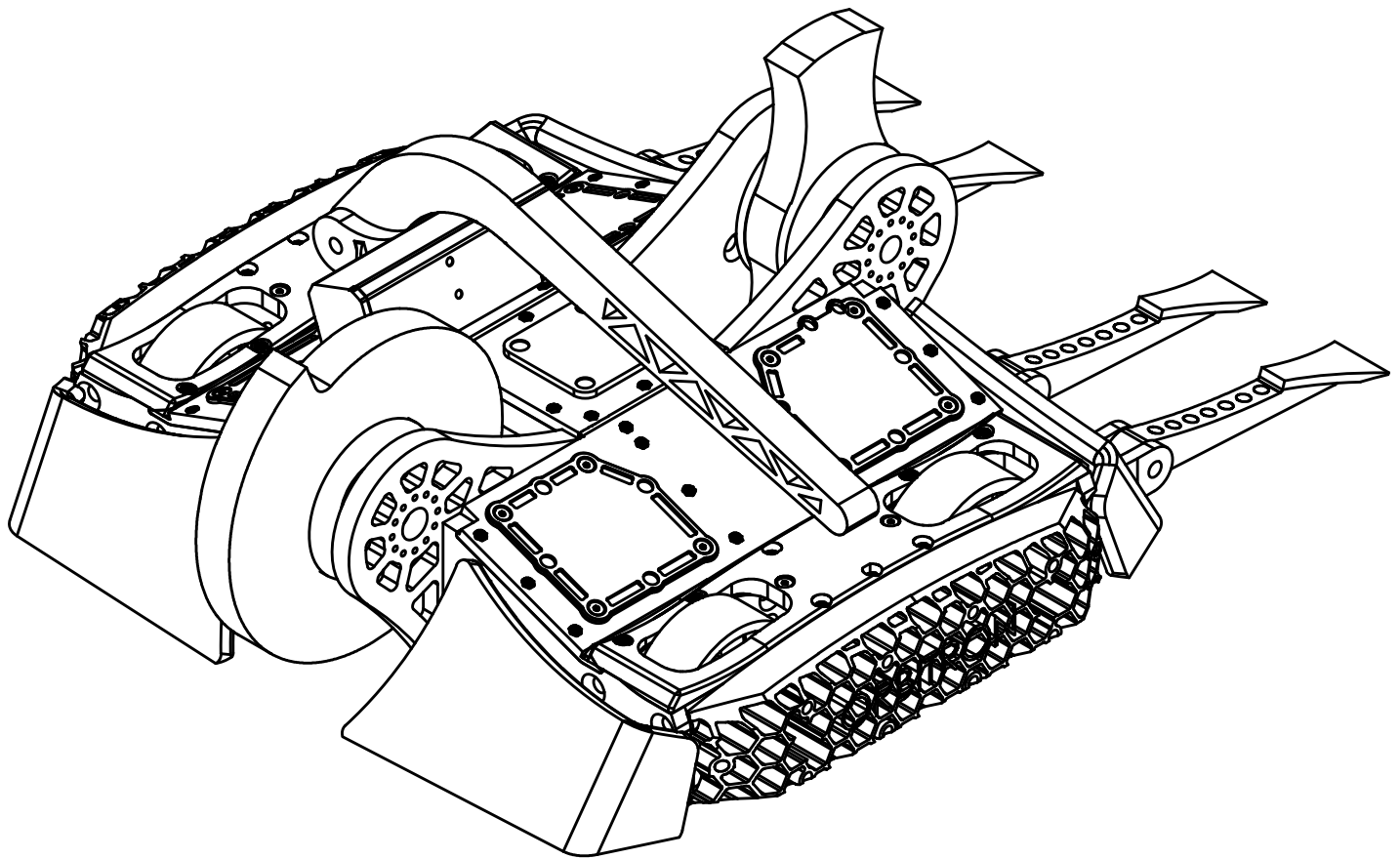


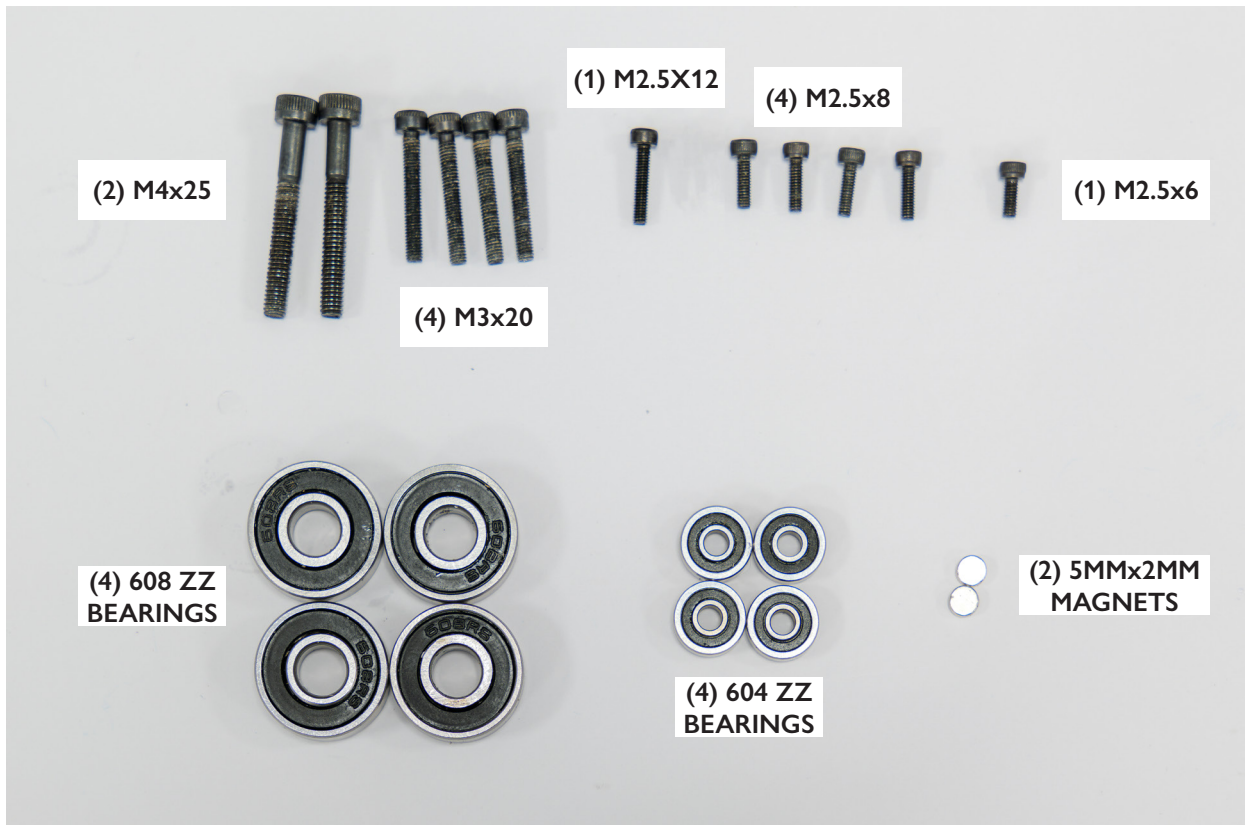
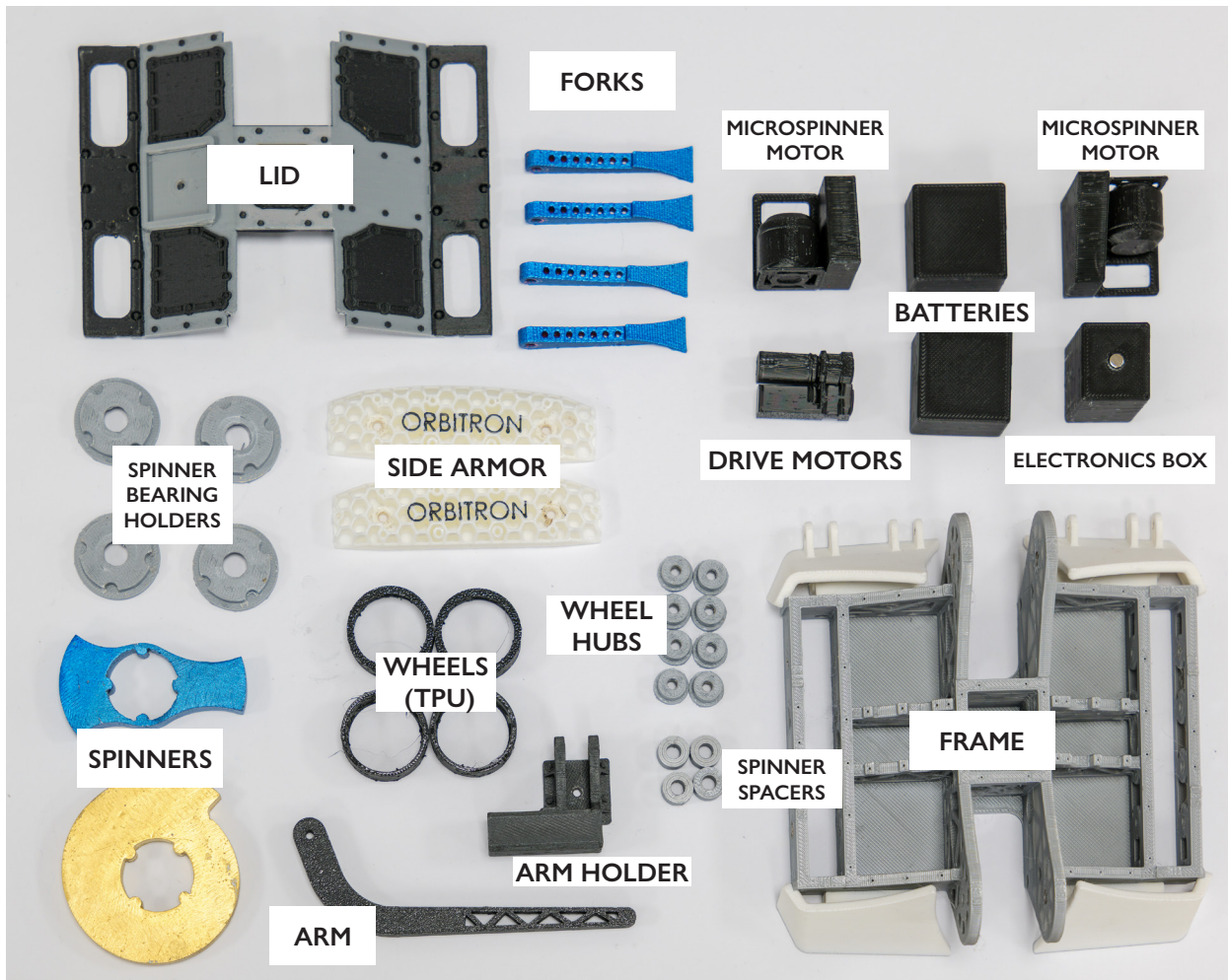
# ORBITRON

3D PRINTED SCALE MODEL  
1:6 SCALE



**ASSEMBLY INSTRUCTIONS**

# PARTS:



# PART I: Wheels and side armor:



STEP I: Place the wheel around each of the 4 large bearings.





**STEP 2: Place a wheel hub on either side of each bearing.**



**STEP 3: Slot the wheel assembly into the frame.**



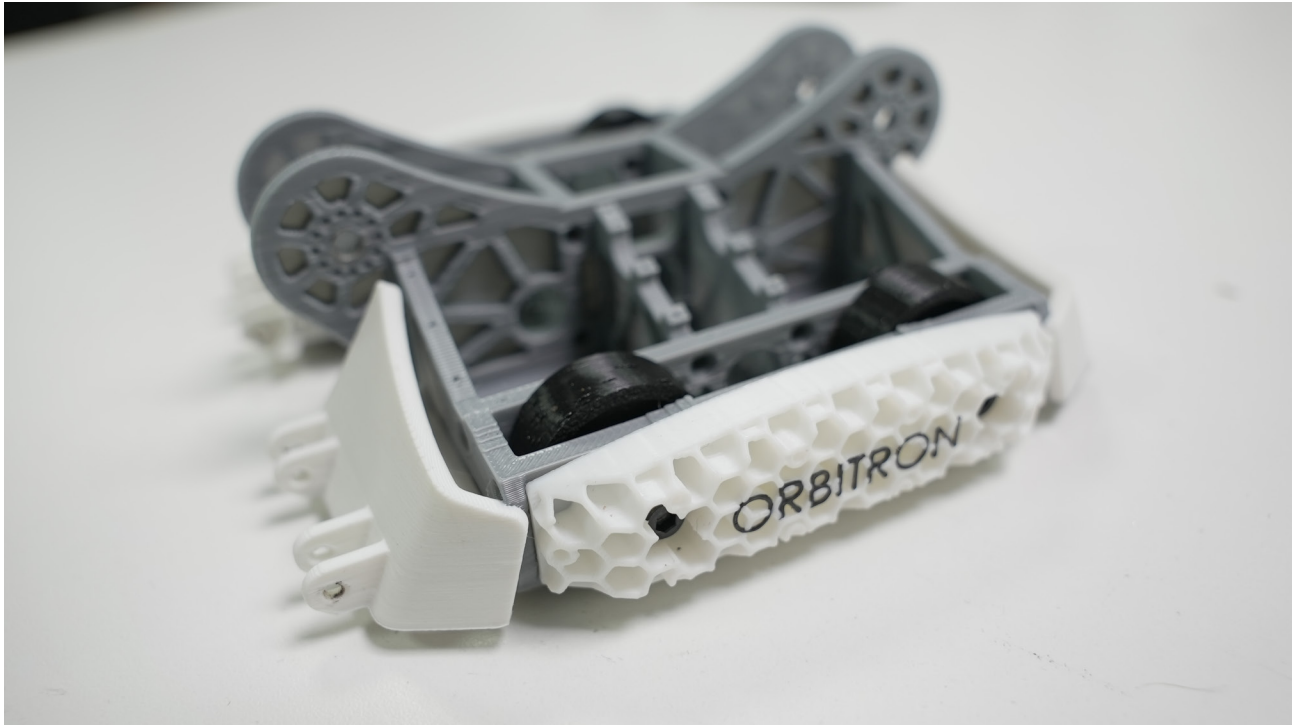
**STEP 4:** Place the side armor on the side, with the flat edge facing down (or Orbitron logo in the correct orientation).



**STEP 5:** Insert a M3x25 screw through the assembly.

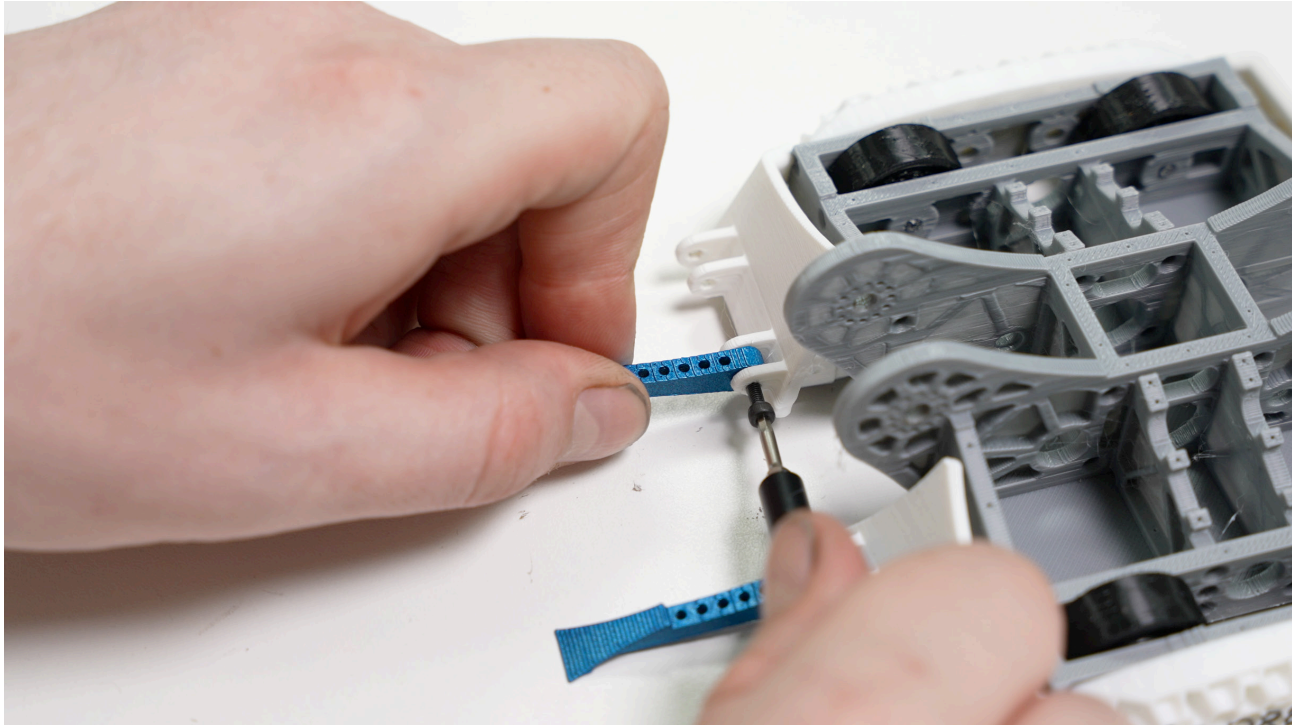


Repeat these steps for each of the 4 wheels and the other side of the armor.



## PART 2: FORKS

**STEP 1:** Insert a fork into the groove of the front of the frame. Insert a M2.5x8 screw through the frame and fork.



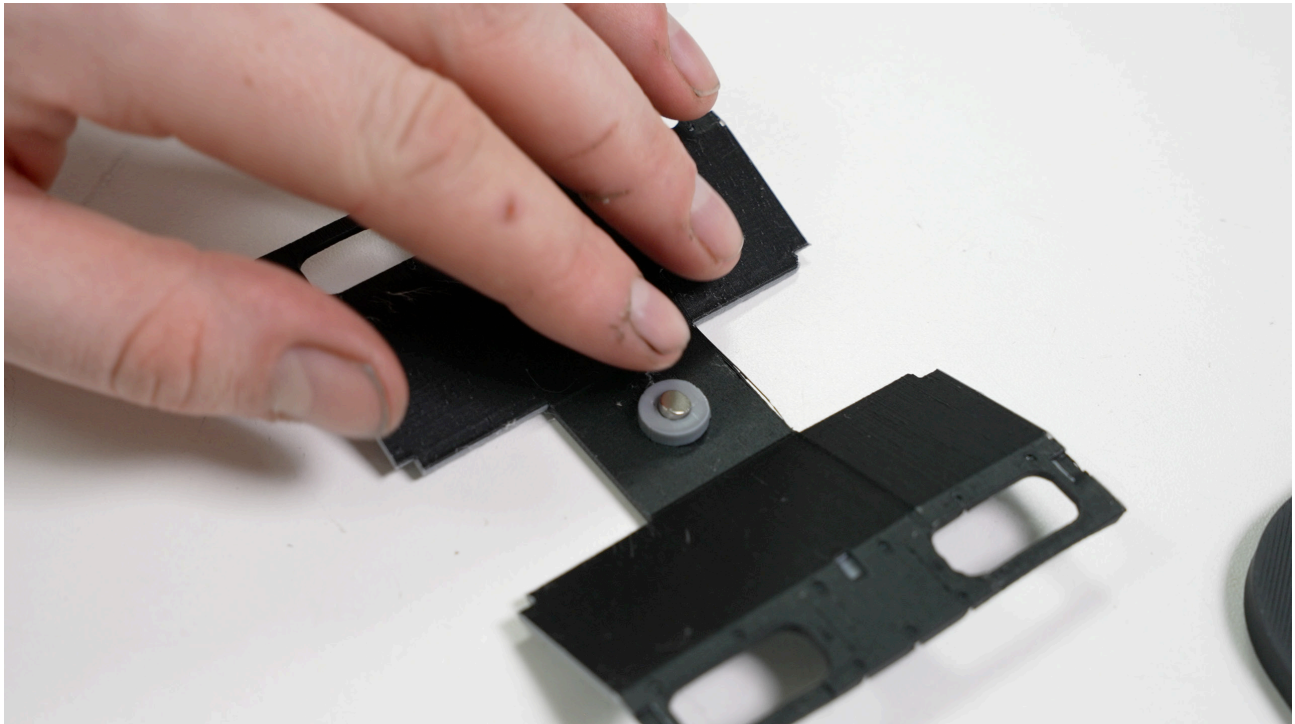
Repeat this step for each of the 4 forks.



## PART 3: LID

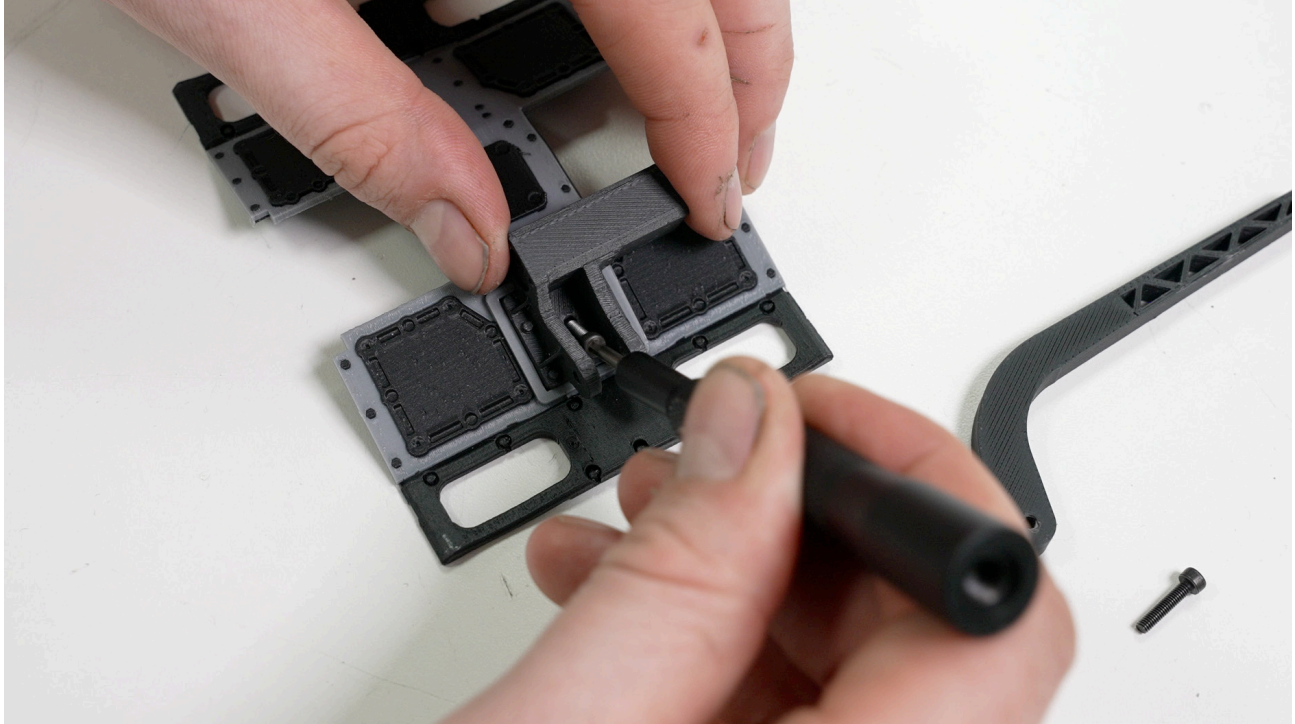


**STEP 1:** Place the magnet in the center hole in the bottom of the lid.

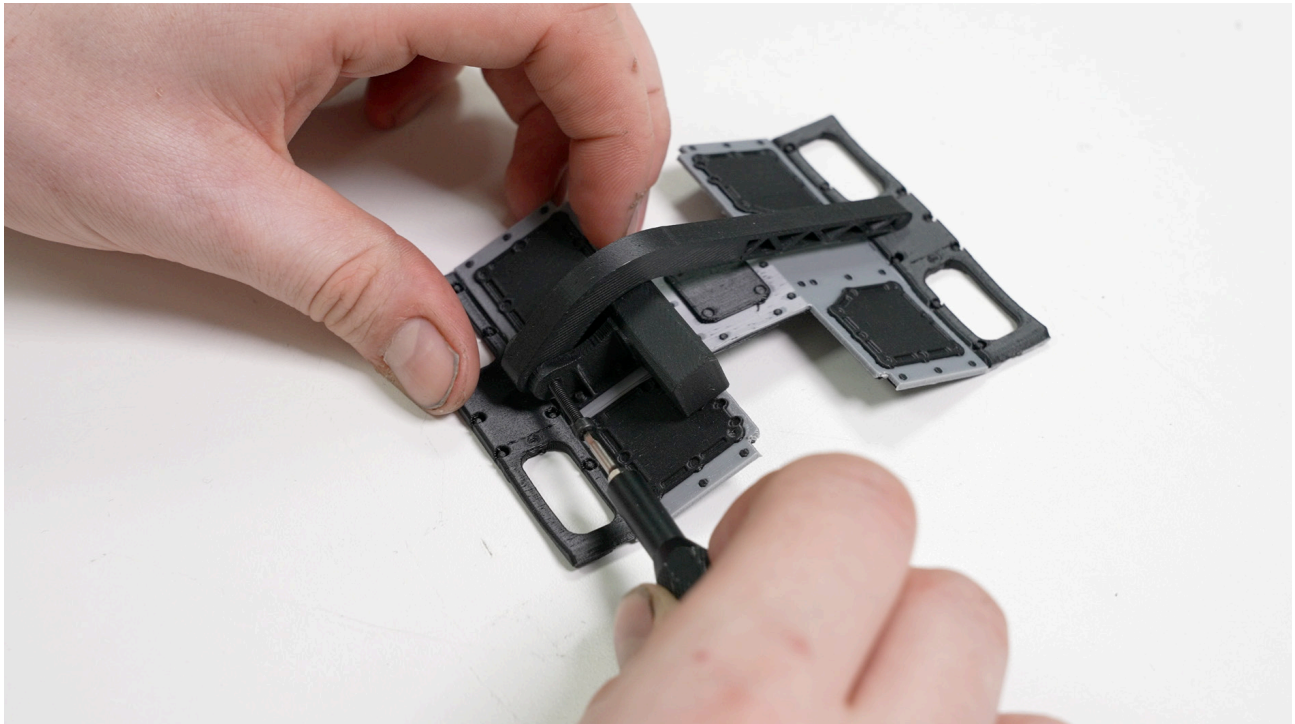




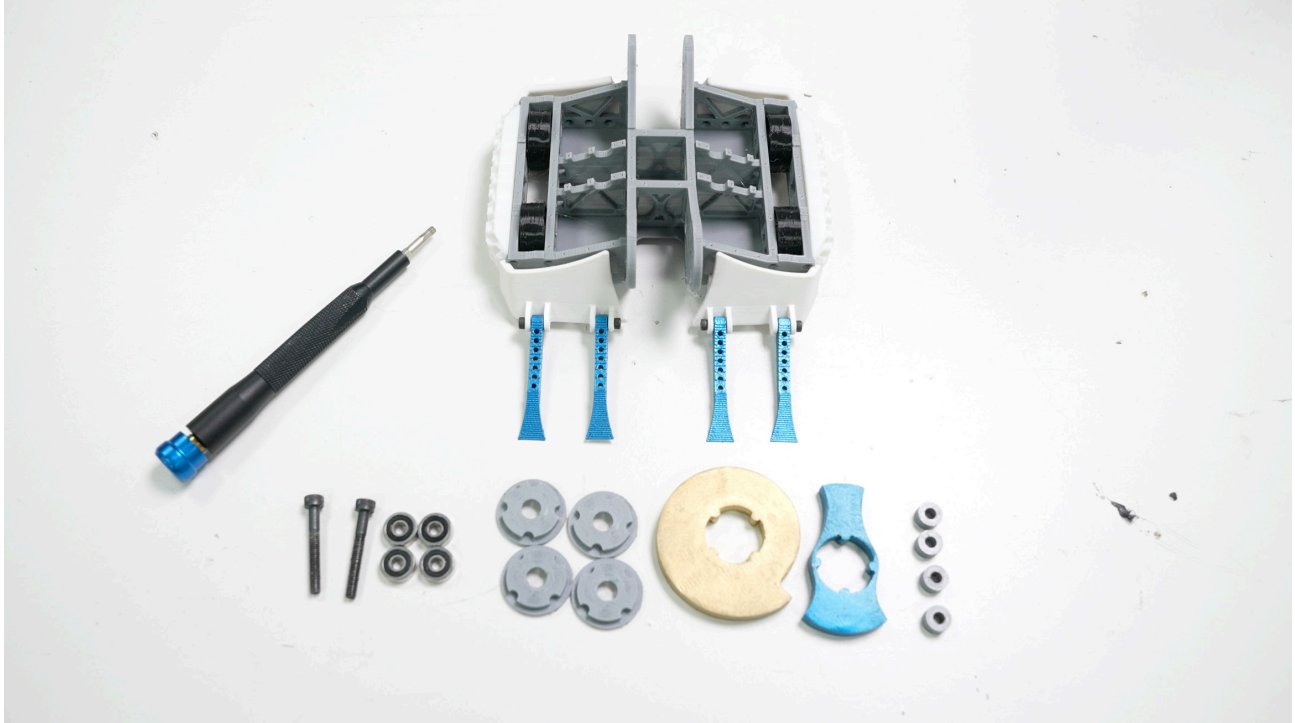
**STEP 2:** Place the arm holder in the square slot in the lid. Make sure that the motor is facing the top of the lid. Then secure with the M2.5x6 screw.



**STEP 3:** Insert the arm into the arm holder and secure it with the M2.5x12 screw.



## PART 4: SPINNERS

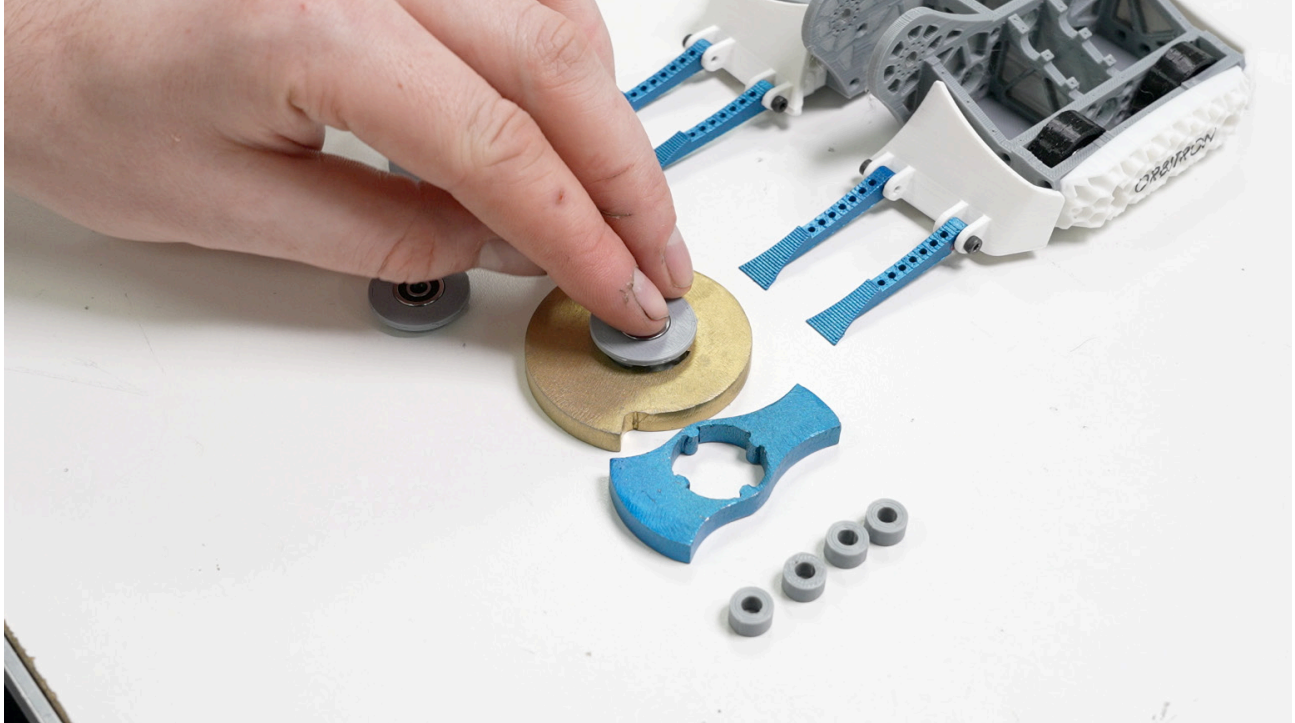


**STEP 1:** Insert the 604 bearings into each of the 4 spinner bearing holders.

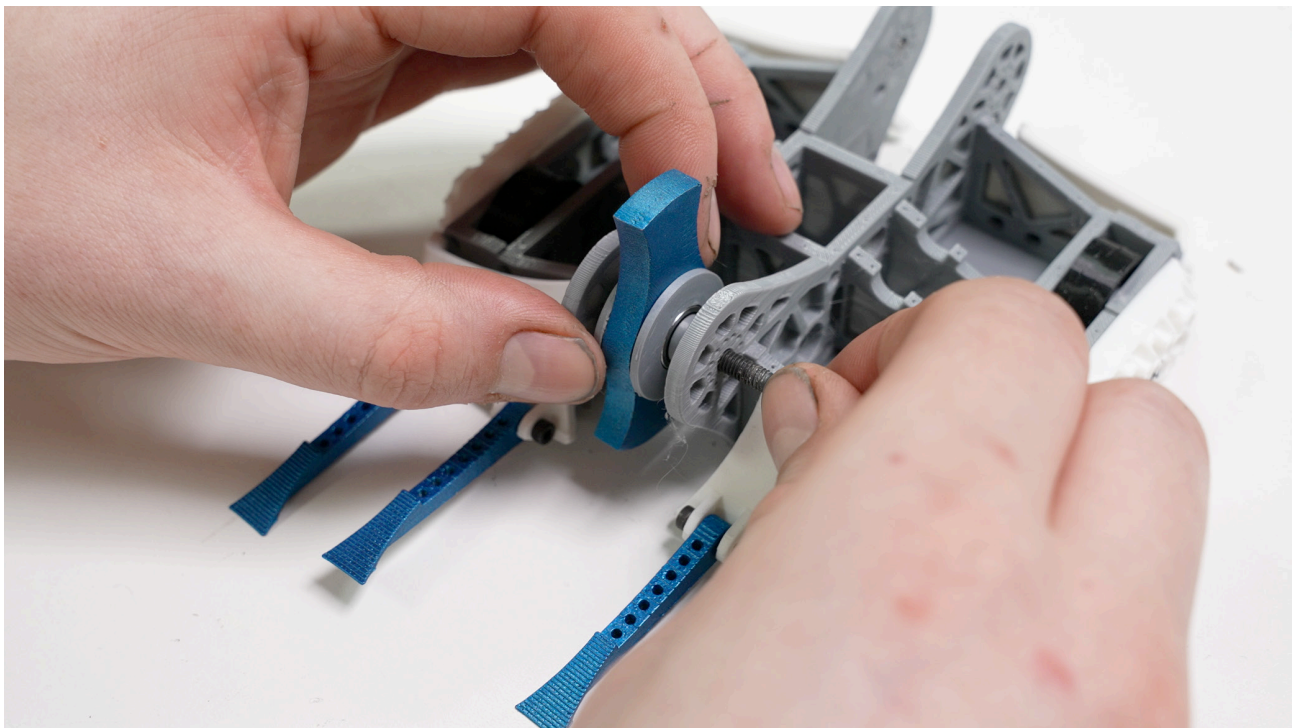




**STEP 2: Place the bearing holders into both sides of the spinners (two bearing holders per spinner.)**



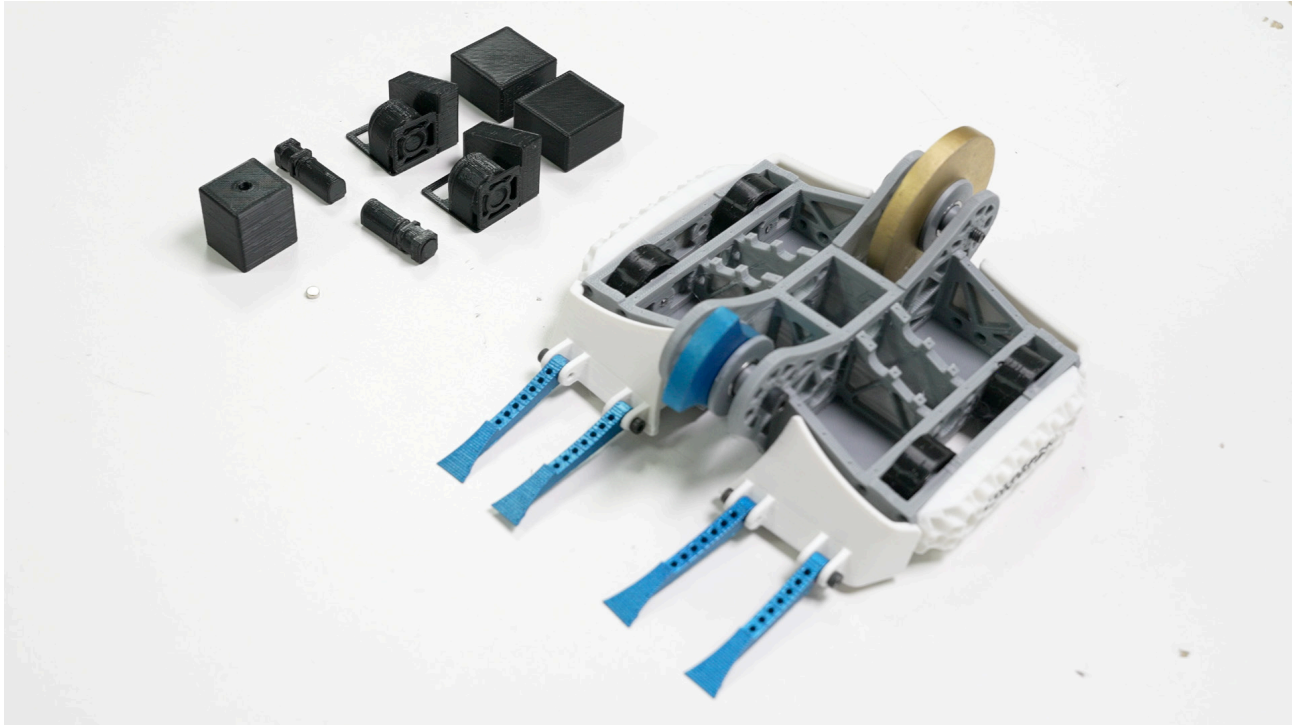
**STEP 3: Insert an M4x25 screw into the frame where the spinner goes. Repeat this process on the other side.**



*Note: The holes are directional, there is a large and small hole on each side, you want to place the screw in the large hole (right side looking head on for either side). Place a spinner spacer on the screw, followed by the spinner, followed by another spinner spacer, then screw into the other side of the frame.*



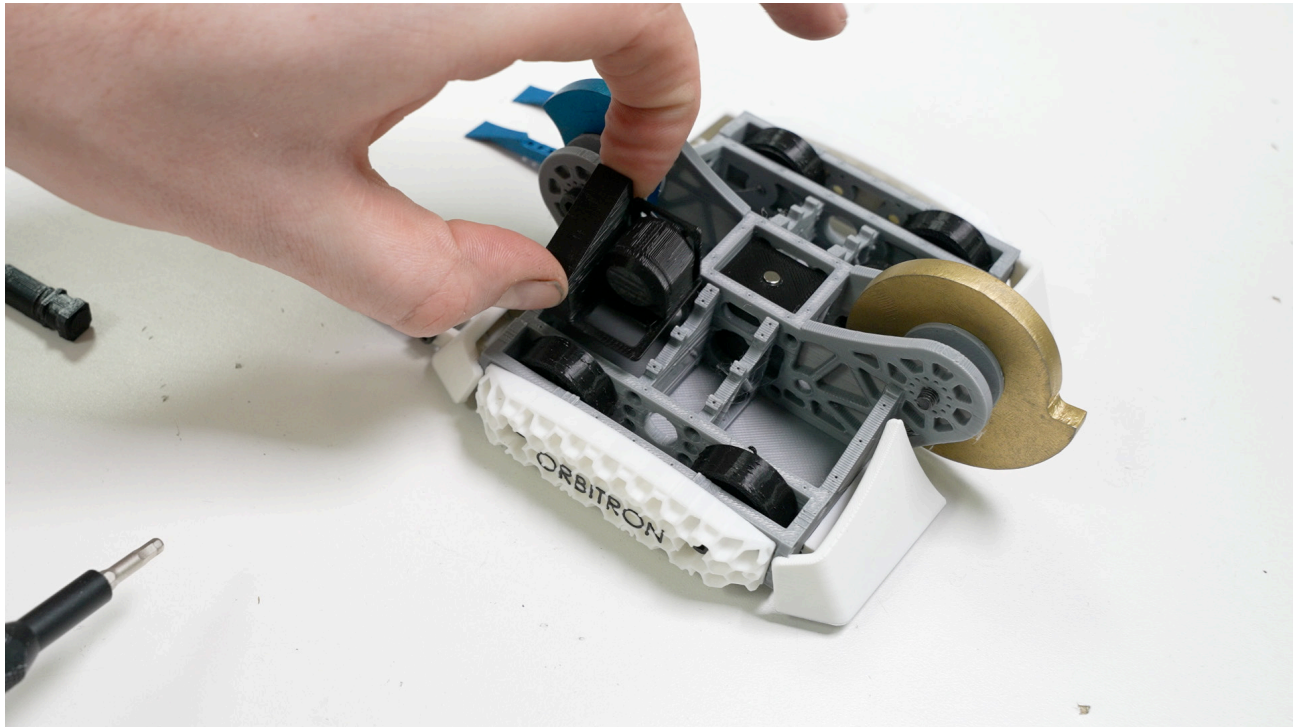
## PART 5: INTERNAL COMPONENTS



**STEP 1:** Insert a magnet into the top of the electronics box. Place the electronics box in the center of the frame.



**STEP 2:** Place the micro spinner motor assembly into the quadrant of the frame with the larger hole on the inner frame. Make sure the motor faces the inside of the frame. Repeat for the opposite side.

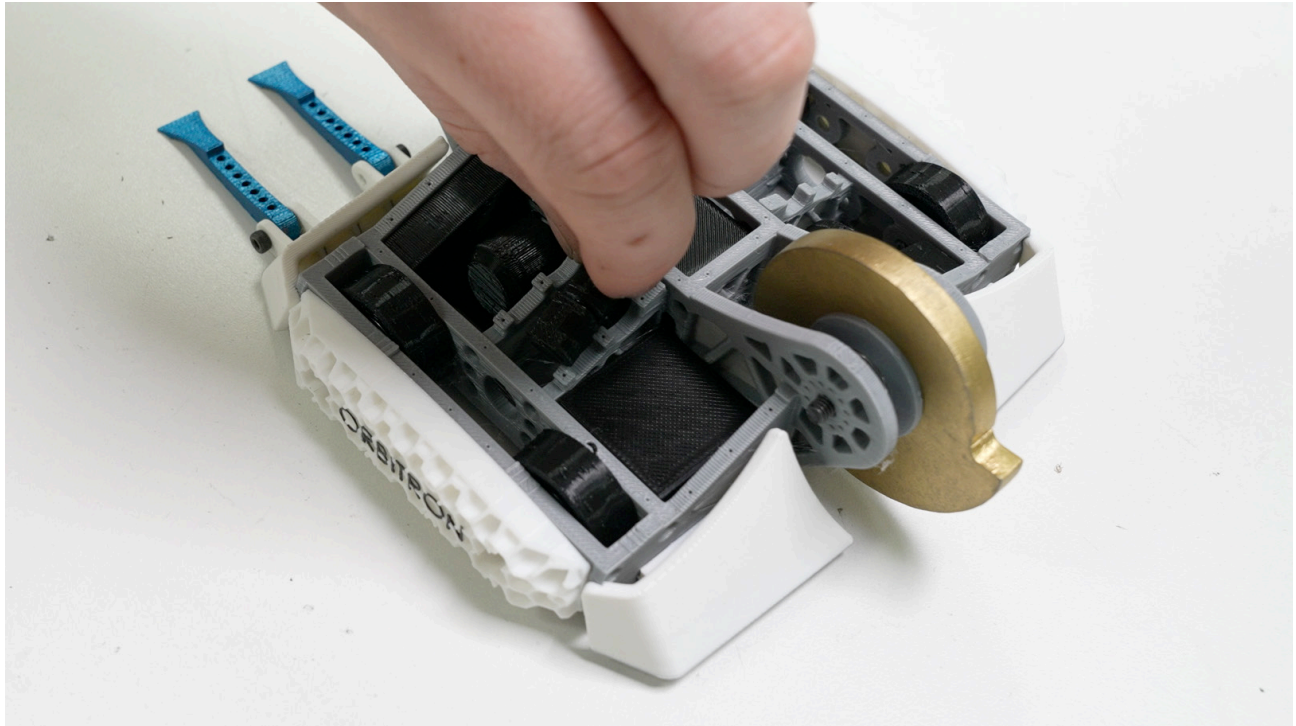


**STEP 3:** Insert the batteries into the remaining two corners and secure with a drop of superglue.





**STEP 4:** Insert the drive motor into the long narrow section of the frame, with the square side facing the wheels. Secure with a drop of superglue. Repeat for the other side.



**And that's it! Your scale model is fully assembled.**