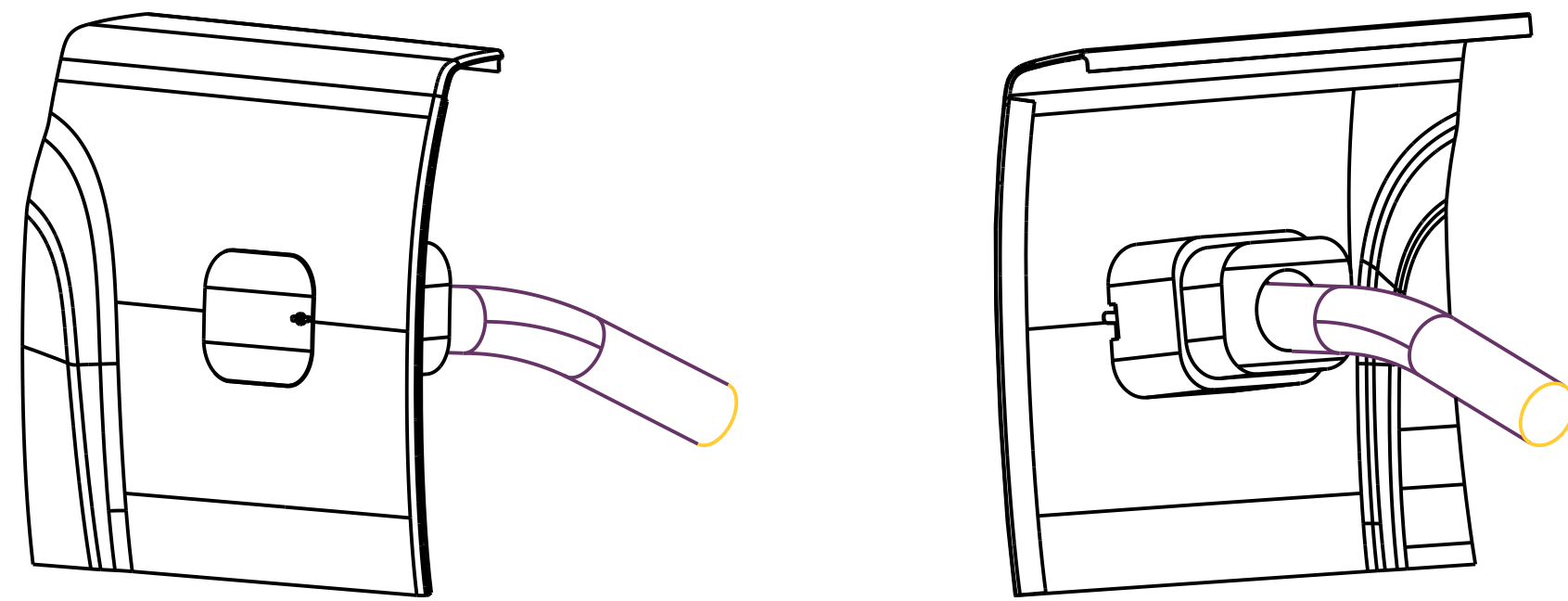
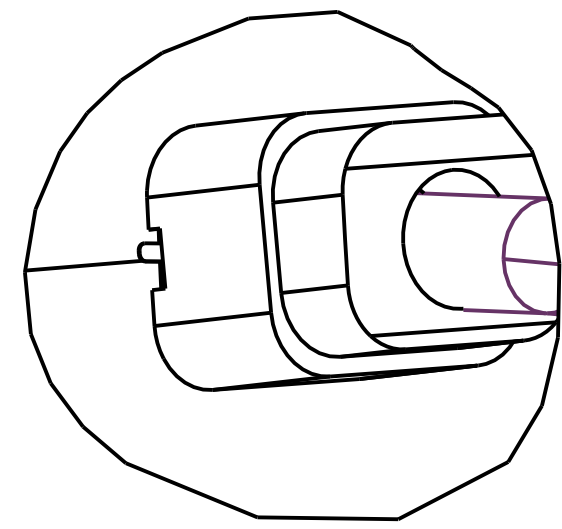
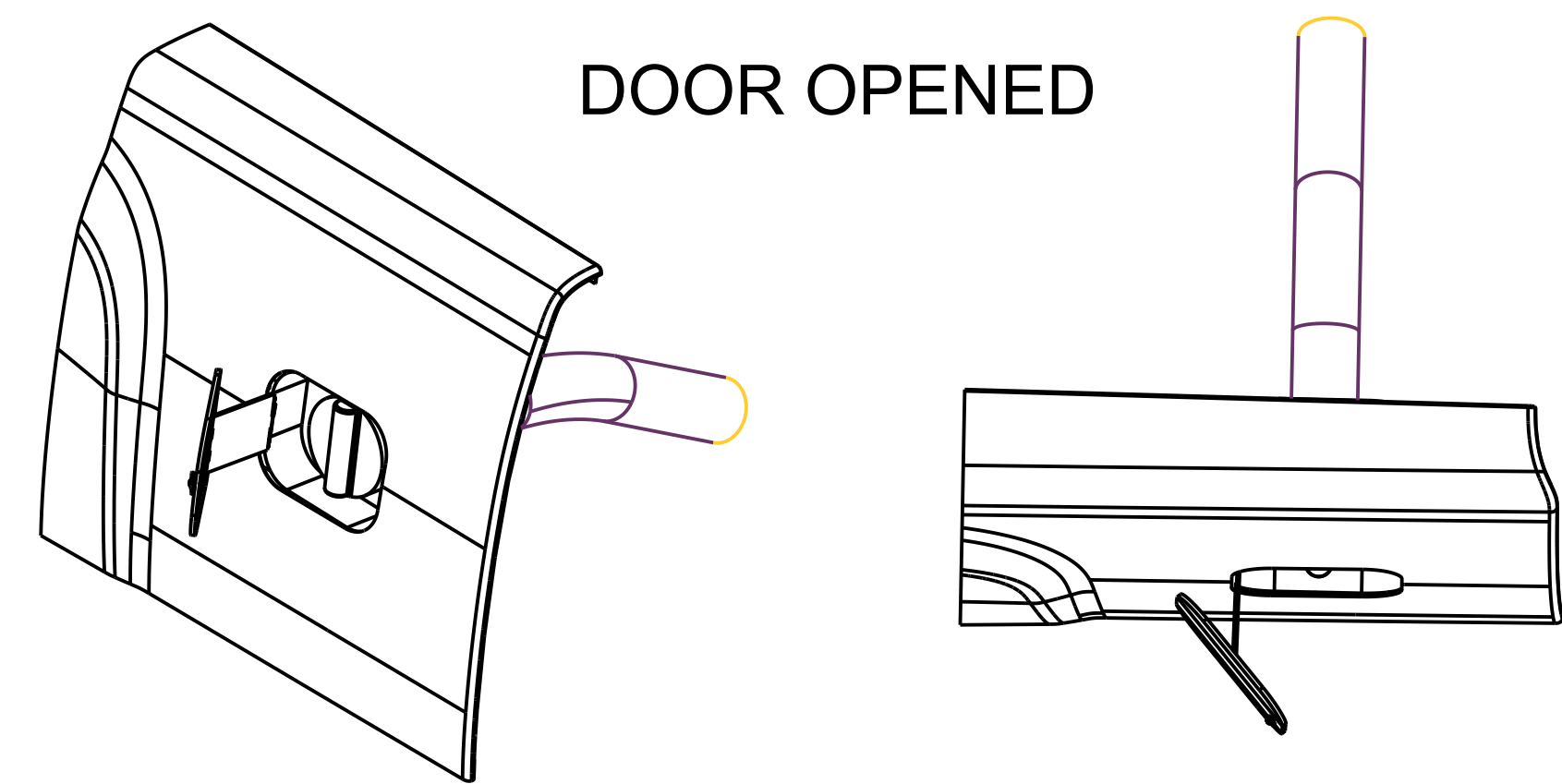


# DOOR CLOSED

NOTE: THERE IS A SMALL HATCH LEVER THAT WILL SECURE THE DOOR IN PLACE. THE FUEL HOLE IS SCREWED INTO THE BACK OF THE PANEL. THE DOOR BECOMES FLUSH WITH BODY PANEL WHEN CLOSED.

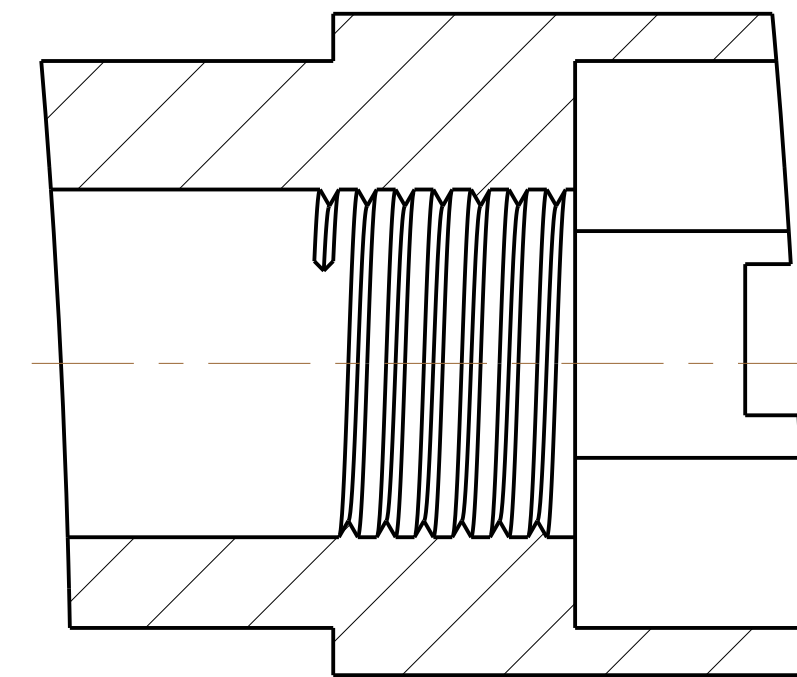
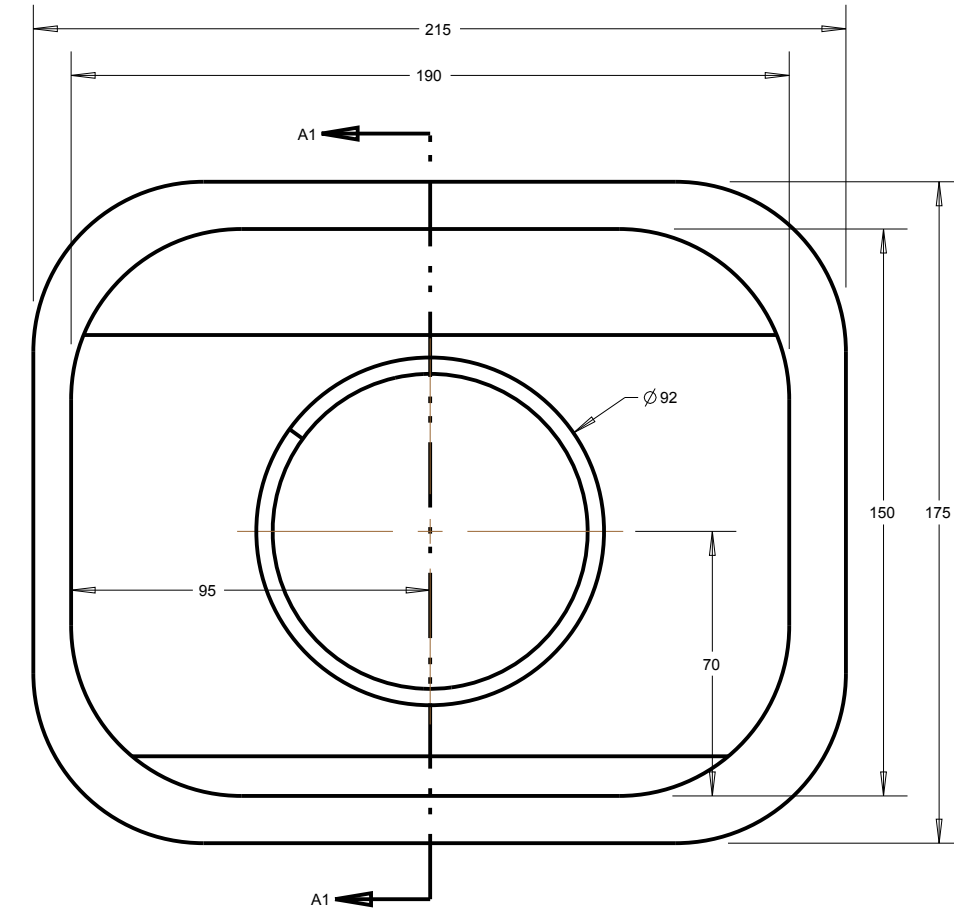


# DOOR OPENED



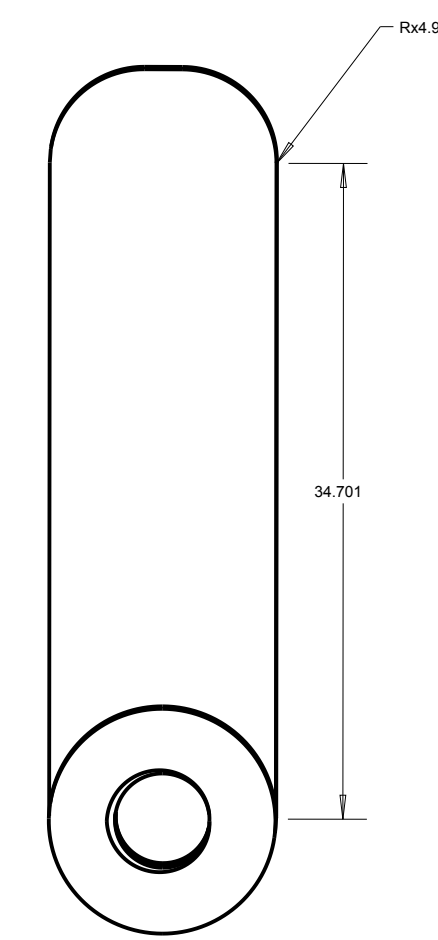
NOTE: THE FUEL DOOR CAN TURN A FULL 90°. THE LEVEL CONNECTING THE DOOR TO THE FUEL HOLE CAN GO BACK 180° IF NECESSARY.

8

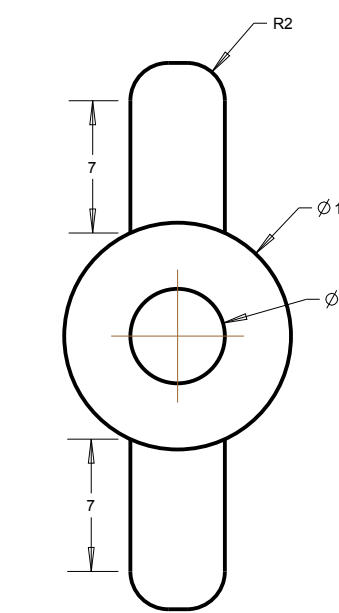


SECTION A1-A1

2

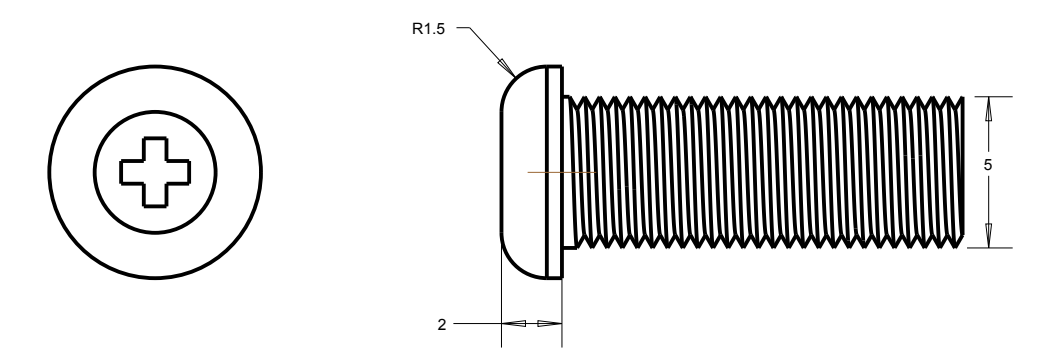


1



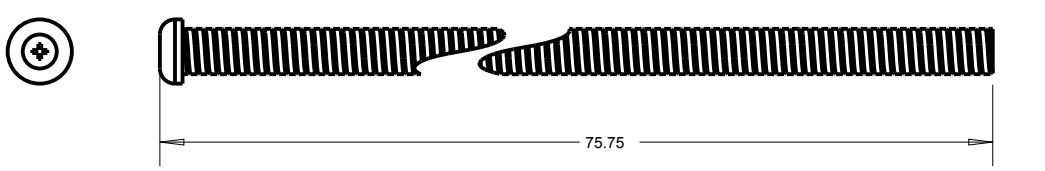
NOTE: THIS THE KNOB THAT WILL BE TURNED TO LOCK AND UNLOCK THE FUEL DOOR PANEL IN PLACE

4



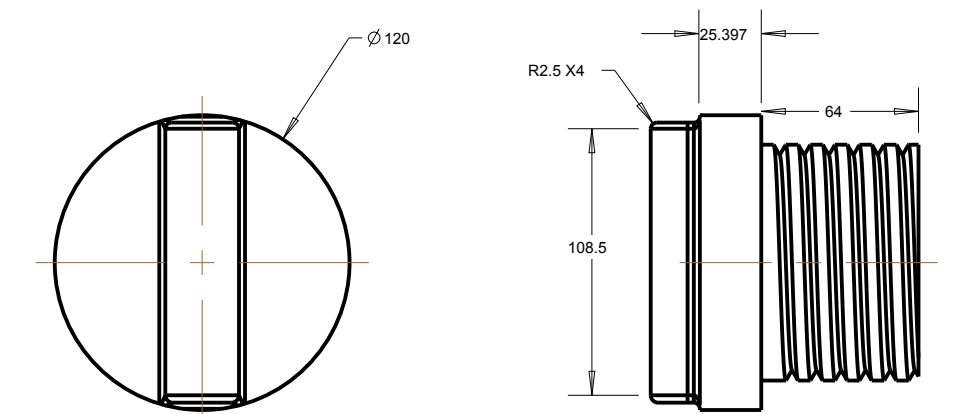
NOTE: SCREW THAT WILL CONNECT THE FUEL DOOR LEVER TO THE INSIDE FUEL HOLE

5

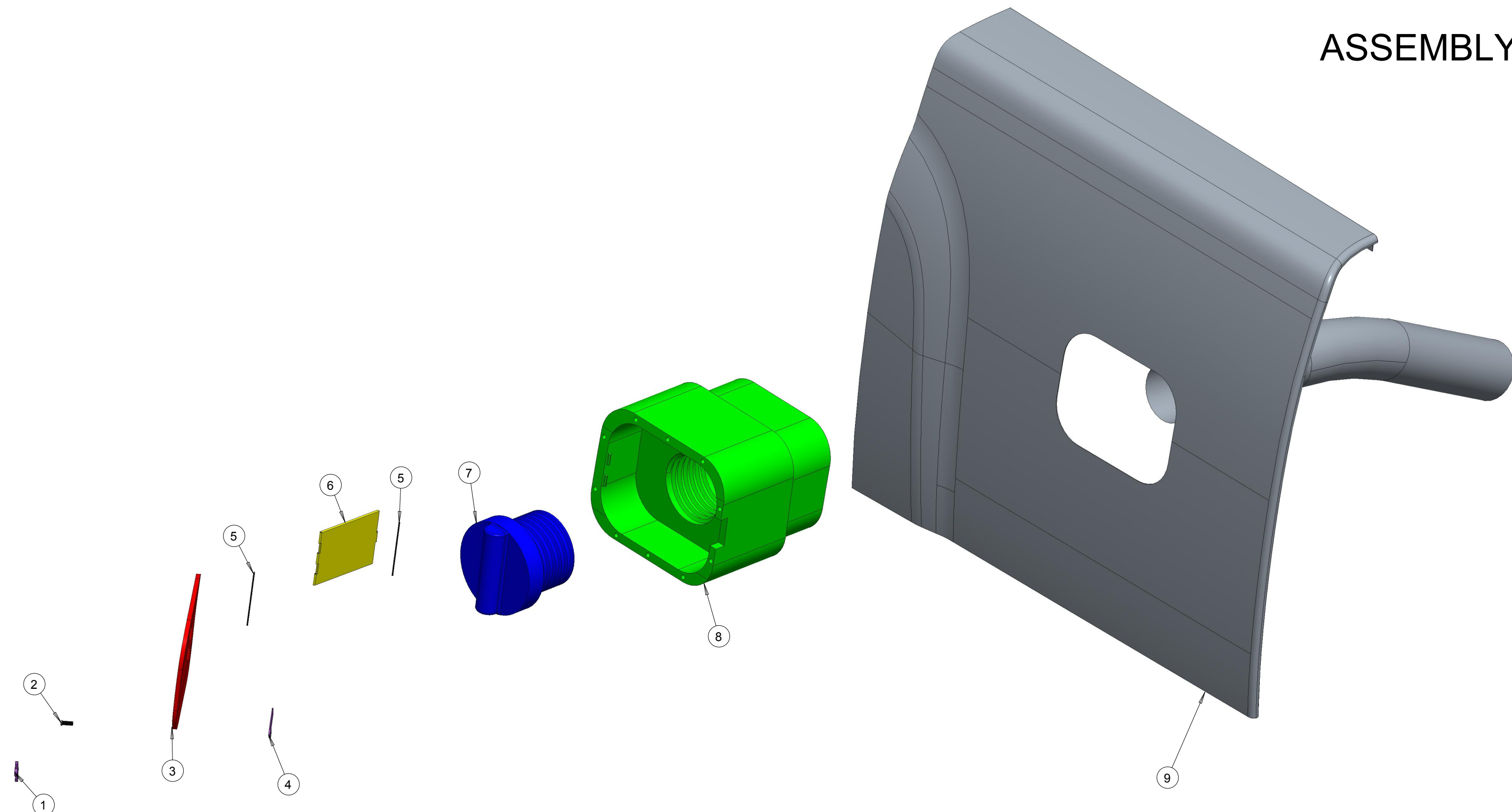


NOTE: SCREWS THE HATCH KNOB AND HATCH LOCK TOGETHER

7

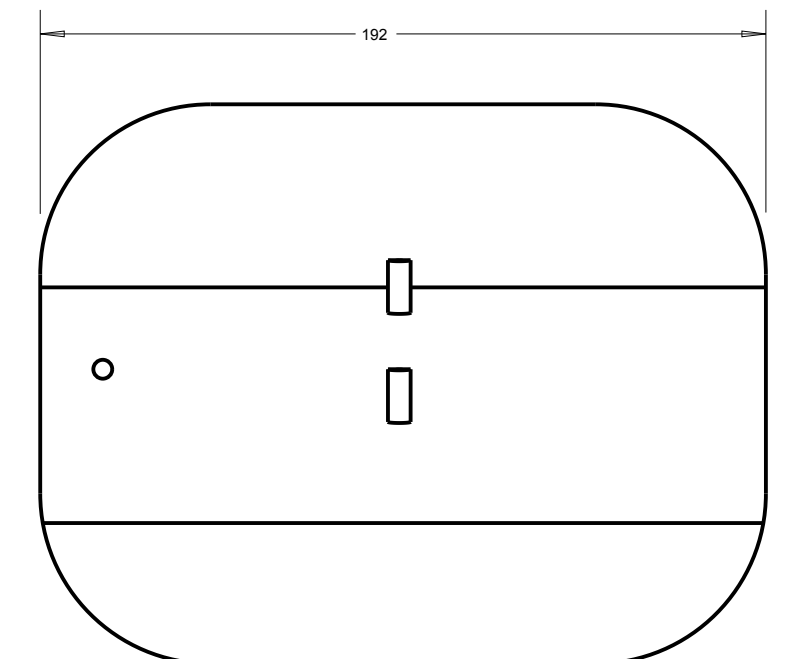


# ASSEMBLY



3

NOTE: THERE IS A 3MM GAP BETWEEN THE EDGES OF THE FUEL DOOR TO THE BODY PANEL BODY



BOM CHART			
PART NUMBER	PART NAME	QUANTITY	THREADS
1	HATCH	1	M_5_X_0.5
2	HATCH LOCK	1	M_5_X_0.5
5	LEVER SCREW	2	M_1.5_X_325
4	HATCH SCREW	1	M_5_X_0.5
8	FUEL CUP	1	M_92_X_10
7	GAS CAP	1	M_96_X_10
3	FUEL DOOR	1	NONE
6	LEVER	1	M_1.5_X_325
9	BODY PANEL	1	NONE

# METRIC

STUDENT NAME: ELENA HUIZAR

SCHOOL: BRIGHTON HIGH SCHOOL

GRADE LEVEL: CATEGORY:

DESIGN CONCEPT  
12

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TEACHER NAME: MR. JOURDEN