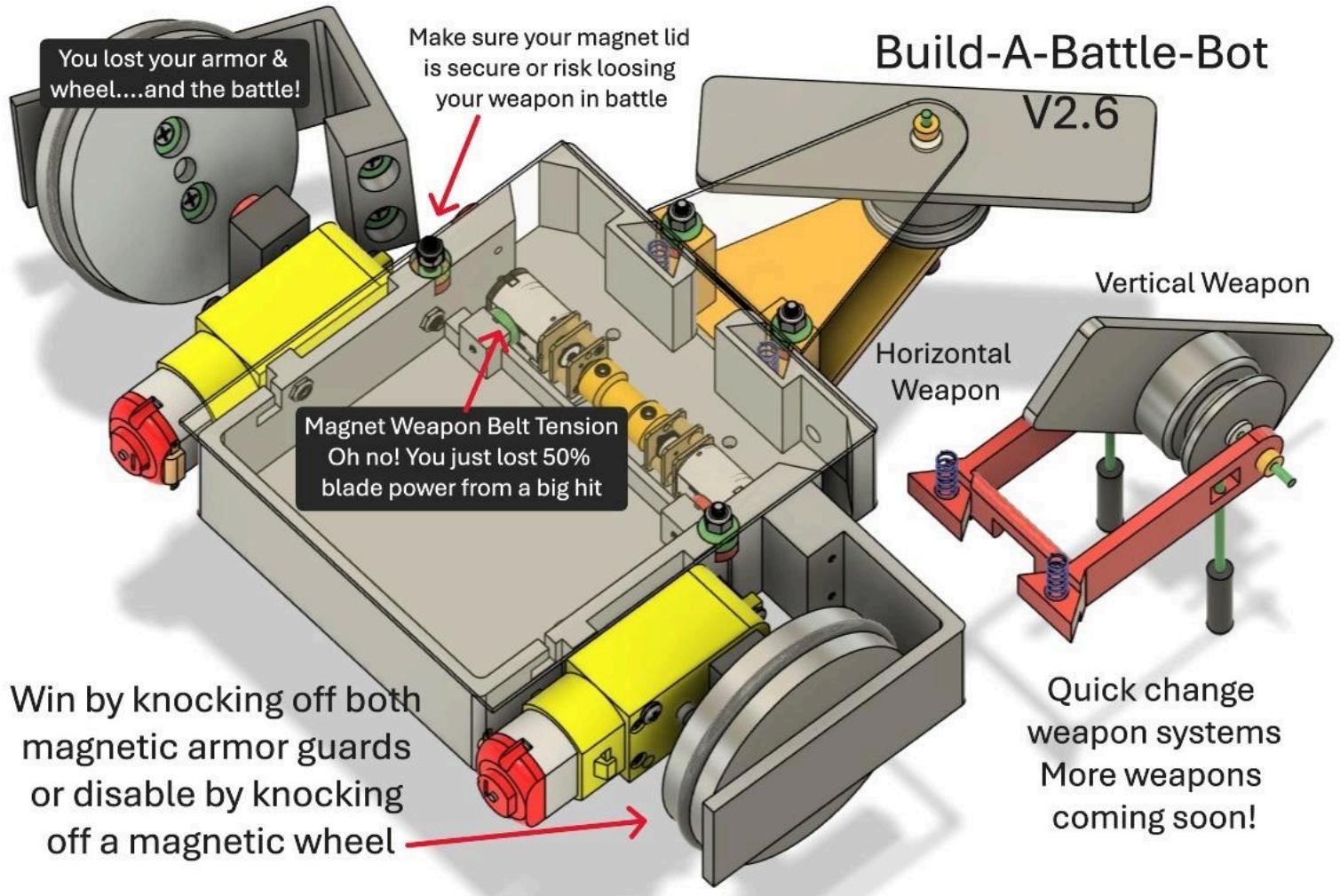


# Battle Robot Kit

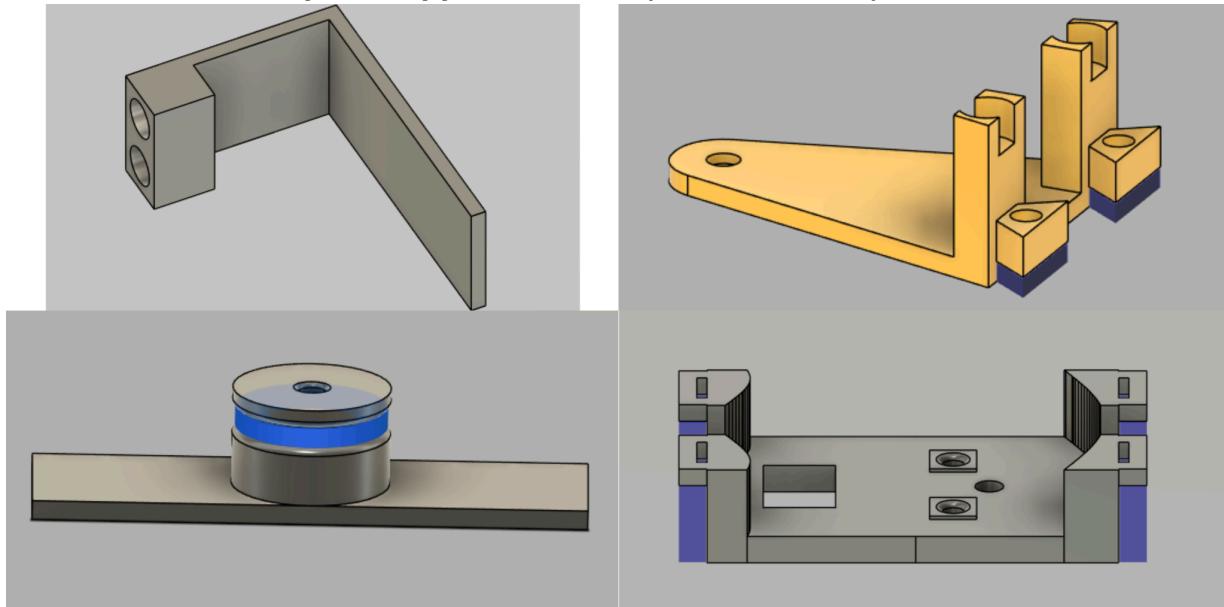
## Build-A-Battle-Bot V2.6.4

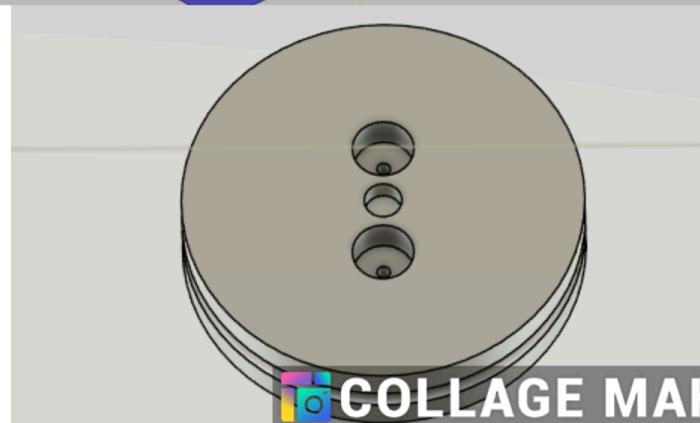
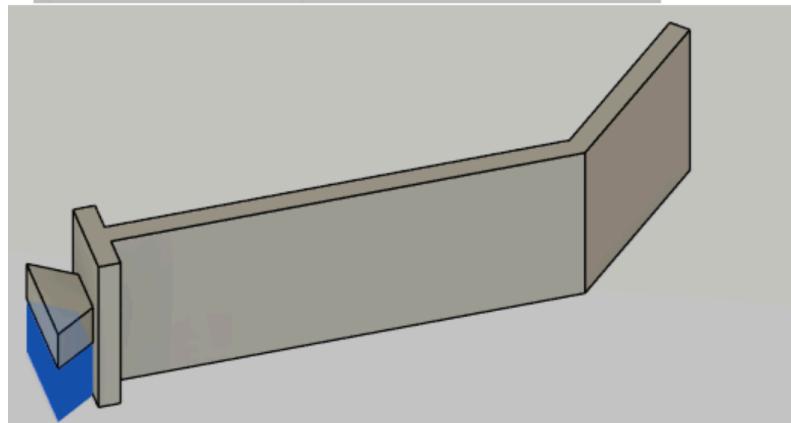
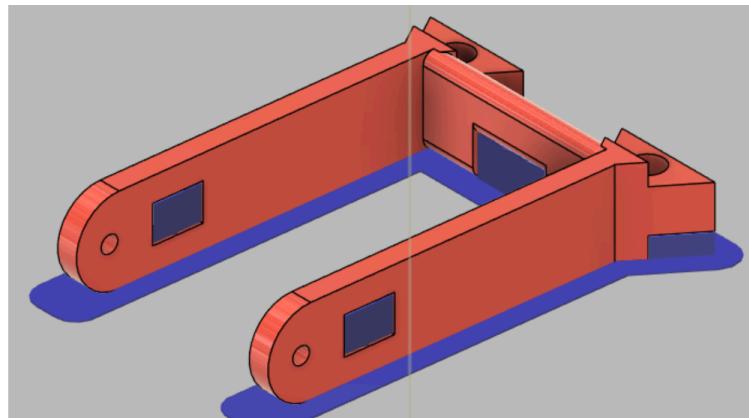
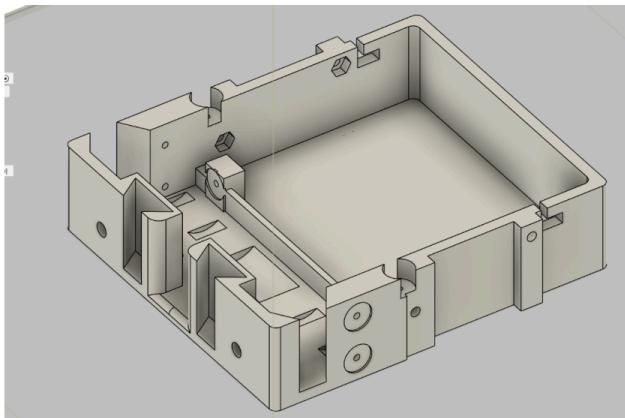


**Charge your batteries now so they are ready by the end of the build!!!**

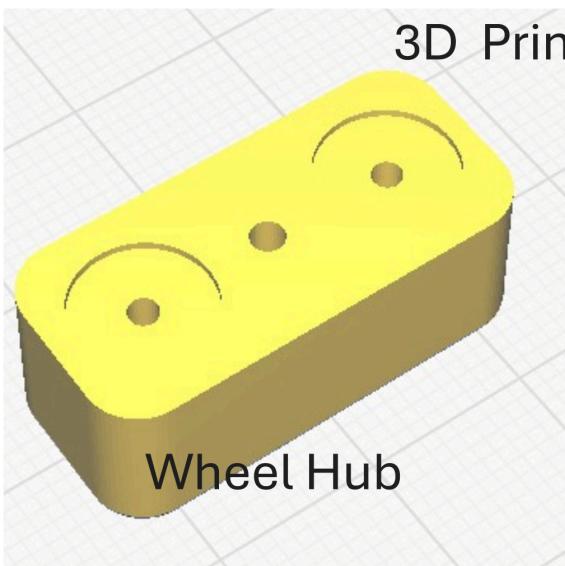
## **Step 1: See pictures below. Prep 3D Printed Parts**

**Needed: Tool to remove 3D print support material (Shown in blue). Screwdriver included works also**





 **COLLAGE MA**



3D Printed Parts

**Horizontal Top Plate**  
Print you own only  
Clear Plastic with full kit



**Lid**  
Print you own only  
Clear Plastic with full kit

**Pully**  
Print you own only  
Metal pulley with full kit

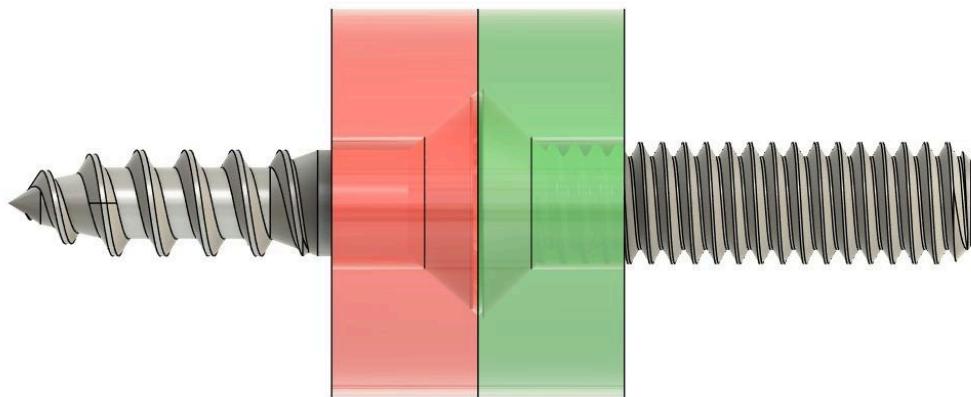


Build-A-Battle-Bot V2.6

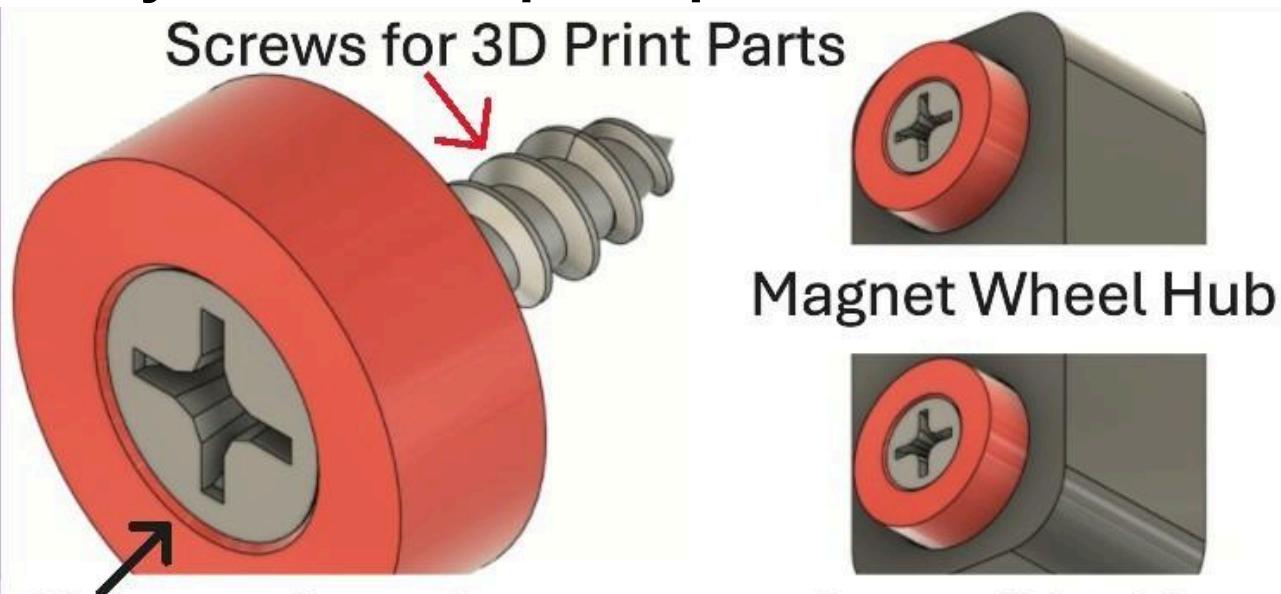
**Step 2: Separate all magnets from all the bags into N & S.**  
**Pick N or S and attach **magnets** to chassis, horizontal weapon & wheel hubs. See Pictures below.**

**Be careful with the magnets as if you let them snap together, they will crack!!!**

**(2 extra magnets included with weapon system)**

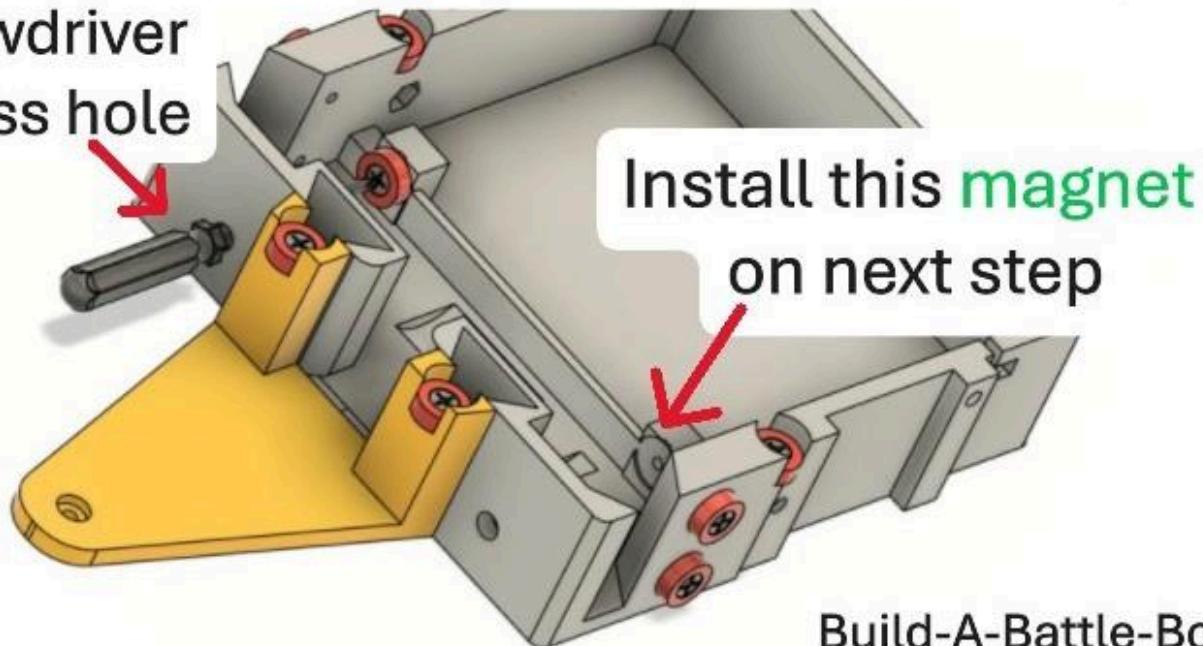


**North & South magnets. Magnets polarity you choose for step 2 & 3 not important but they must be opposite polarity for each steps so parts attach to each other**



**Choose a bag of magnets and use all in this step**

File tip of screwdriver for better torque. Dont over tighten. Snug fit desired  
**Screwdriver access hole**

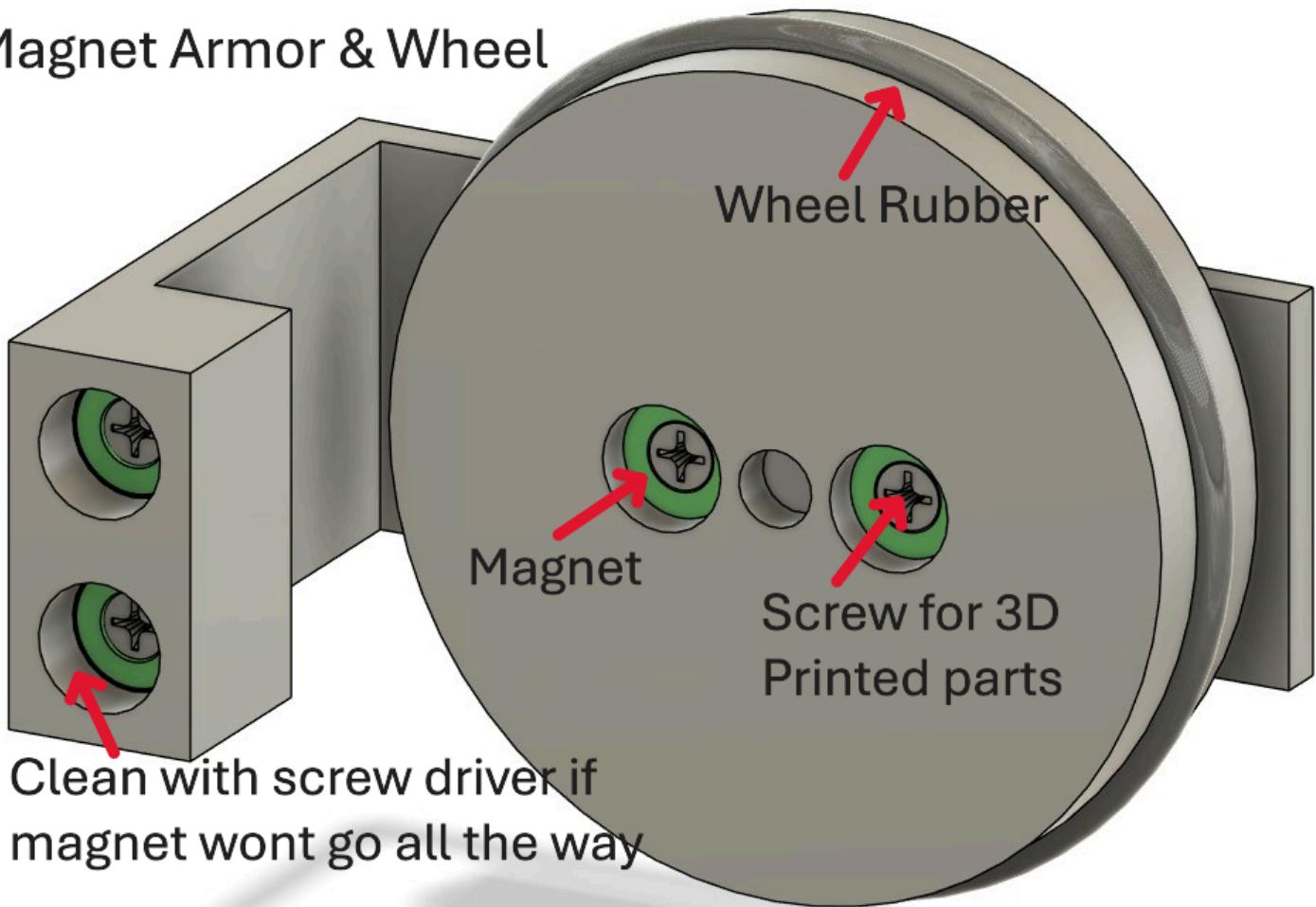


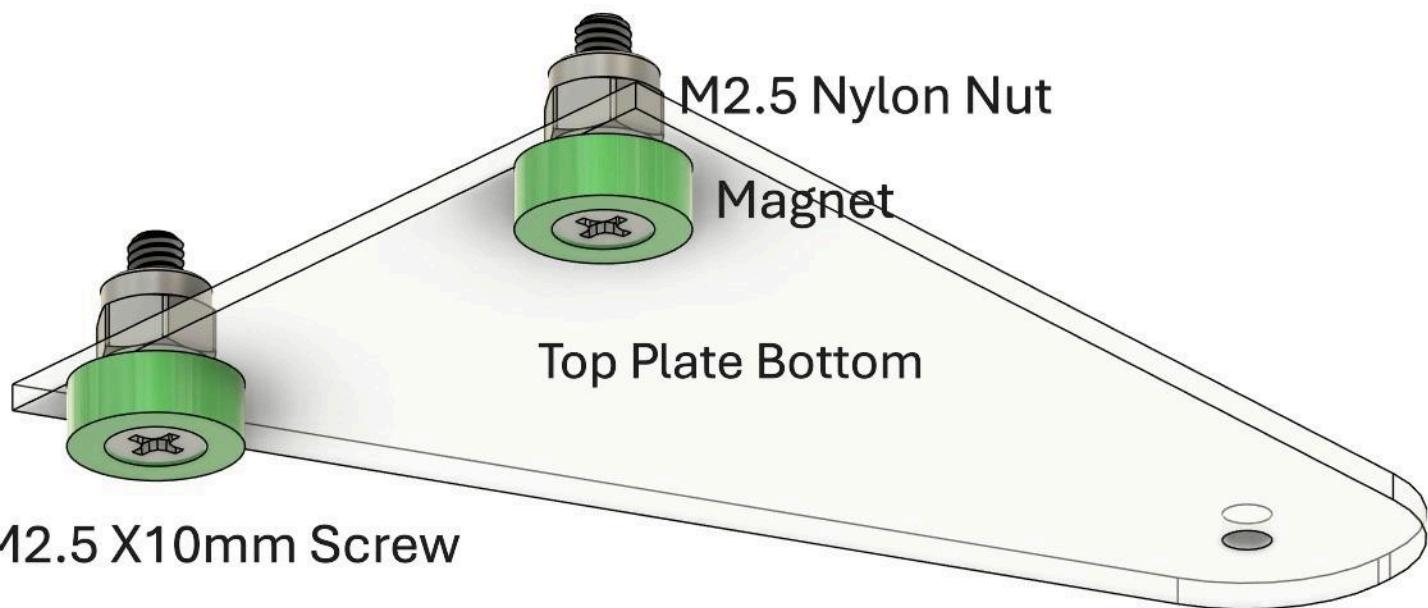
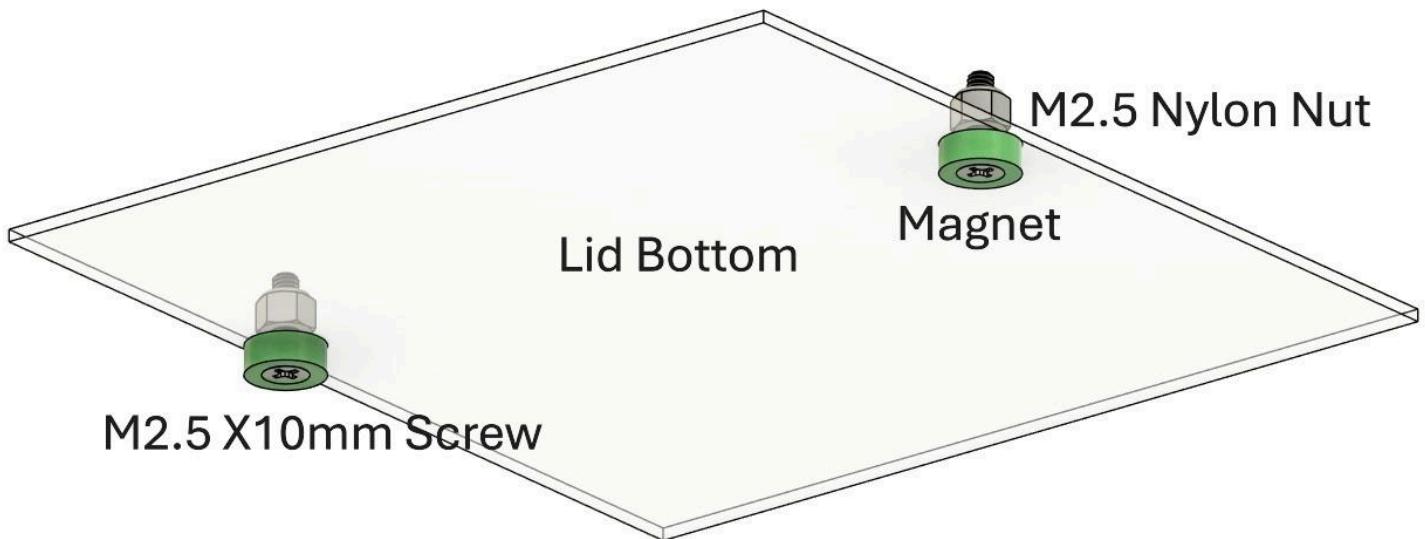
Build-A-Battle-Bot V2.6

### Step 3: Attach opposite polarity magnets to lid, top plate, wheels, armor & 1 to chassis. See pictures below

Tools needed: Pliers, wrench or socket to hold 2.5mm nylon hex nut to install magnet to lid & top plate.

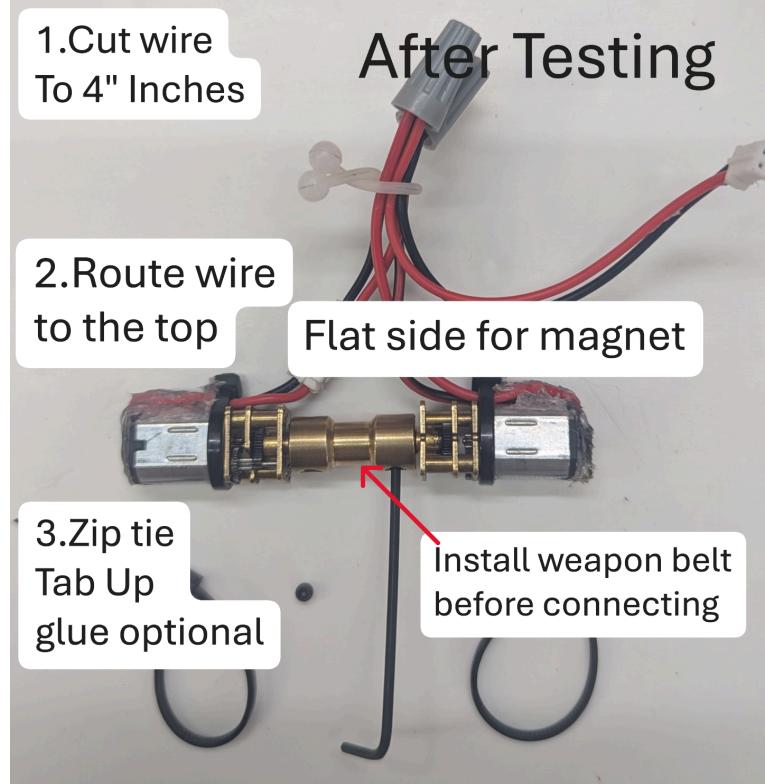
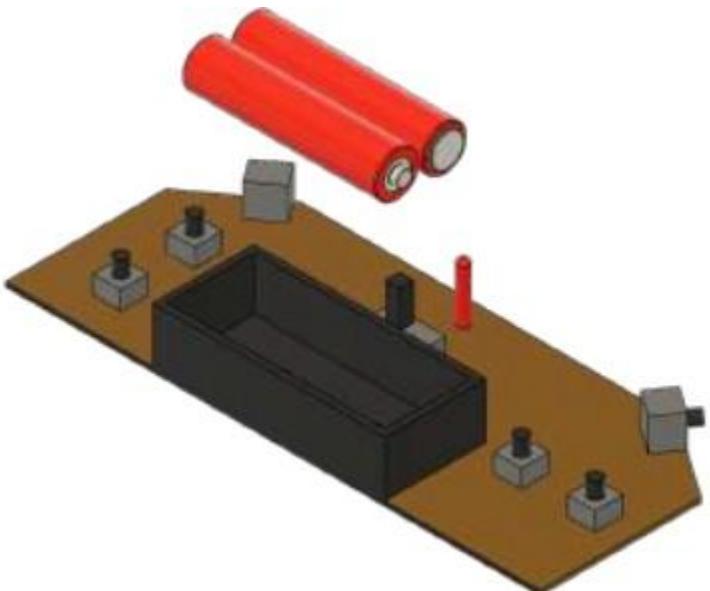
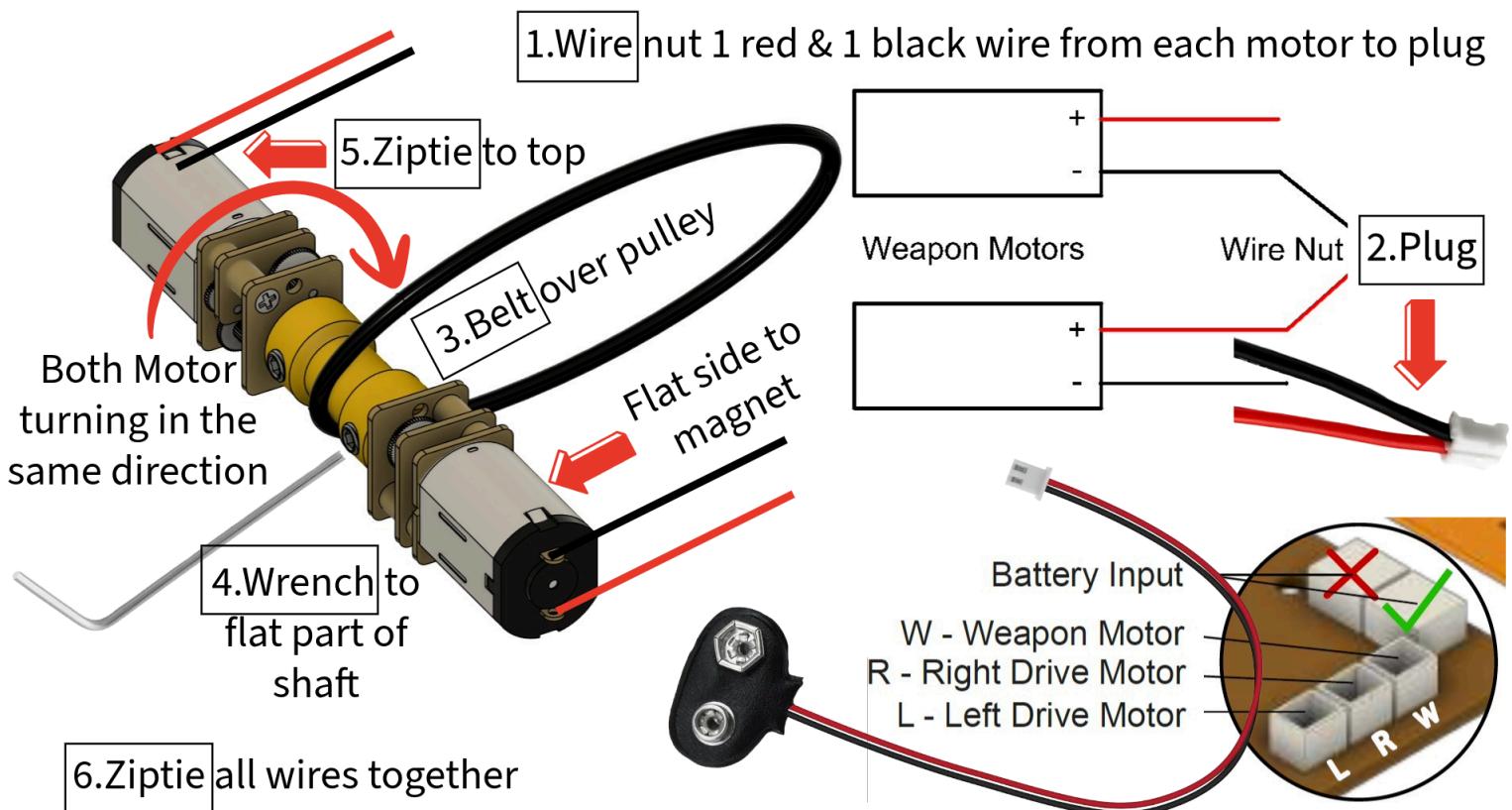
Magnet Armor & Wheel





## Step 4: Weapon System

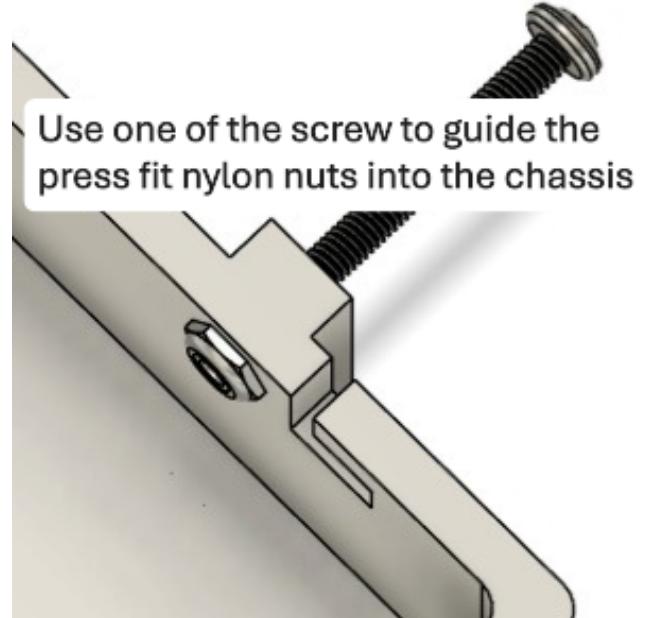
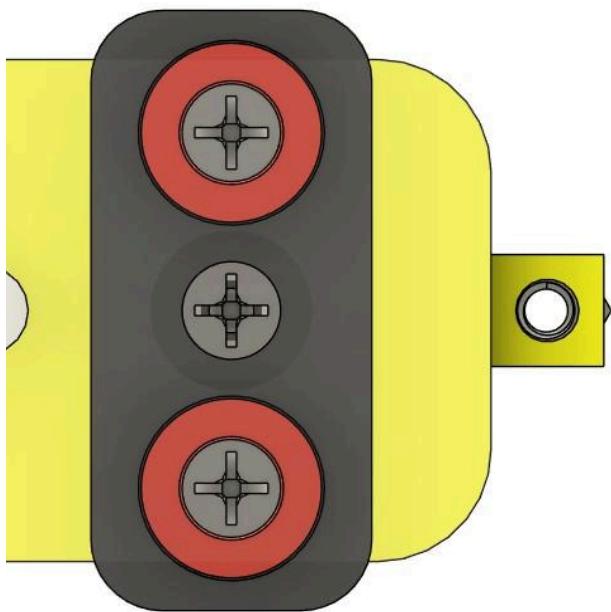
**Not Provided:** Something to strip the wire and cut zip ties. Scissors will work



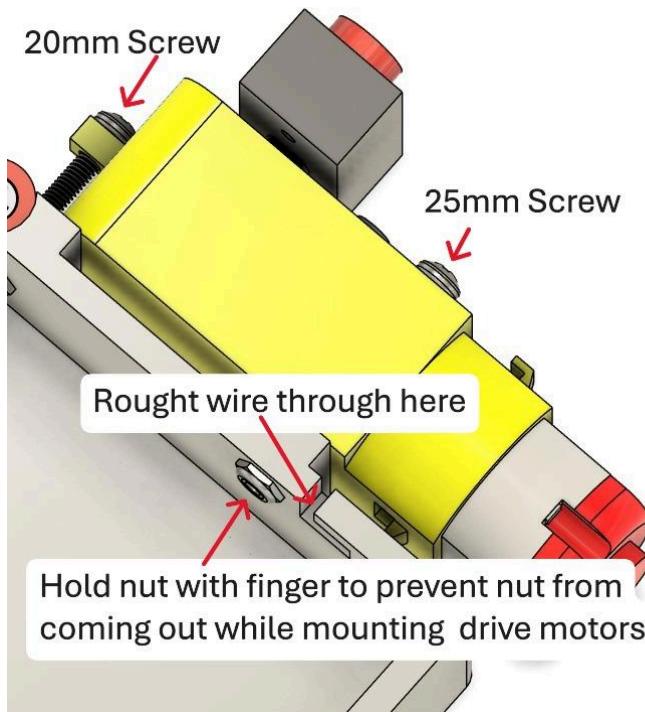
## Step 5: Mount Drive Motors & Test

**Provided:** Chassis, drive motors, screw driver and drive motor mounting screws.

1. Press the wheel hub onto the drive motors. Placing the hub on a hard surface and pressing the motor shaft into the hub works best. Clean hub with screwdriver if it won't press on with a little force. Then use one of the plastic screws to secure the hub to the motor



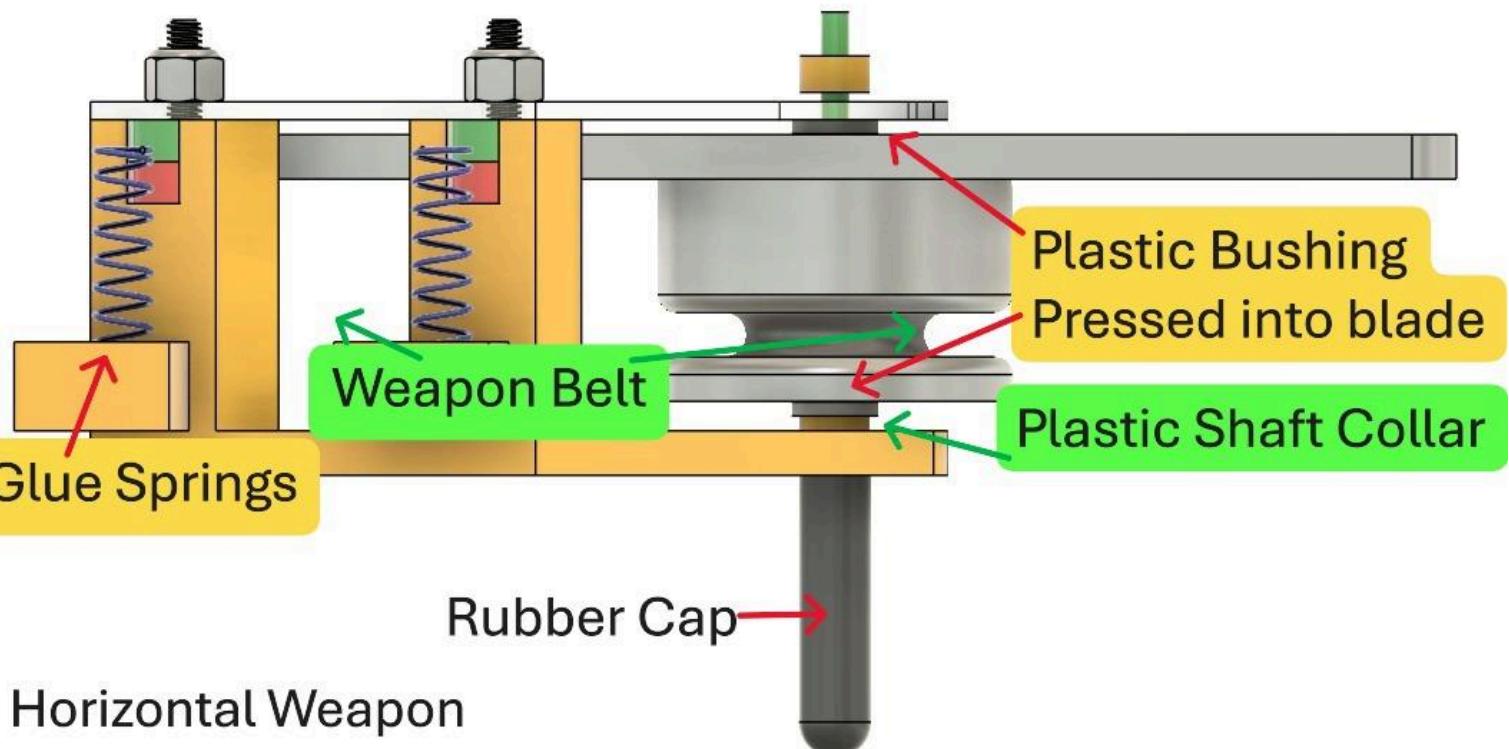
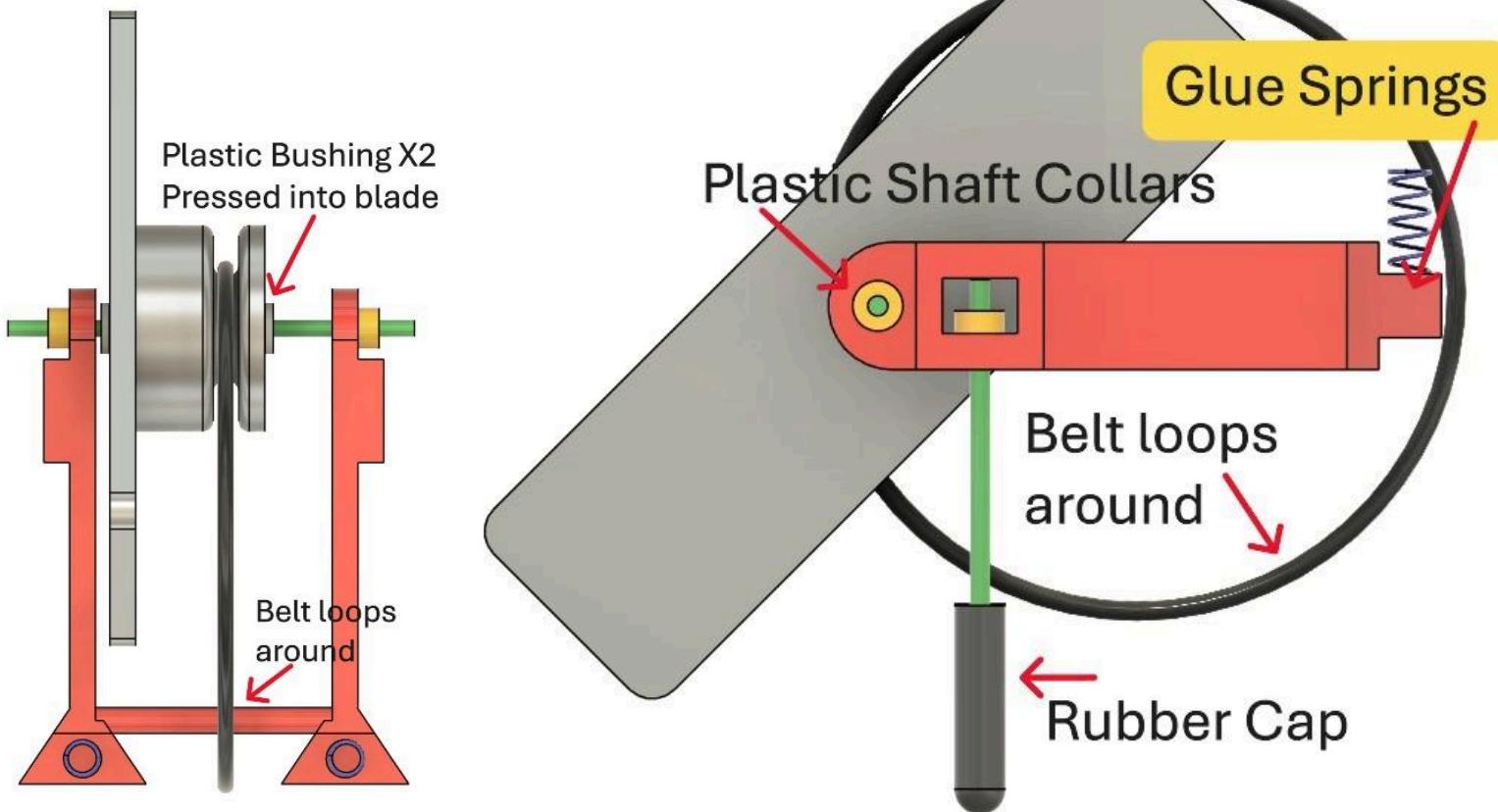
Press the nuts x 4 into the chassis. Use one of the screws to guide the nuts into the chassis. See picture above



## Step 6: Mount weapon blade

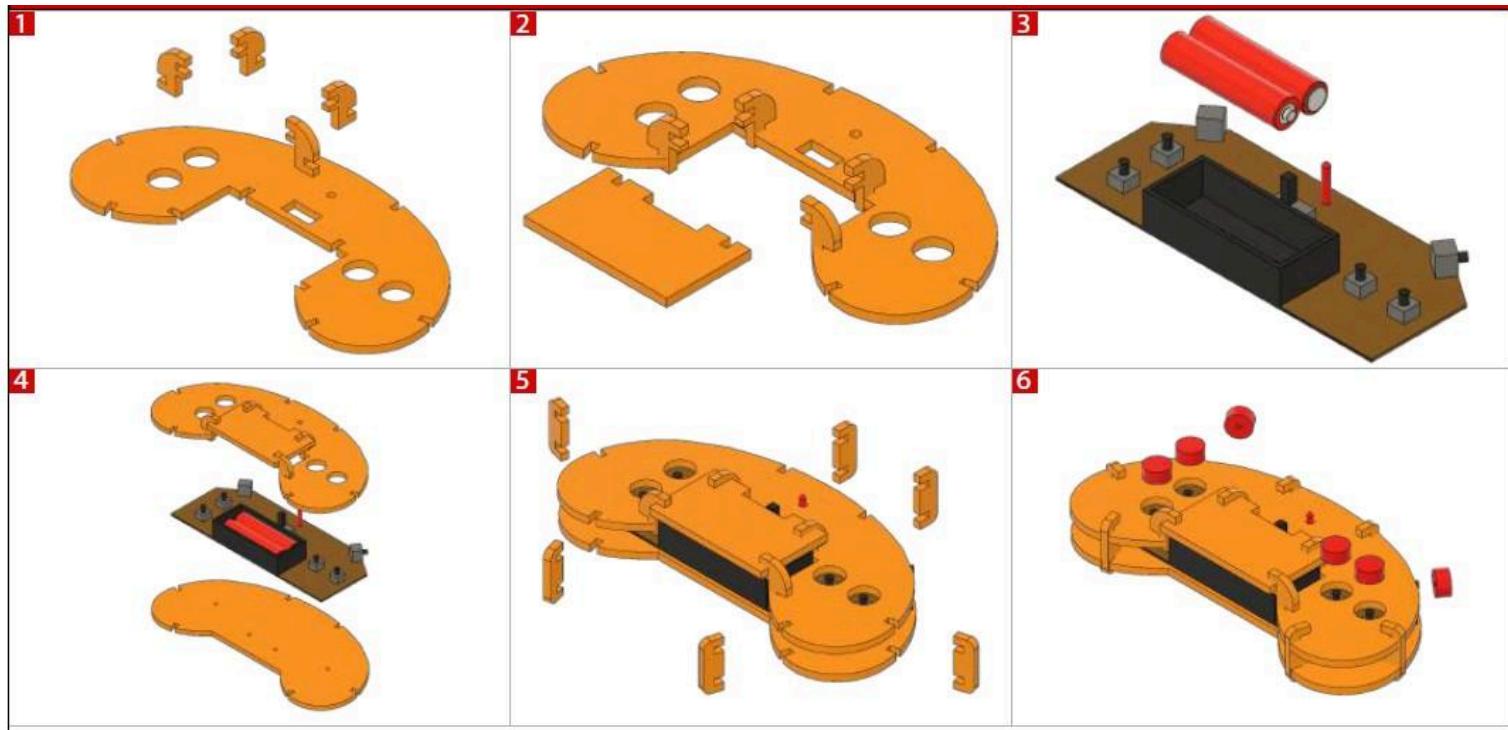
**Provided:** Weapon blade, weapon attachment, belt, springs, crazy glue, shafts, bushings, screw driver, shaft collars & rubber caps.

### Vertical Weapon



## Step 8: Remote

**Not Provided:** AA Batteries X2 for remote



4. Use the screwdriver and screws provided to mount the remote board to the back plate

