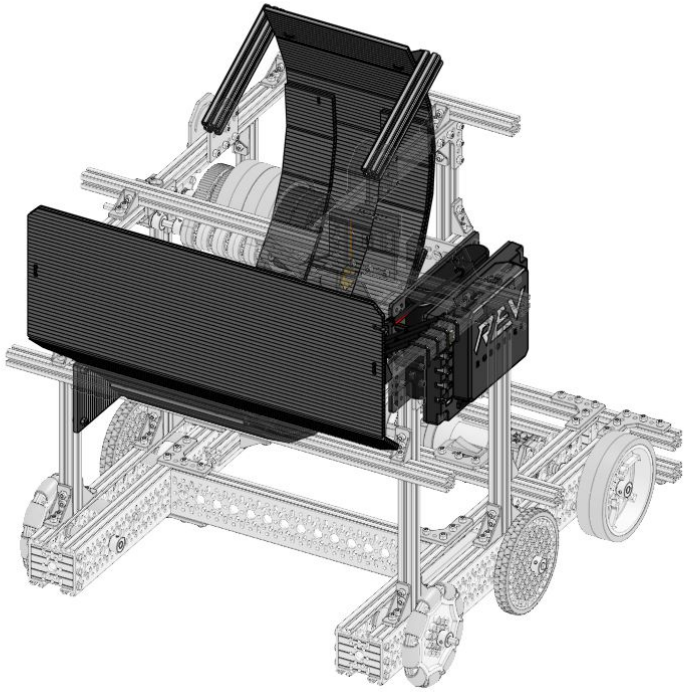
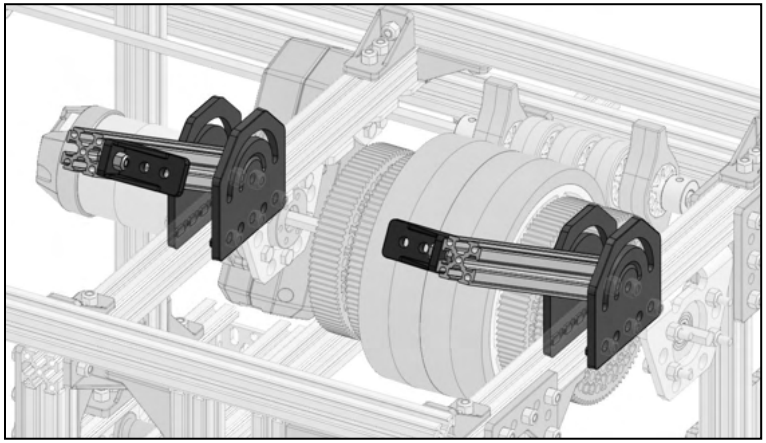
Hopper and Electronics



1

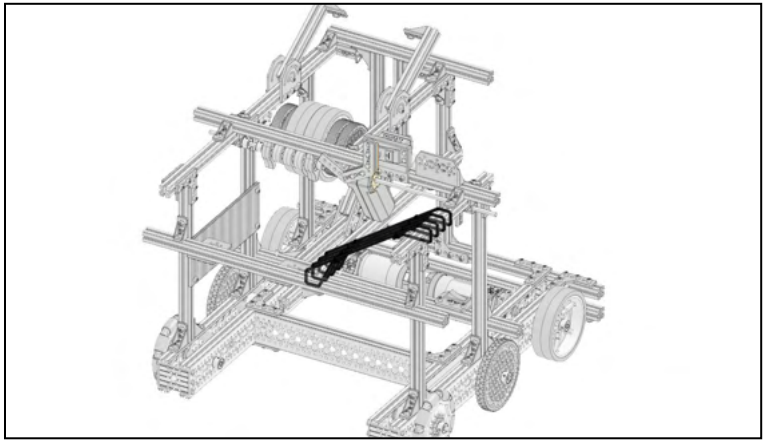


Get:

- 2 - 15mm Extrusion - 120mm
- 2 - 15mm Plastic Lap Corner Bracket
- 1 - M3 x 8mm Hex Cap Screw
- 1 - Nyloc Nut

Pre-load the short side of 2 Lap Corner Brackets with one screw and nut each. Then, attach the Lap Corner Brackets to the end of the Extrusion. Slide the opposite end of each extrusion piece into the free floating screws, one in each pair of Variable Angle Brackets. Tighten until firm, but not tight- these are used to adjust your launch angle.

2

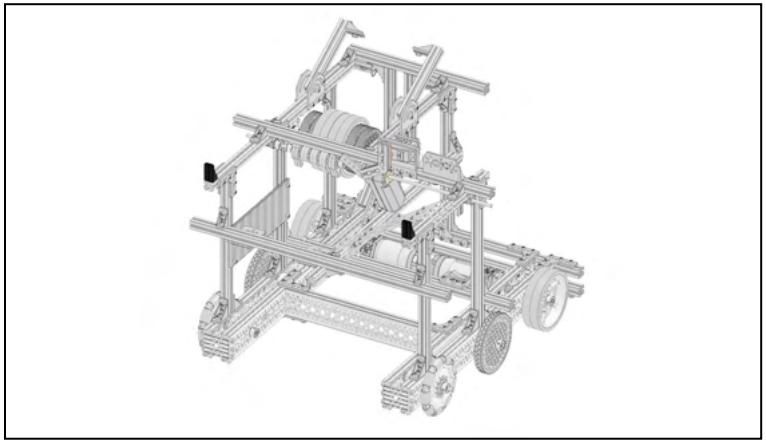


Get:

- Surgical Tubing
- 8 - Zip Ties - 160mm

Create 4 loops of surgical tubing, pull until slightly stretched and then secure to Extrusion with Zip Ties.

3

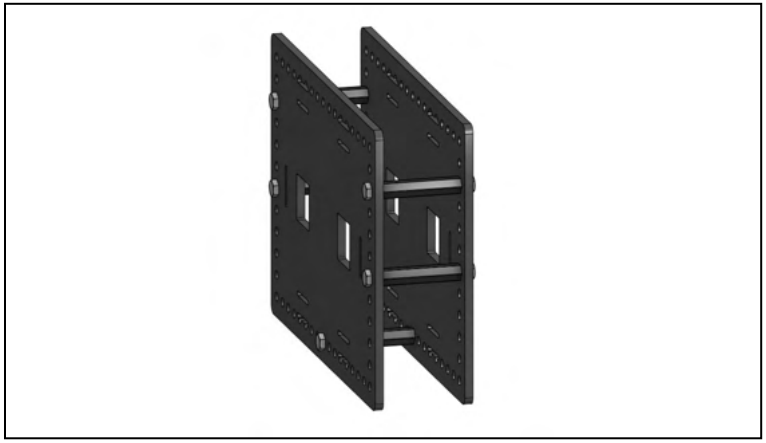


Get:

- 2 - 15mm Plastic Lap Corner Bracket
- 2 - M3 x 8mm Hex Cap Screw
- 2 - Nyloc Nut

Pre-load the short side of 2 Lap Corner Brackets with one screw and nut each. Then, attach the Lap Corner Brackets to the end of the Extrusion as shown in the image.

4



Get:

- 2 - Battery Holder Plate
- 5 - M3 Standoff - 30mm
- 10 - M3 x 8mm Hex Cap Screw

Connect 2 Battery Holder Plates using standoffs and screws. The short sides get two standoffs each and the bottom side's standoff should be roughly centered.

5

Get:

- 1 - Control Hub
- 1 - M3 Standoff - 30mm
- 3 - M3 x 16mm Hex Cap Screw
- 1 - M3 x 8mm Hex Cap Screw
- 2 - Nyloc Nut

Secure your Control Hub to the Battery Plate using a 16mm screw and nuts for each top corner. In the lower corner, secure using a standoff, 16mm screw on the Hub side, and an 8mm screw on the back.

Note: Tighten until secure, but do not over tighten to avoid damage to your Control Hub.

6

Get:

- 1 - M3 Standoff - 30mm
- 1 - M3 x 16mm Hex Cap Screw
- 1 - M3 x 8mm Hex Cap Screw

Add an additional standoff at the other bottom corner of the assembly. On one side, use 16mm screws to also attach your Control Hub to the Battery Plate.

Note: Tighten until secure, but do not over tighten to avoid damage to your Control Hub.

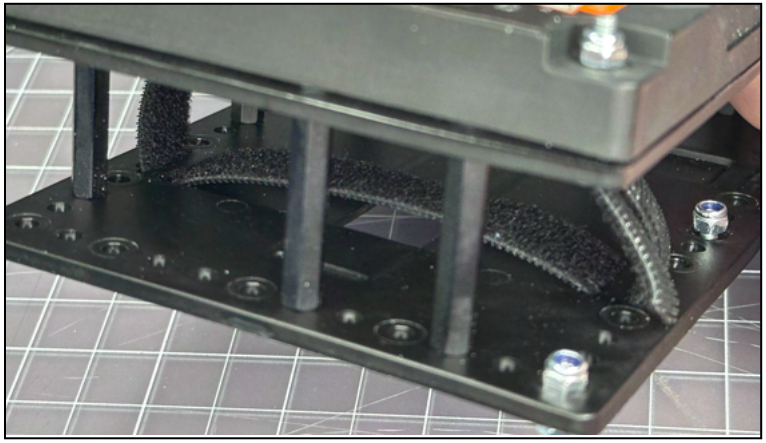
7

Get:

- 3 - M3 x 8mm Hex Cap Screw
- 3 - Nyloc Nut
- 1 - Hook and Loop Fastener

Pre-load three hex cap screws and nyloc nuts into the Battery Holder Plate. Feed strips of hook and loop fastener through the battery plate to use to secure the battery.

8

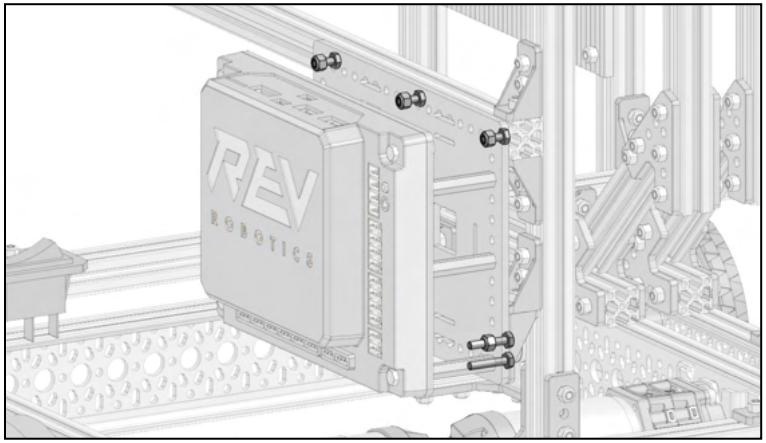


Get:

- 1 - Hook and Loop Fastener

Feed strips of hook and loop fastener through the battery plate to use to secure the battery.

9

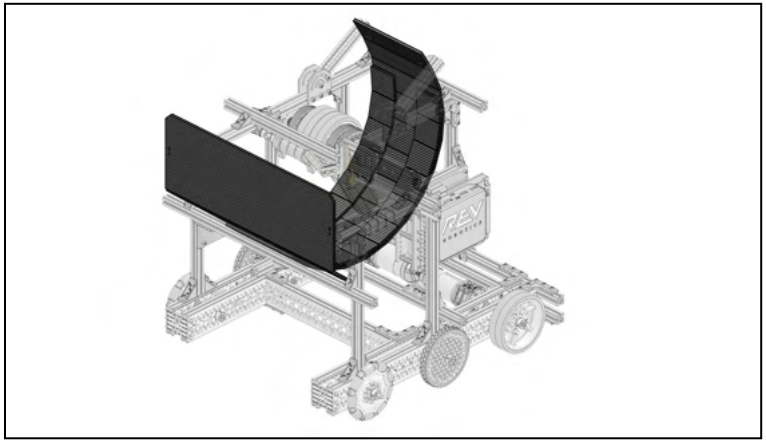


Get:

- 2 - M3 x 16mm Hex Cap Screw
- 1 - Nyloc Nut

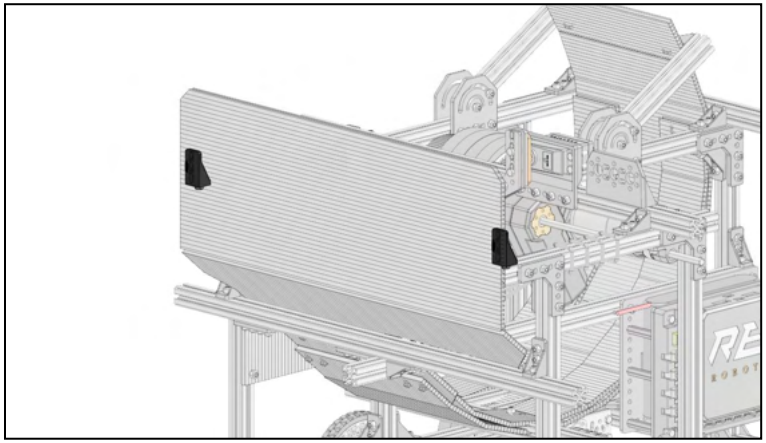
Slide the Electronics assembly onto the extrusion as shown. Secure the battery plate to the lap corner bracket as shown. Tighten the the 16mm Hex Cap Screw and Nyloc nut first then insert the 16mm Hex Cap Screw into the standoff as shown.

10



Insert the Corrugated Plastic Hopper and Hood as shown.

11

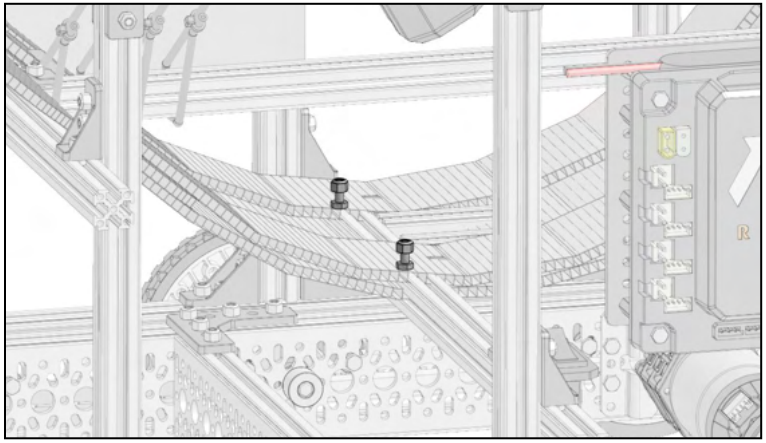


Get:

- 2 - Zip Ties - 160mm

Secure the hopper to the Lap Corner Brackets with two zip ties as shown.

12

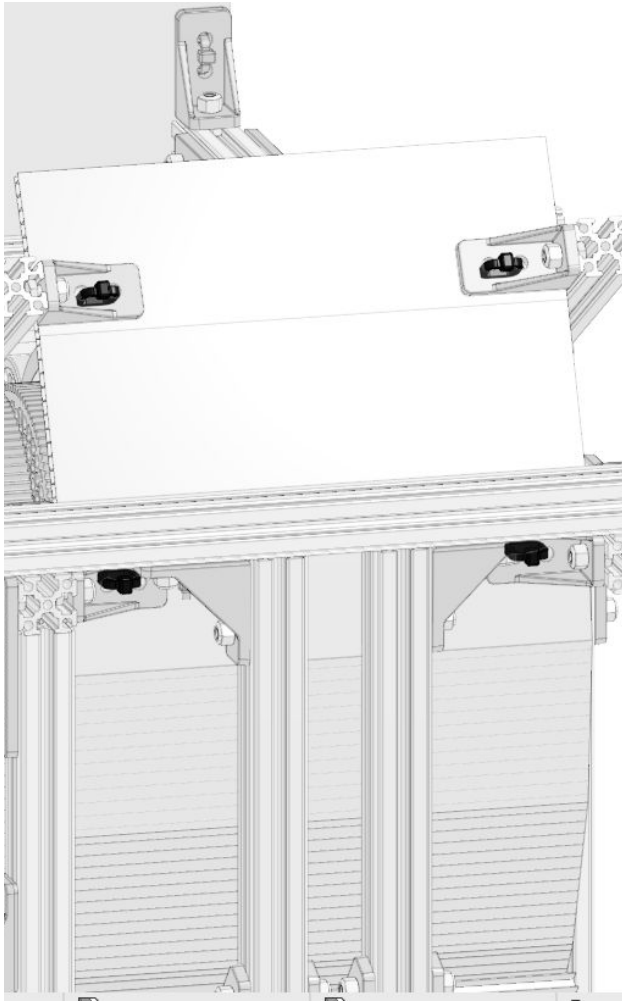


Get:

- 2 - Nyloc Nut

Secure the bottom of the hood with the two screws from step 10.

13

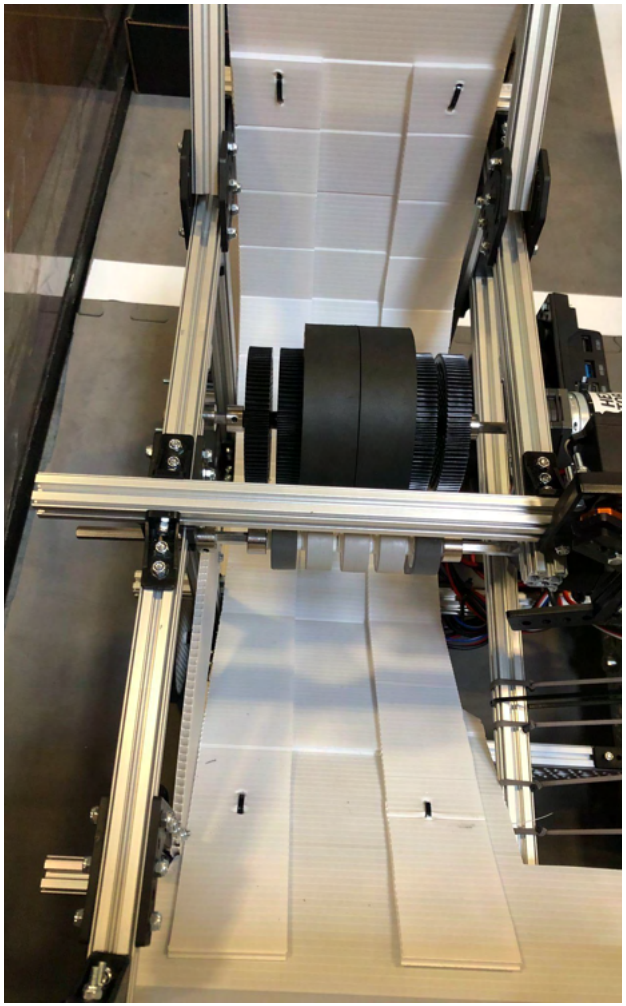


Get:

- 4 - Zip Ties - 160mm

Secure the hopper to the Lap Corner Brackets with four zip ties as shown.

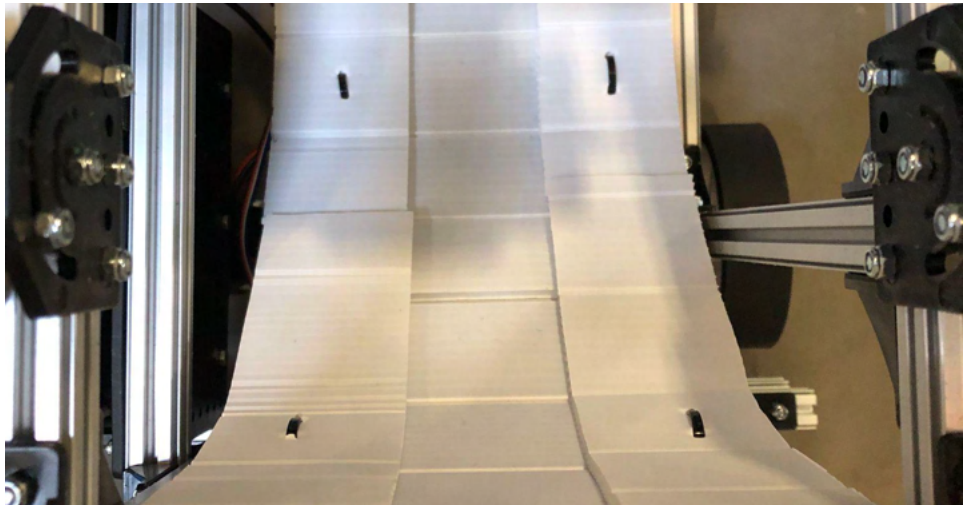
14



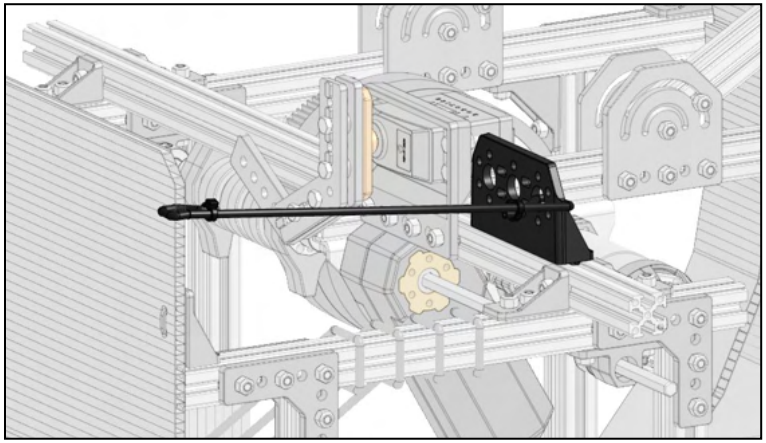
Get:

- 8 - Zip Ties - 160mm

Secure the centering guides with zip ties so that the Artifact travels under the center of your flywheel.



15



Get:

- Surgical Tubing
- 2 - Zip Ties - 160mm

Create a loop of surgical tubing, pull until slightly stretched and then secure to Extrusion with Zip Ties.

Congratulations! You are done!