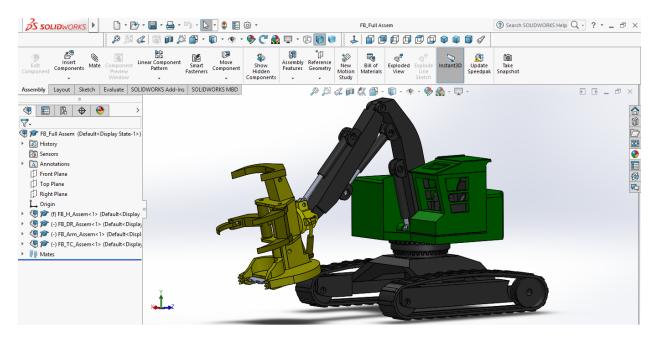
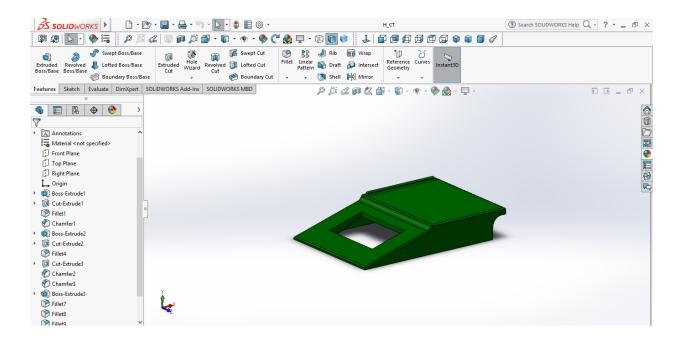
Feller-Buncher SolidWorks/3D Printing Project



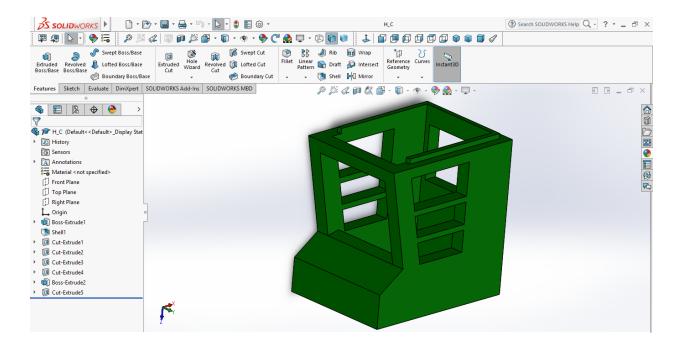
Project Assembly One: Cab, Seat & Engine Housing

S SOLIDWORKS	7 • 🔚 • 🖨 • 🖄 • 🕻	• 🕄 🗄 🔅 •		FB_H_Assem	() Search SOLIDWORKS Help $ {\sf Q} $	· ? · _ 🗗 ×
🔎 - 🛍 🖧 🐺 🖗 🖉 - 📦 -	- 🔹 - 🌺 🦳 👳	- 🕲 问 🔍 🕹		🖗 🗑 🗐 🔗		
Edit Component Component	Linear Component Pattern Fastener	Move Component Component Components	Assembly Reference Features Geometry Motion • • • • • • • • • • • • • • • • • • •	Bill of Exploded Explode Instant3D Up	odate rake edpak Snapshot	
Assembly Layout Sketch Evaluate SC	DLIDWORKS Add-Ins SOLID	WORKS MBD	P 💭 🖧 🕅	🗱 🕮 = 🗊 = 👁 = 🧇 🏤 = 🛄 = 👘		
0						
🇐 📰 🖹 🕁 🤭 >						
7.						
FB_H_Assem (Default <display p="" state-1)<=""></display>						
History						27
Sensors						
Annotations						
Front Plane						<u></u>
Top Plane			\leq			
🚺 Right Plane						M.
🛴 Origin						
Image: Second						
H_C<1> (Default< <default>_Disp</default>						
H_CT<1> (Default< <default>_Dis</default>			(
H_S<1> (Default< <default>_Displ</default>						
Mates						
	Y					
	¥					

Part 1: The Cab Top

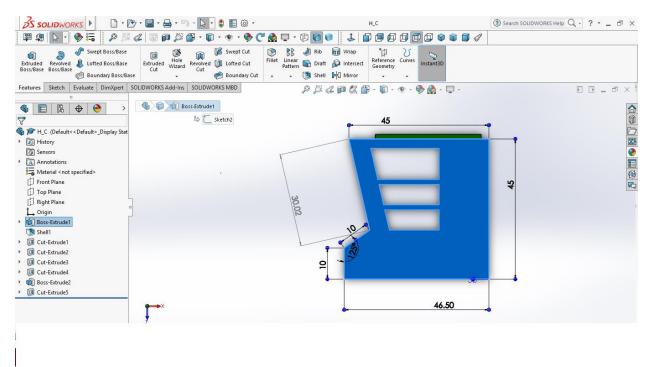


Part 2: The Cab



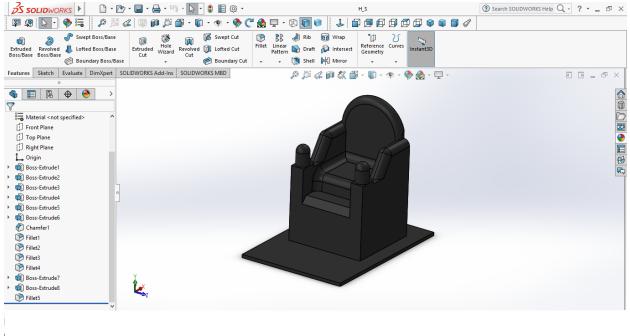
-The Cab will sit on the seats platform and enclose the seat.

-The bars on top will connect to the Cab Top finishing the Assembly.



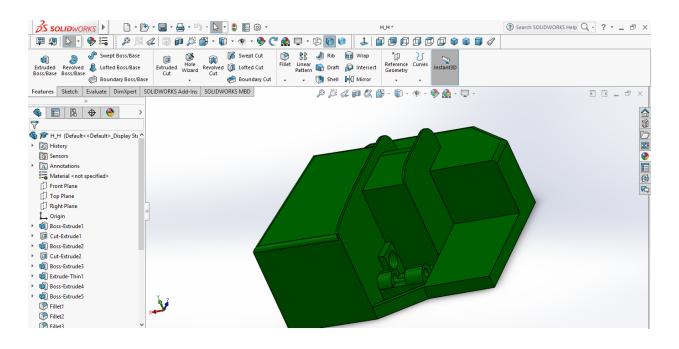
-Start with this side then extrude it out. Use shelling to hollow it out and then extrude cut the windows.

Part 3: The Seat

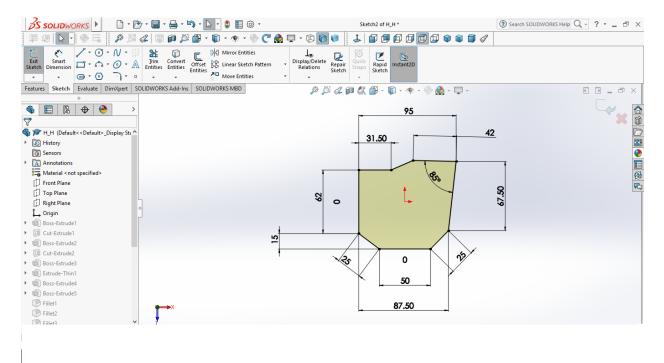


-The flat bed will connect to the Cab and the Engine Housing.

Part 4: The Engine Housing



-The Engine Housing connects to two assemblies (the arm and the drivetrain assemblies) making accuracy essential in the connectors.



-Start with the base and extrude from there to make the rest of the features.

The Housing Assembly

