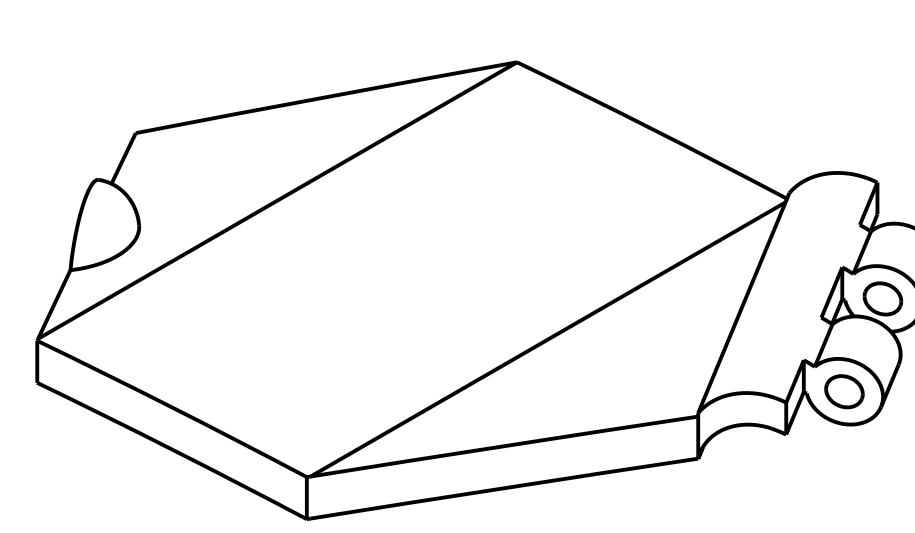
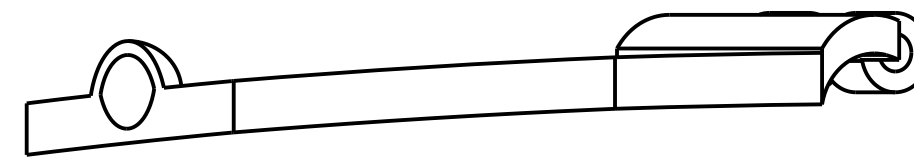
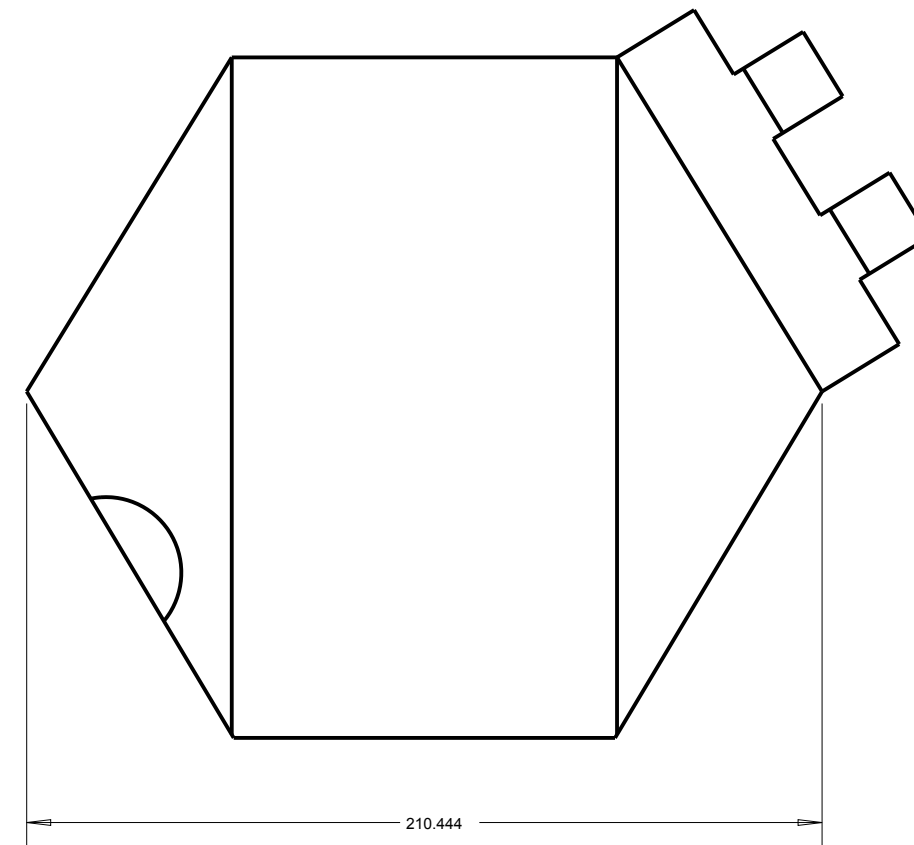
INSIDE VIEW OF CUP

NOTE: FUEL TUBE HELD SNUG BY CUPPING AND DOOR HELD SHUT BY MAGNETS

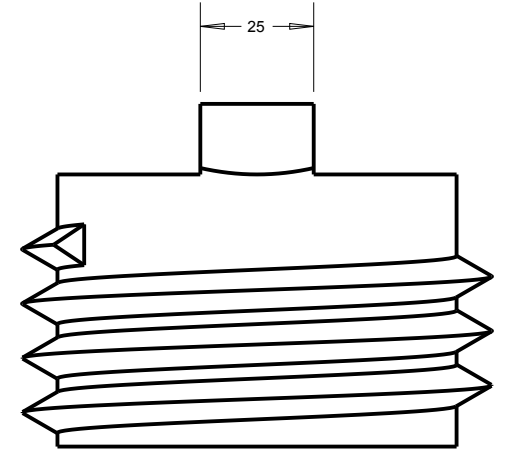
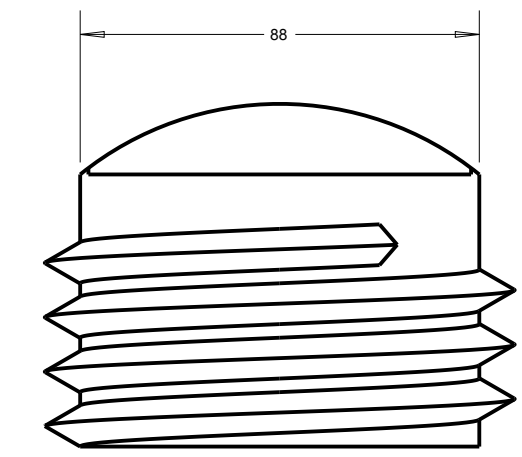
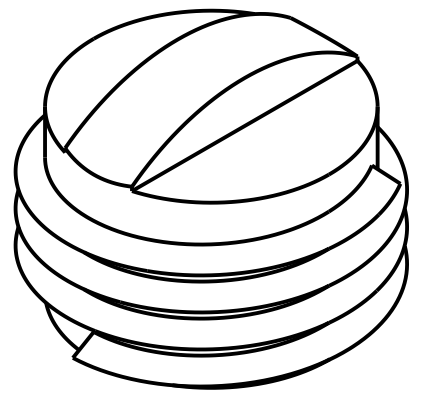
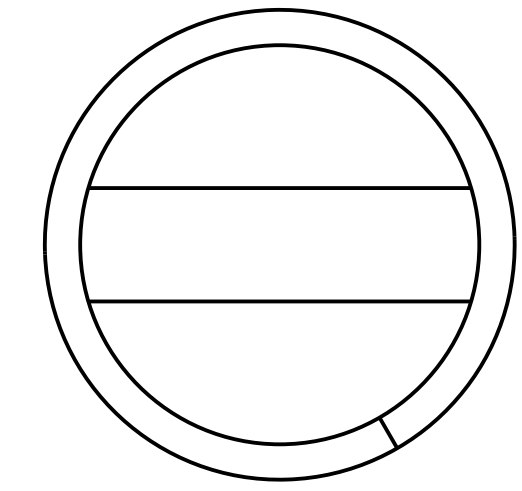


DOOR OPENING ANGLE

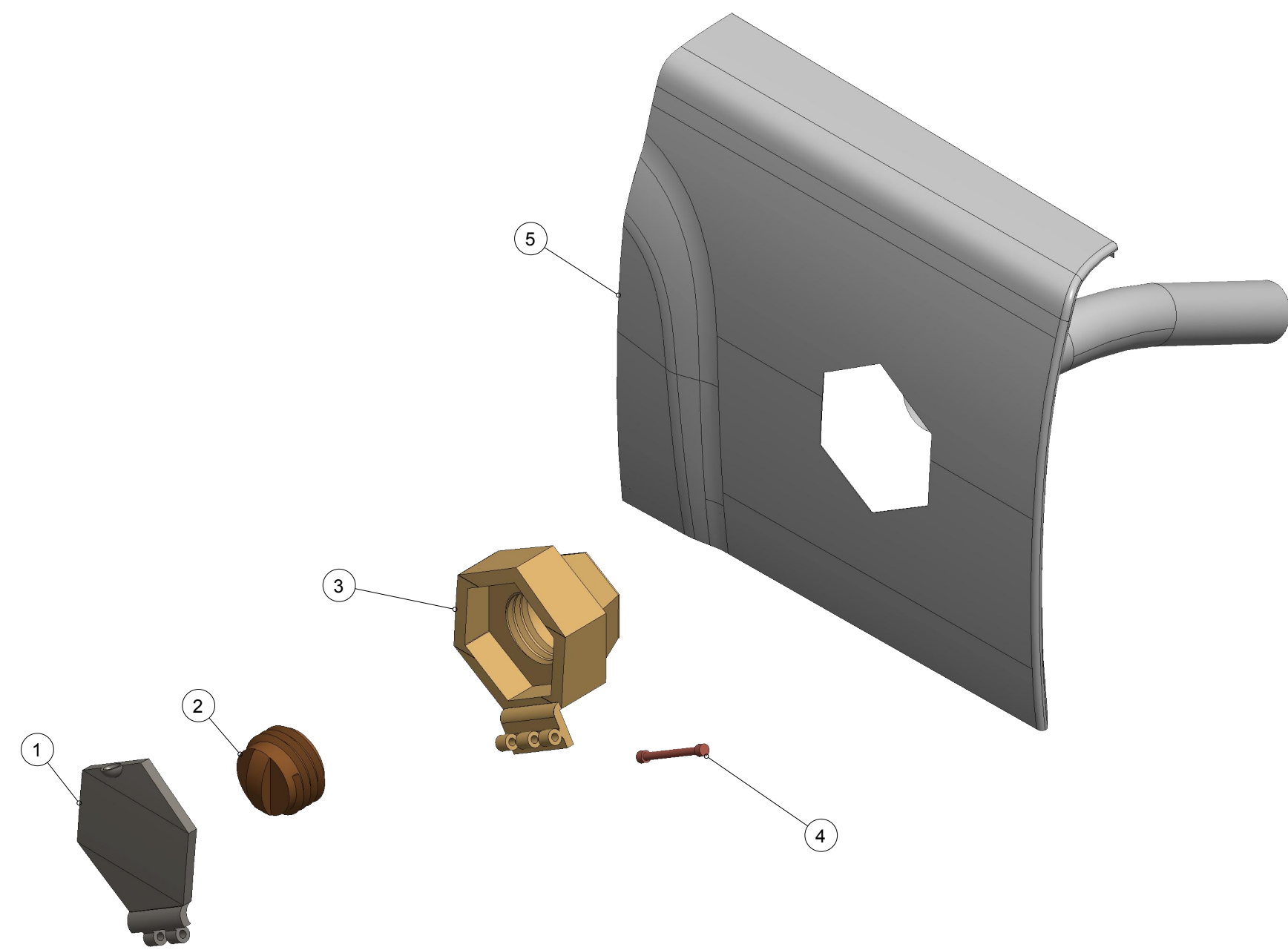
1 FUEL DOOR



2 GAS CAP

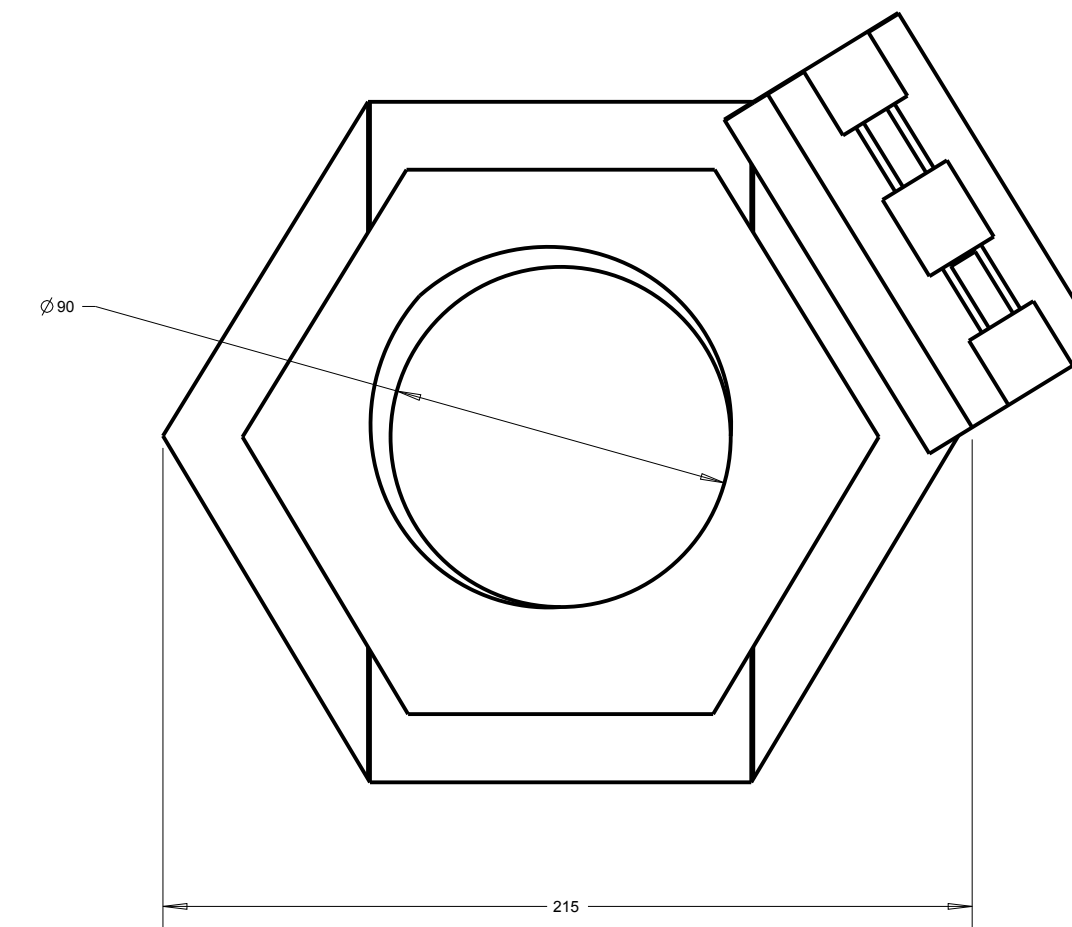
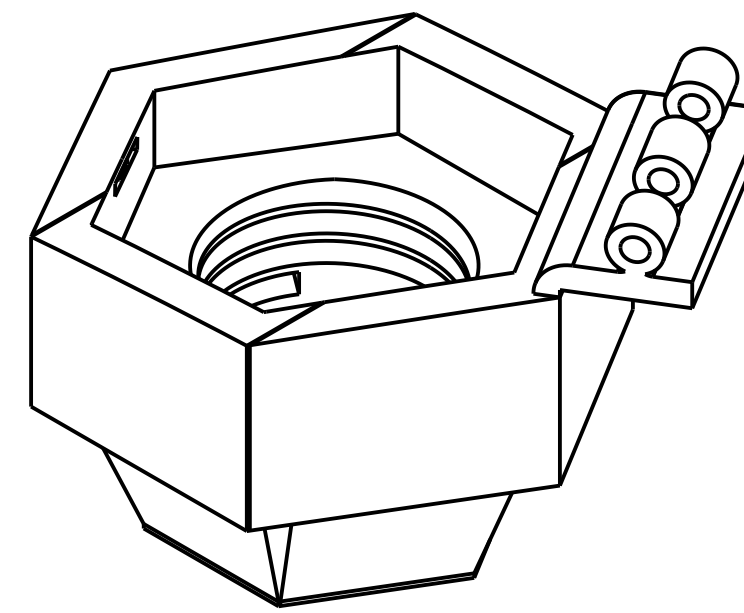
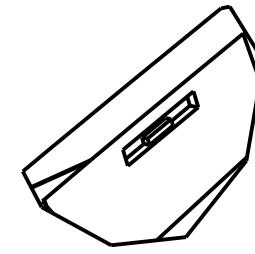


EXPLODED VIEW

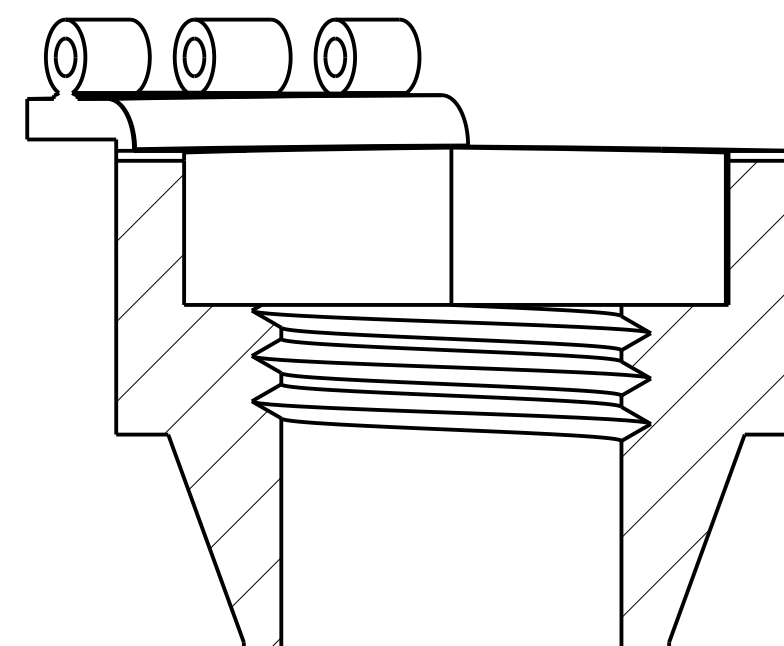


3 CUPPING

NOTE: MAGNET BUILT INTO CUPPING



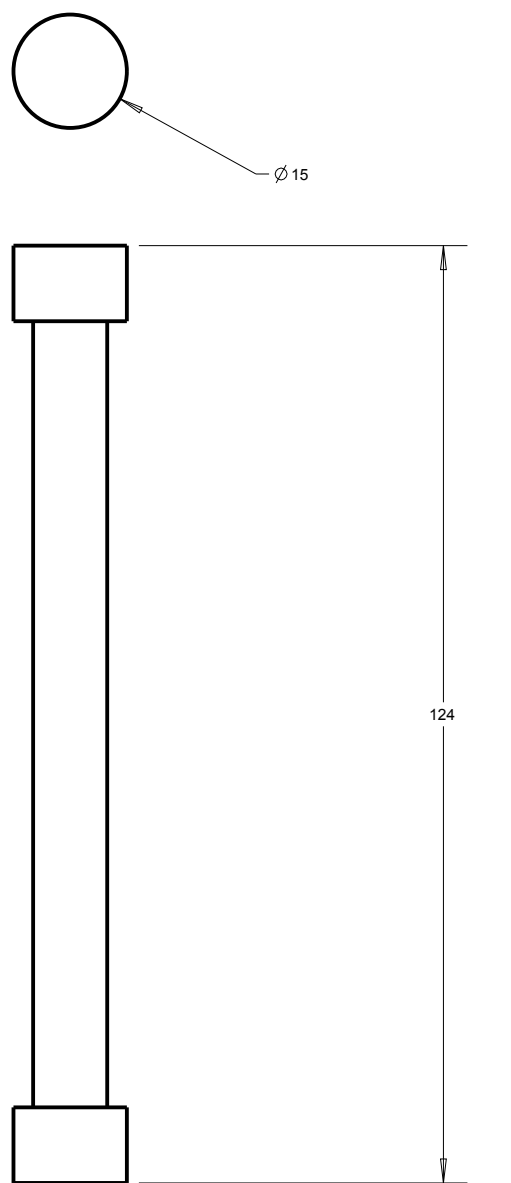
NOTE: CUPPING WELDED TO BACK OF PANEL. DOOR CONNECTED BY HINGES ON CUPPING. PIN USED TO SECURE HINGES AND SET THEM IN PLACE. GAS CAP SCREWS INTO THREADS ON CUPPING.



SECTION A-A

4 PIN

NOTE: PIN CONNECTS FEULDOOR TO CUPPING HINGE BRACKET



BOM CHART

PART NUMBER	PART NAME	QUANTITY	THREADS
1	FUEL DOOR	1	N/A
2	GAS CAP	1	N/A
3	CUPPING	1	M-95.425-X-12
4	PIN	1	N/A
5	FUEL PANEL	1	N/A

METRIC

STUDENT NAME: AUSTIN FORD

SCHOOL: BRIGHTON HIGH SCHOOL

GRADE LEVEL: CATEGORY:

DESIGN CONCEPT

12

EMAIL ADDRESS: FORDCA17@BRIGHTONK12.COM

TEACHER NAME: MR. JOURDEN