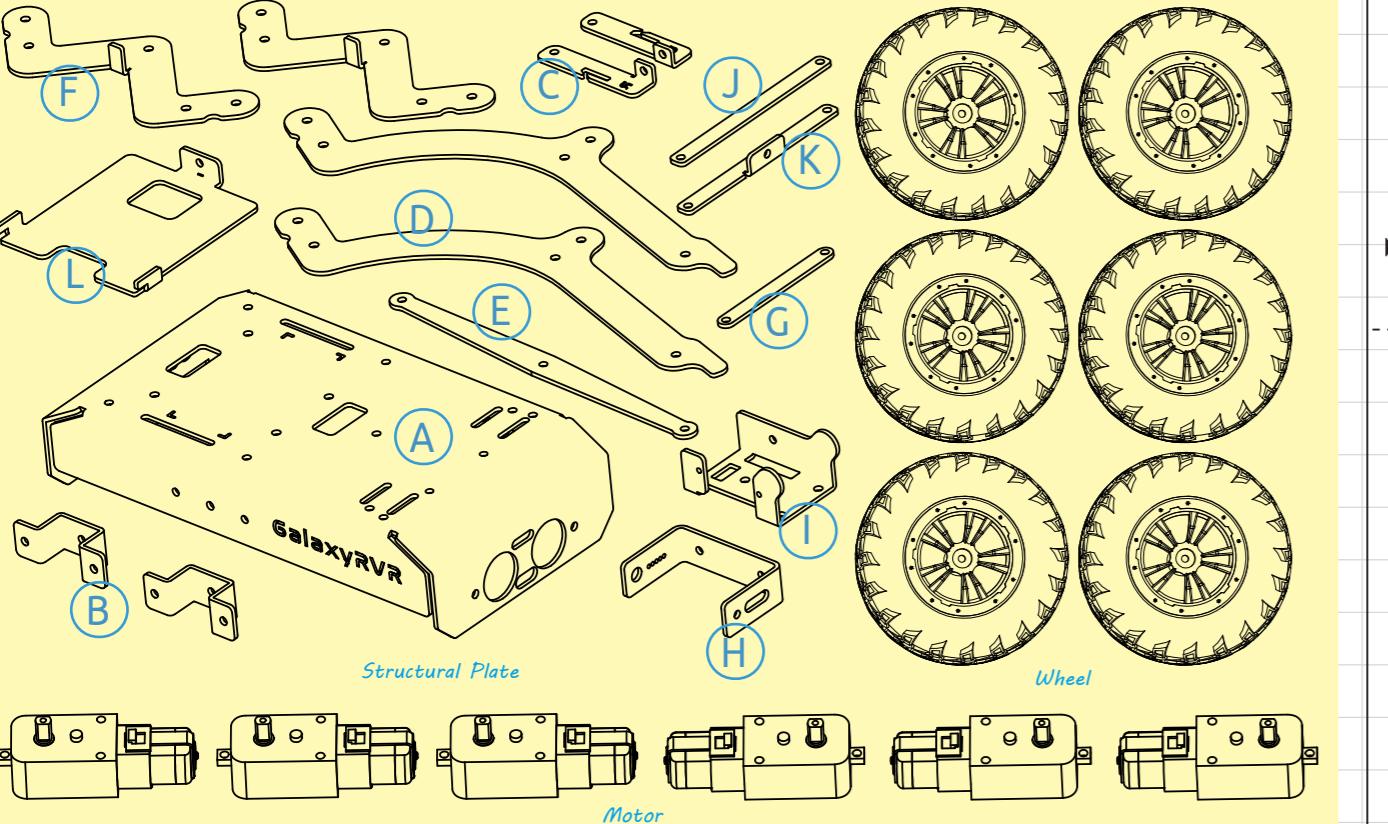


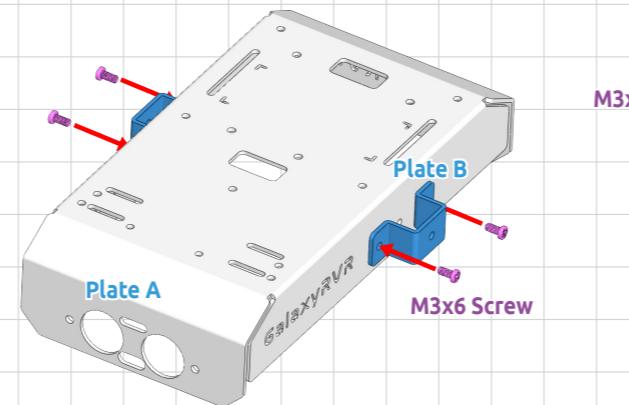
SUNFOUNDER GALAXYRVR KIT

Get tutorial at: galaxy-rvr.rtfd.io

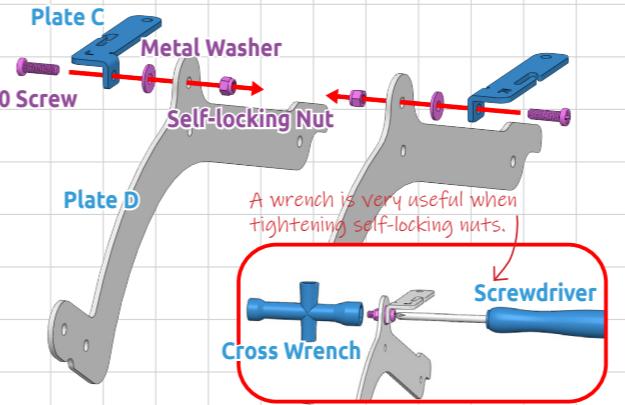


M1.5x3 Screw(4)	M3x6 Screw(21)	M3x10 Screw(7)	M3x14 Screw(4)	M2.3x20 Screw(8)	M3x25 Screw(16)	Self-locking Nut(11)	M3 Nut(14)	Spring Washer(14)	Metal Washer(10)	Acrylic Washer(4)	R2056 Rivet(4)	R3055 Rivet(5)	R3065 Rivet(3)	R3090 Rivet(4)	M3x8+6 Standoff(8)	M3x28 Standoff(4)	M3x30+6 Standoff(10)	Foam Tape(3)	Fiber Tape(2)	Velcro Sticker	Shaft Adapter(6)
R3 Board	GalaxyRVR Shield	ESP32 CAM	Camera Adapter	IR Obstacle Avoidance Module	RGB Strips	Ultrasonic Module	Servo (with package)	Wrench	Battery	Acrylic Plate	Solar Panel	Cable Wrap	5 Pin Wire	4 Pin Wire	3 Pin Wire	USB-C Cable	USB-B Cable				
Z0112V10																					

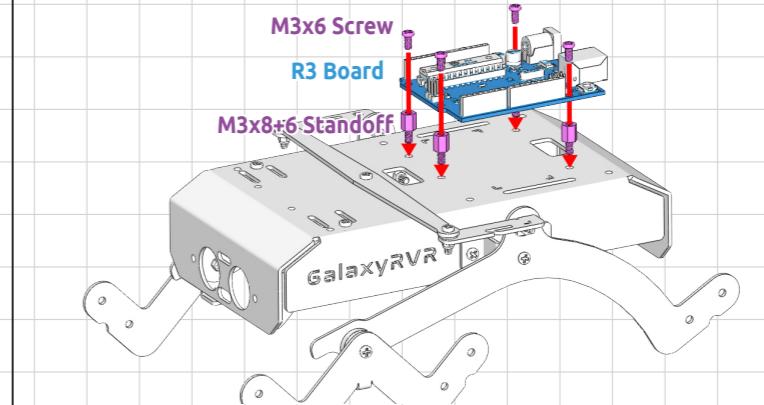
ASSEMBLY



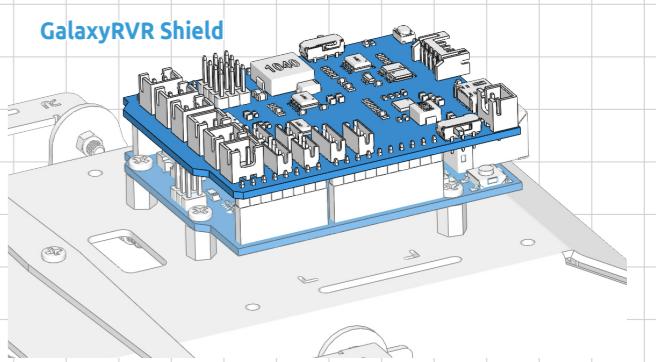
Step 1
Secure plate B to both sides of plate A.



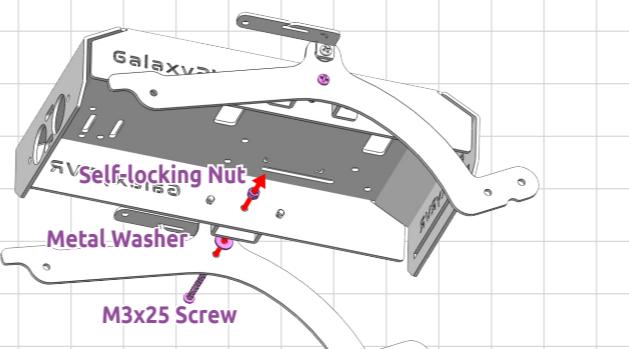
Step 2
Secure plate C to plate D, forming two sets with the opposite directions of plate C.



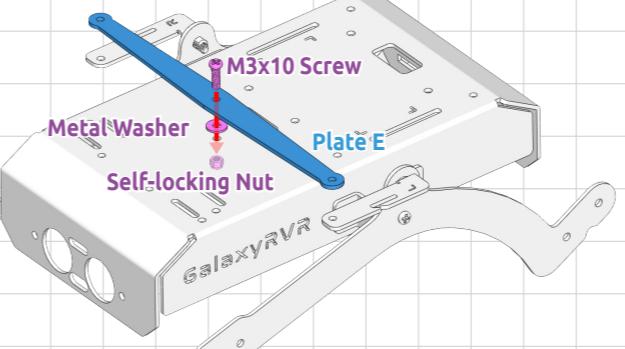
Step 9
Now, mount the R3 board.



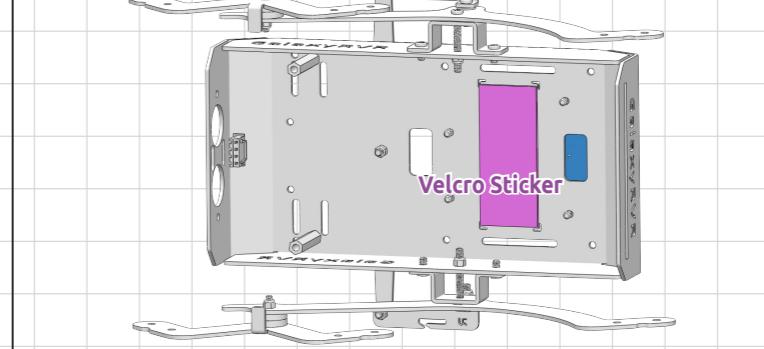
Step 10
And then insert the galaxyRVR shield.



Step 3
Secure the assembled plate D to both sides of plate A.



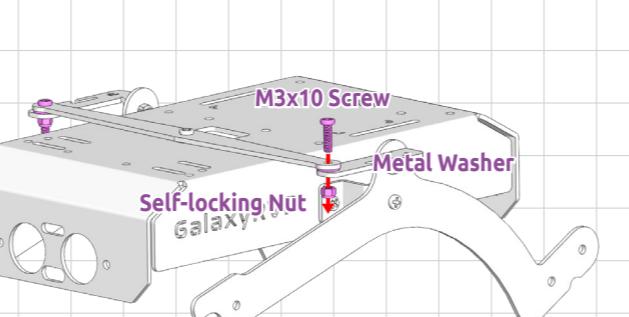
Step 4
Assemble plate E to the body.



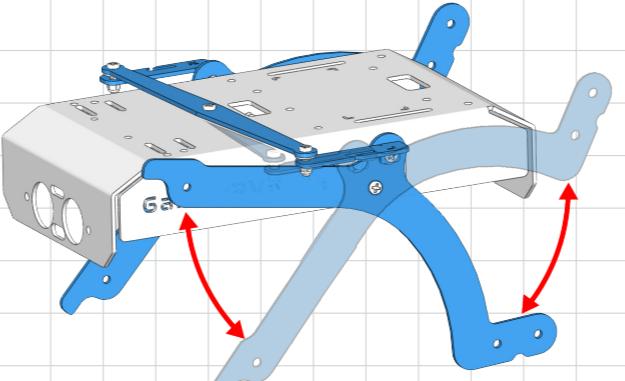
Step 11
Stick one side of the velcro to the bottom of plate A.



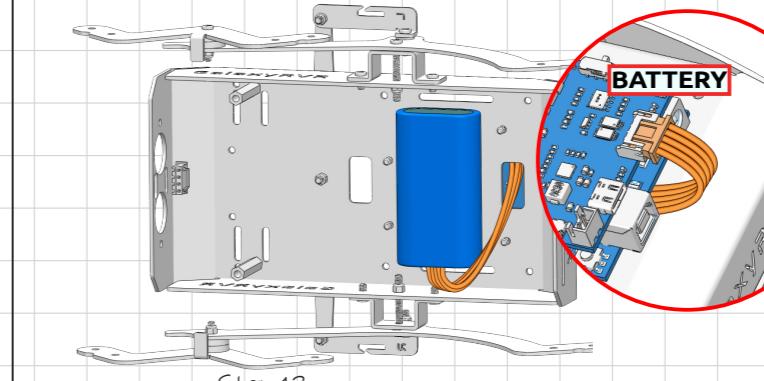
Step 12
Stick the other side to the battery.



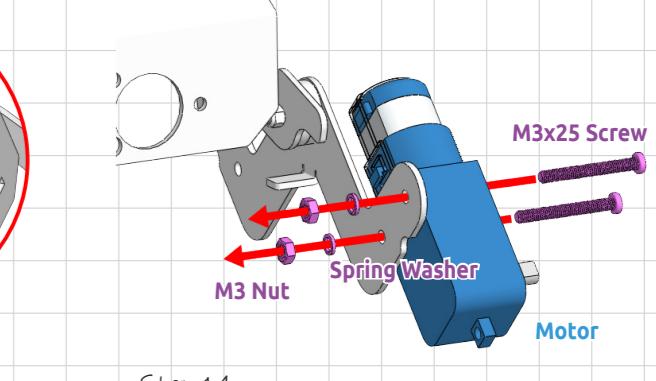
Step 5
Secure plate C to plate E using screws and self-locking nuts.



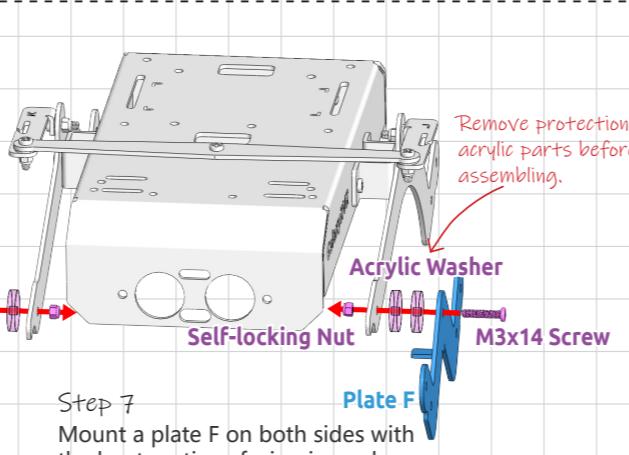
Step 6
All parts using self-locking nuts should be movable. This can be achieved by tightening the self-locking nuts and then slightly loosening them.



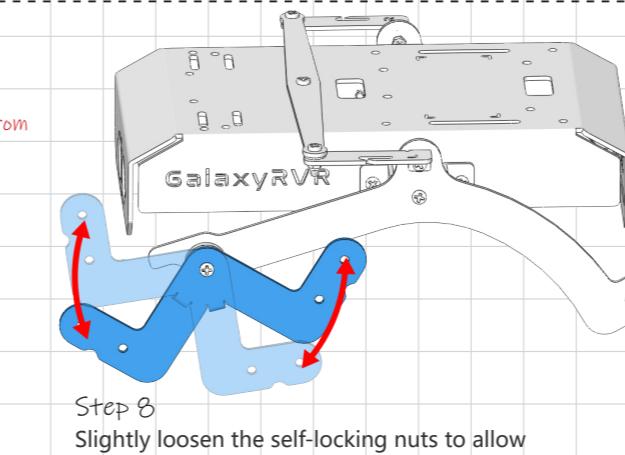
Step 13
Stick the battery to the underside of plate A and connect its wire to the shield.



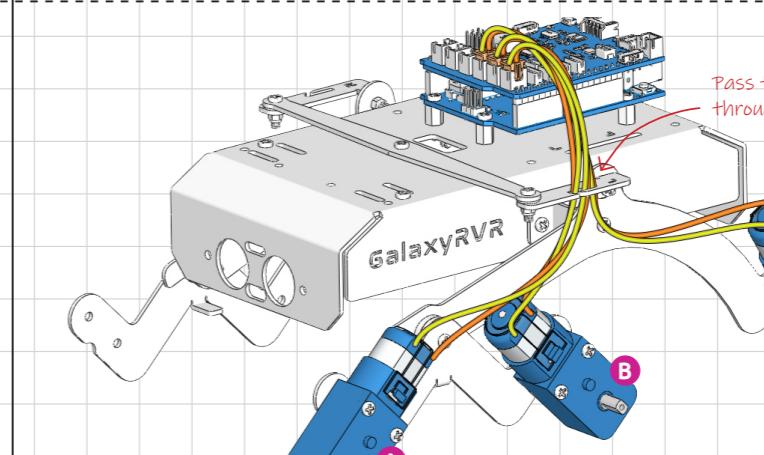
Step 14
Install the motor on the outside of plate F, with the motor shaft facing outward.



Step 7
Remove protection from acrylic parts before assembling.



Step 8
Slightly loosen the self-locking nuts to allow plate F to rotate.



Step 15
Attach the three motors on the left side and connect their wires to the corresponding ports.



GalaxyRVR Shield

