

KI-0555 EZ-inMoov Robot Head Kit - Assembly Instructions v0.2

HARDWARE LIST M3 x 0.5mm M2 x 0.4mm М3 M3 x 0.5mm M2 No. 8 Length: 6mm Length: 14mm Length: 20mm Length: 10mm Length: 34" Length: 10mm Black-Oxide Black-Oxide Pan Head Phillips Black-Oxide Flat Head Phillips Flange Head Phillips Pan Head Phillips **Hex drive Flat Head Hex drive Flat Head** Thread forming Wood/Metal Screw **Wood/Metal Screw Machine Screw Machine Screw Machine Screw** Screw x 34 x 37 **x** 4 No.2 No.1 No.1 No.2 2mm 1.27mm **Phillips Phillips Phillips Phillips** Allen Key Allen Key Screwdriver Screwdriver Screwdriver Screwdriver

TOOL LIST

M3 x 0.5mm

Needlenose

Pliers

x 4

Steel Hex Nut

OPTIONAL TOOLS & MATERIALS











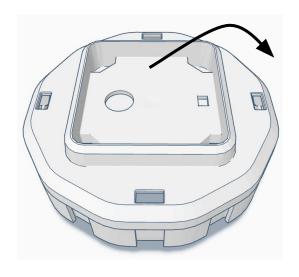




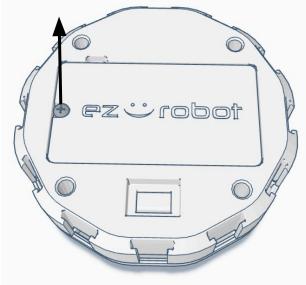
Electric Precision Screwdriver for threading hardware

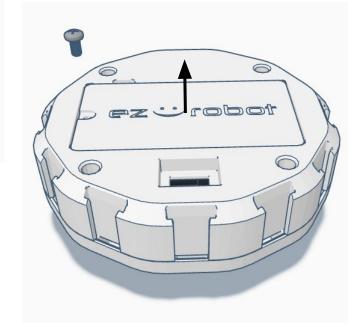
Utility Knife for cleaning up 3D prints

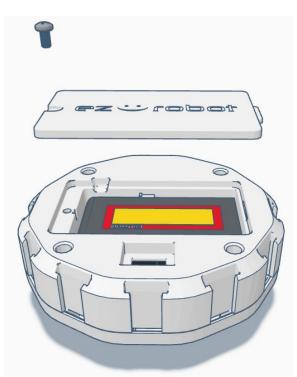
Side cutters used with Safety Glasses Needle Files for cleaning up 3D prints

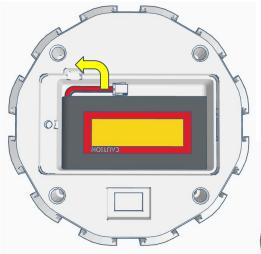


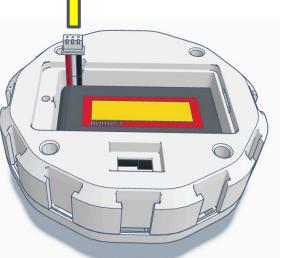


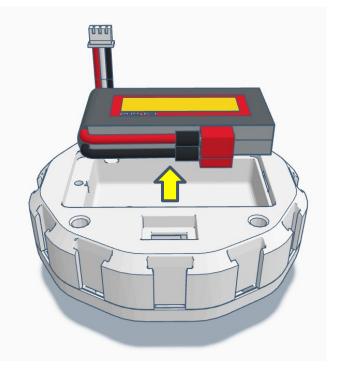


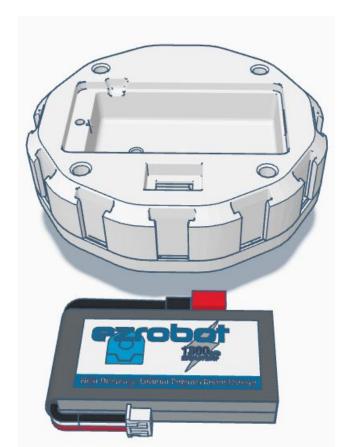










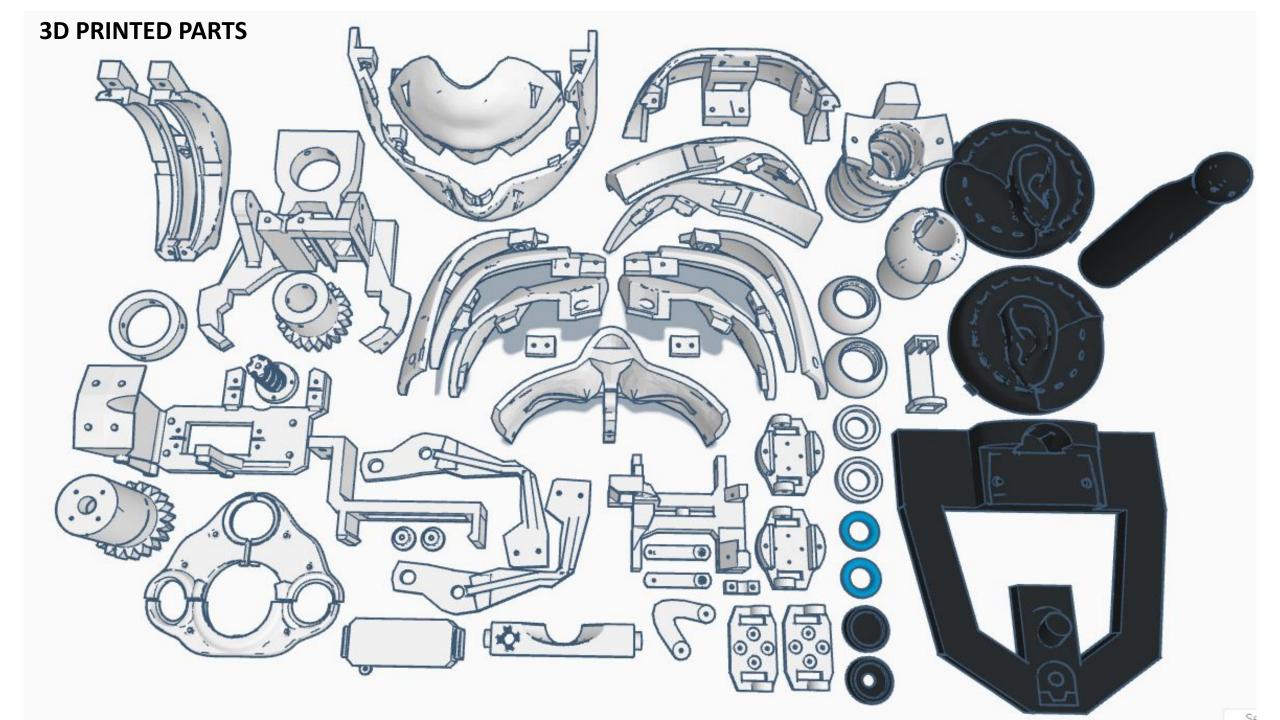




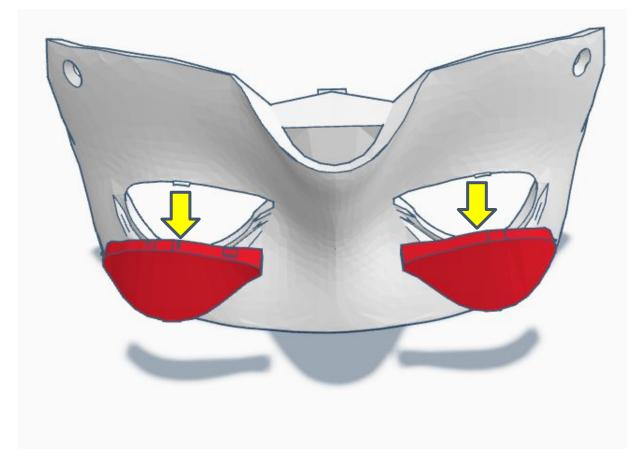
3D PRINTED PART LIST

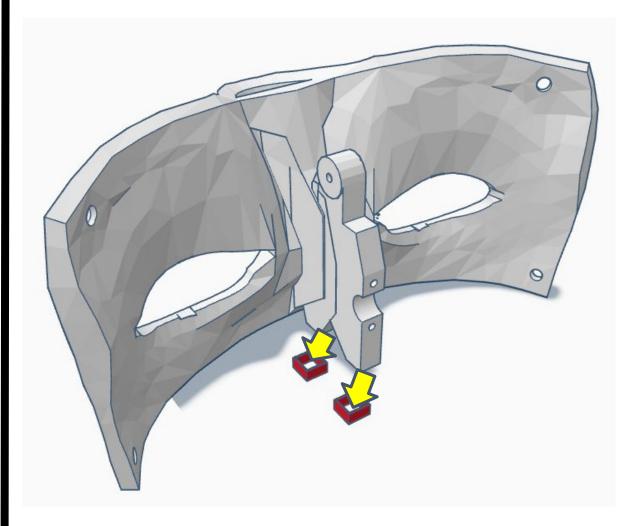
Qty	3D Printed Part	Recommended Color
1	EarLeftV1	Black
1	EarRightV1	Black
2	EyeBallSupportEZcameraV2	Any color
2	EyePlateV2	Any color
1	EyeBallCameraPupil	Black
1	EyeBallSolidPupil	Black
2	EyeBallV2	White
2	EyeBalliris	Blue, Green, Brown, etc.
2	EyeBallinsertV2	White
1	EyeglassV5	White
1	EyeHingeLeftV3	Any color
1	EyeHingeRightV3	Any color
1	EyeHingeCurveV1	Any color
1	EyeSupportV6	Any color
1	EyeHolderV1	Any color
1	ServoGearV3	White
1	MainGearV3	White
1	RingV3	Any color
1	VoiceBoxV1	White
1	JawPistonV2	White

Qty	3D Printed Part	Recommended Color
1	JawSupportV2	White
1	JawHingeV1_wide	White
1	JawV5	White
2	PivotCupV2	Anycolor
1	Head_Stand_EZ-Robot_Logo	Black
1	NeckPistonFrontV2	Black
1	NeckPlateV3	White
1	NeckPlateHighV3	White
1	NeckJointLowerV5	White
1	NeckV3	White
1	LowBackV6	White
1	SideHearV5	White
1	TopBackSkullV5	White
1	TopMouthV5	White
1	TopSkullLeftV5	White
1	TopSkullRightV5	White
1	UnitedInternalSupportV1	Any color
1	BatterySupportV1	Any color
1	SkullServoV2	Any color
1	PowerClipV1	Any color

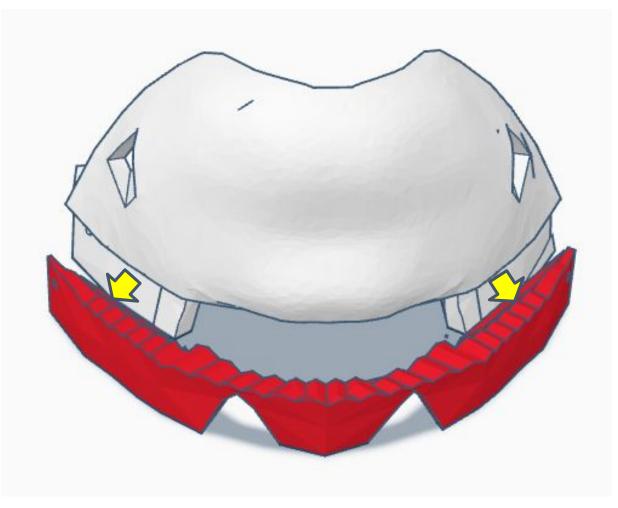


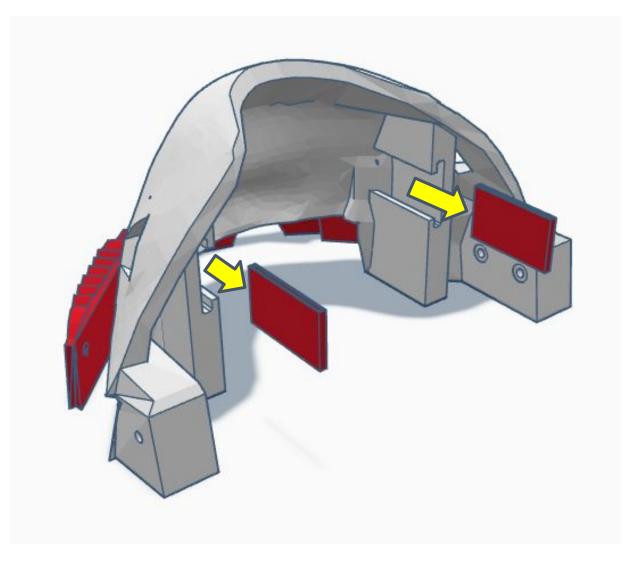


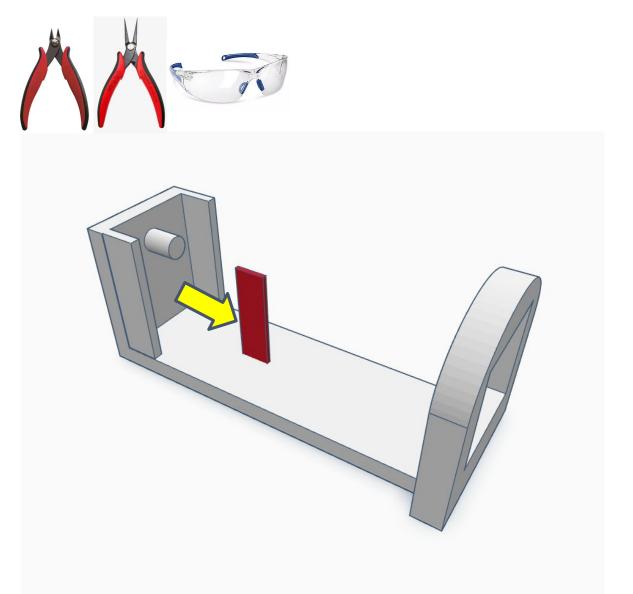


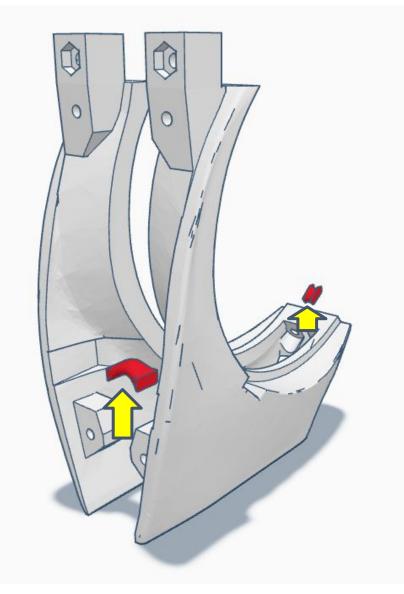


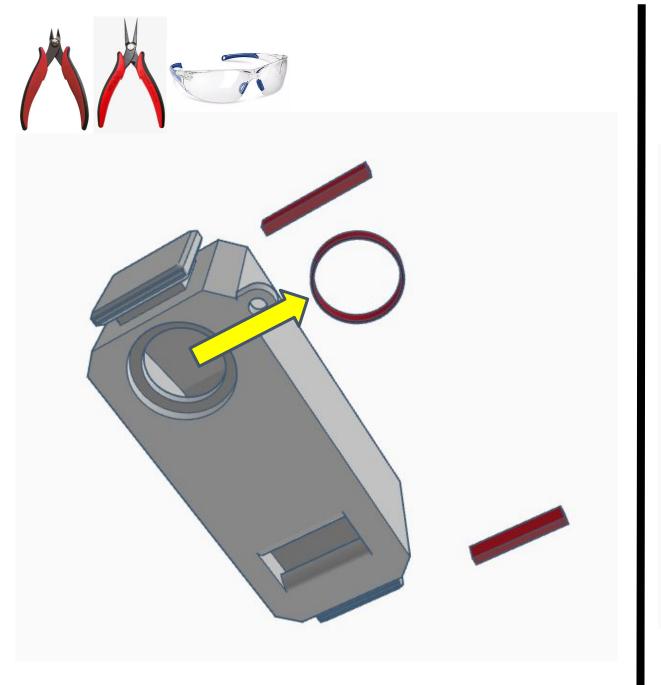


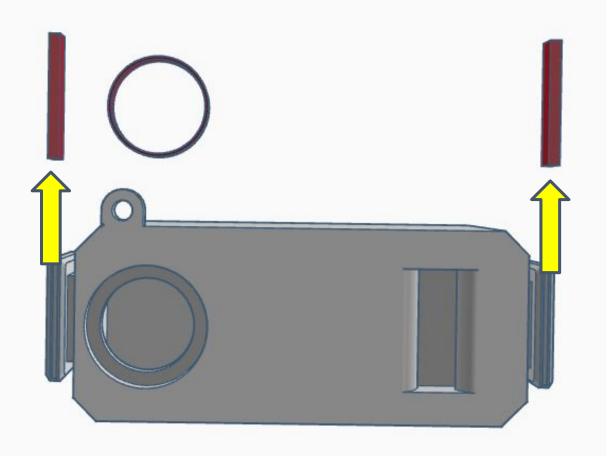




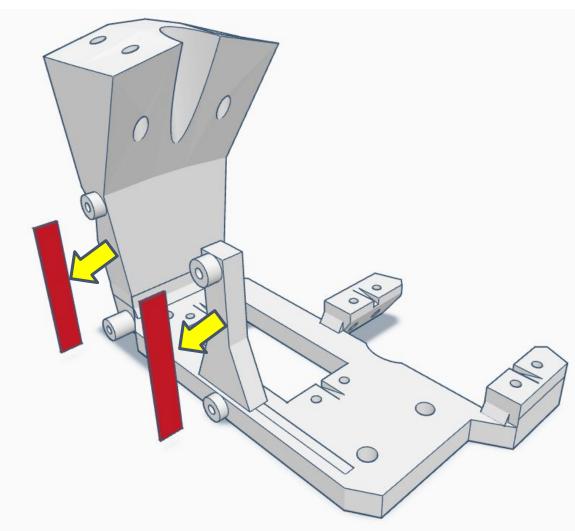


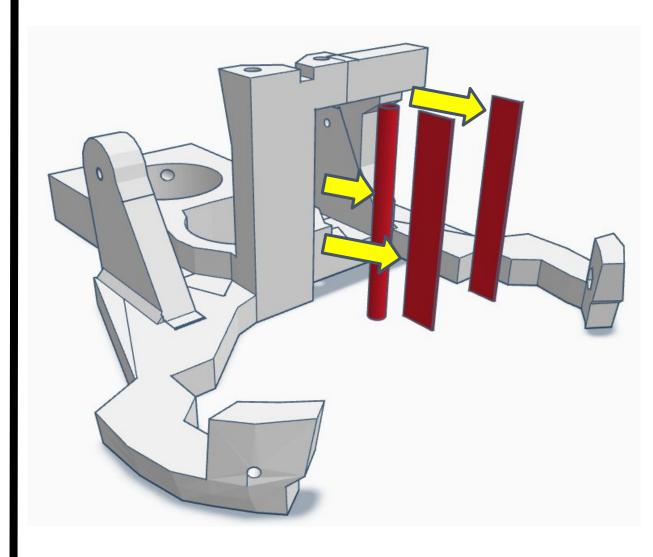


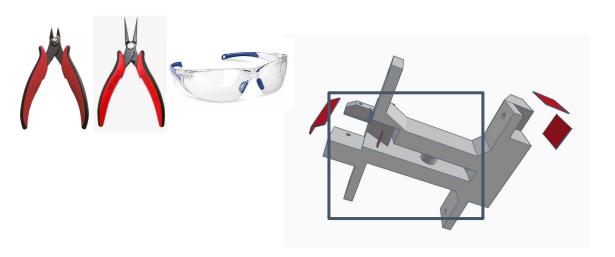


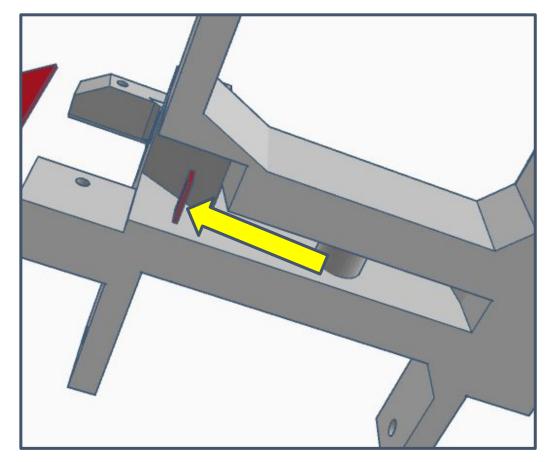


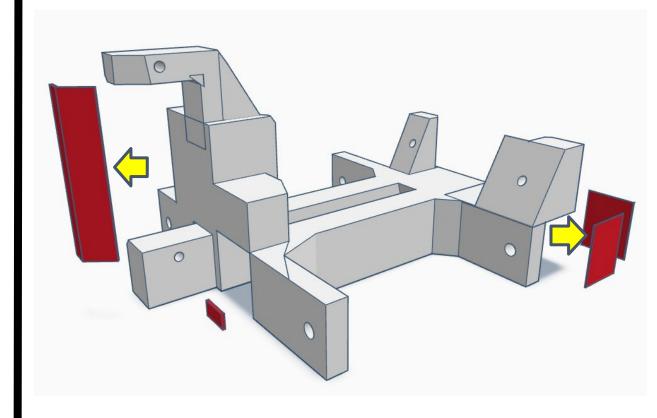




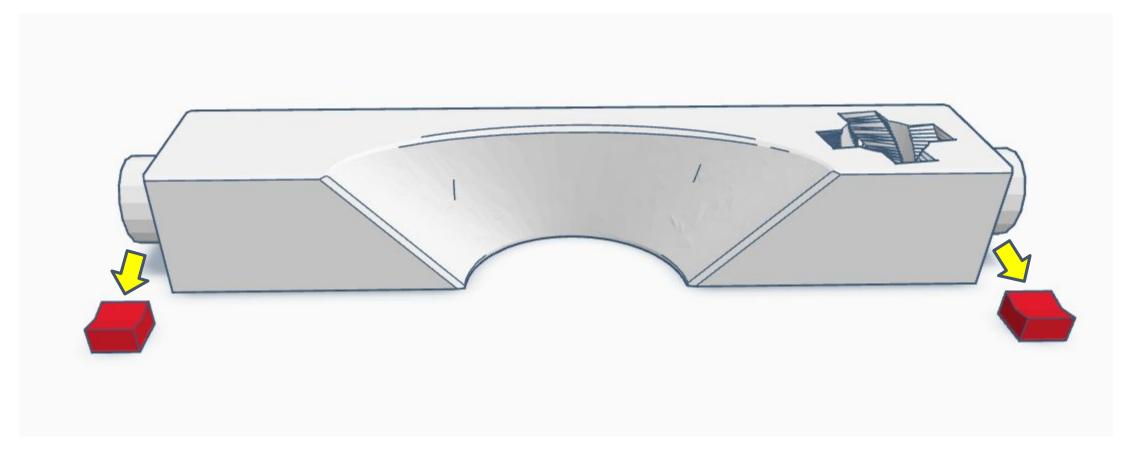




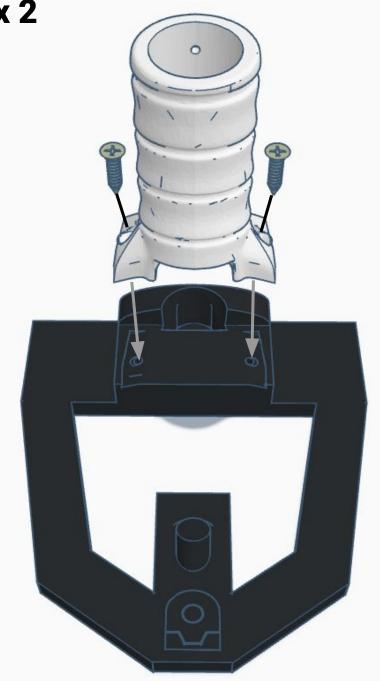


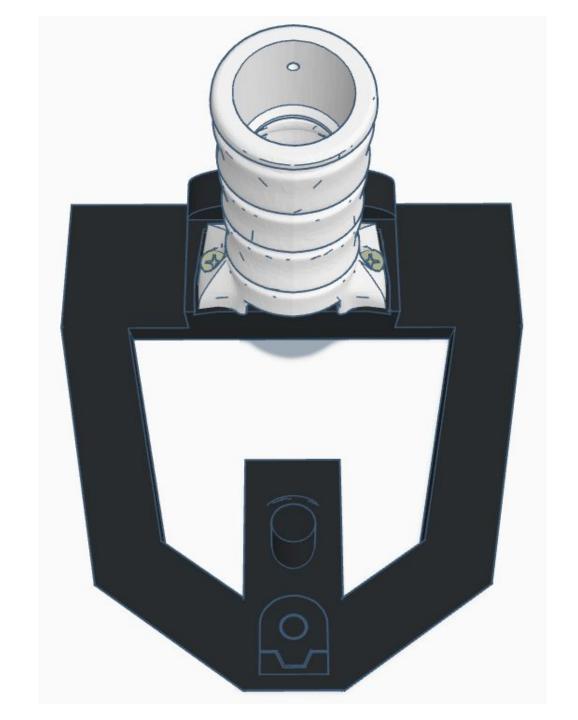


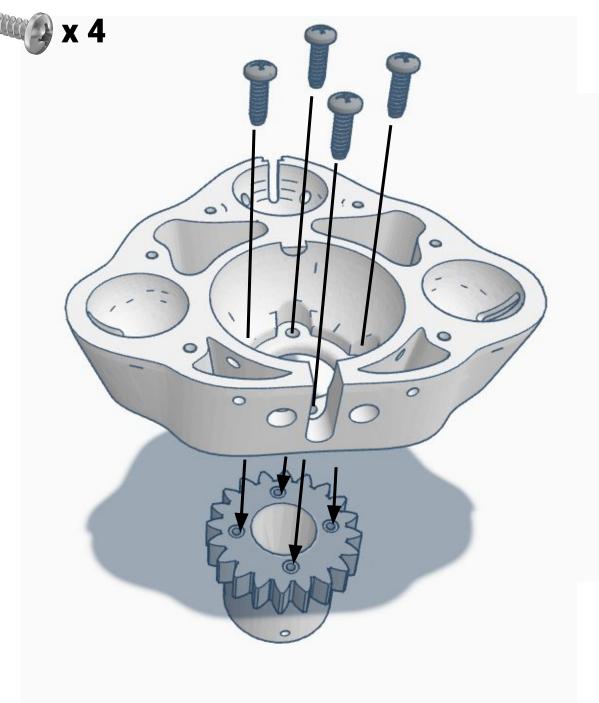


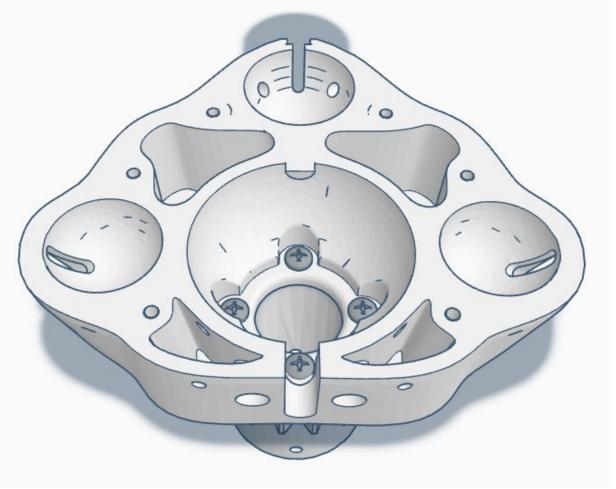




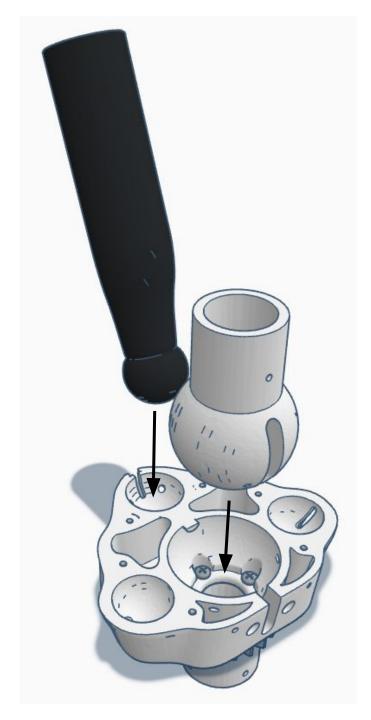












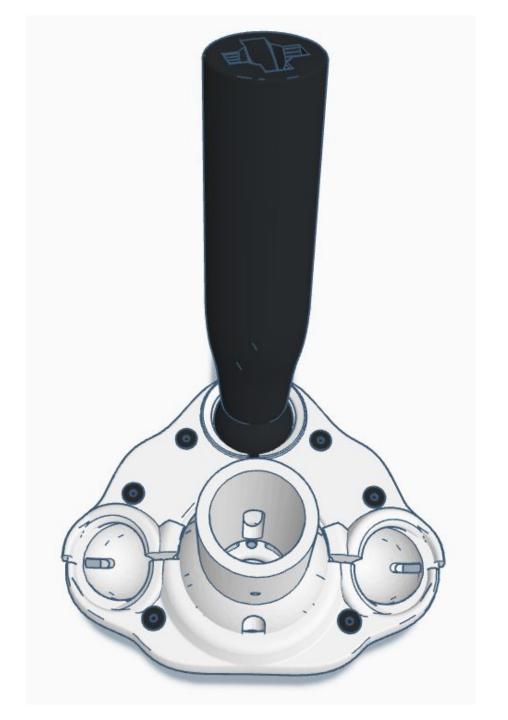




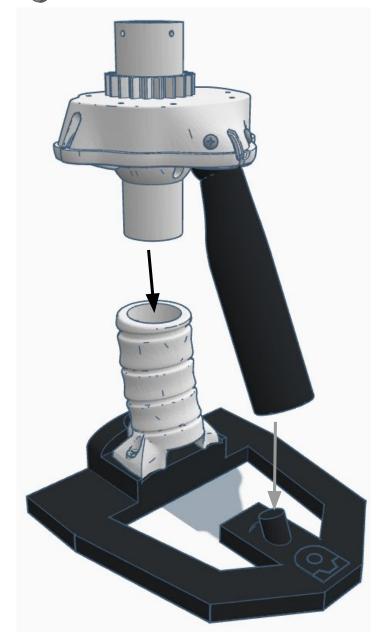


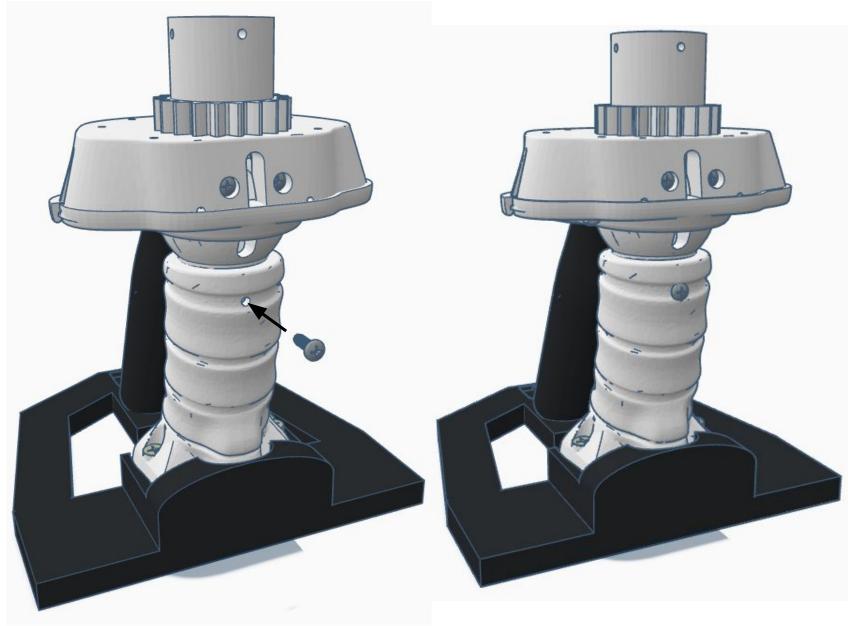


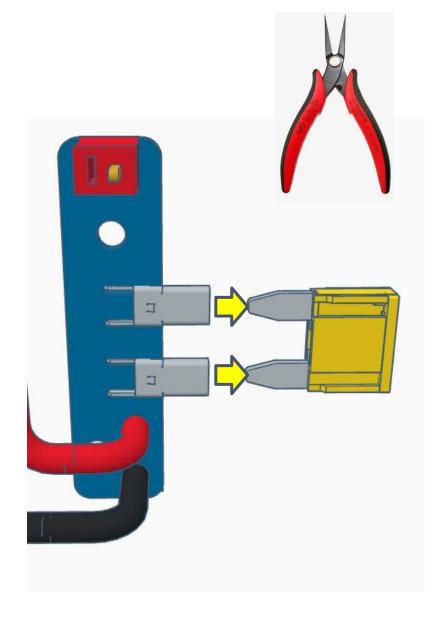


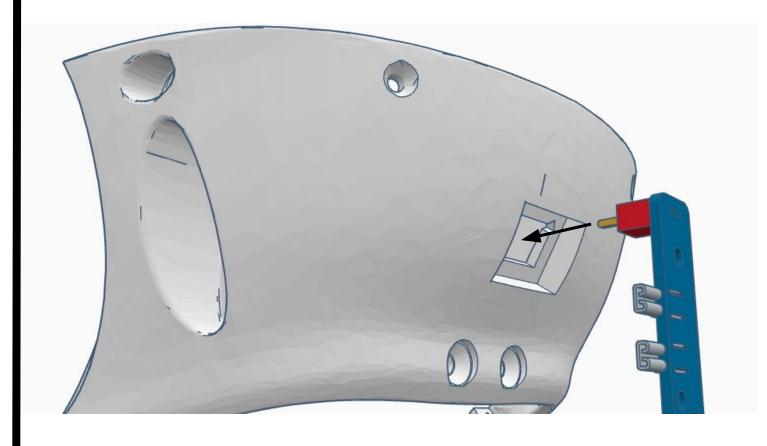




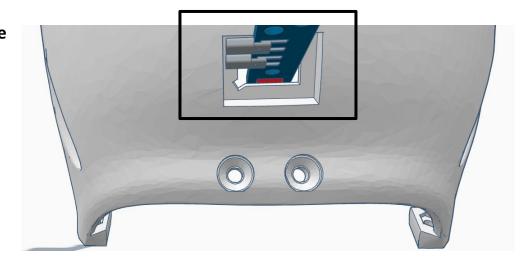


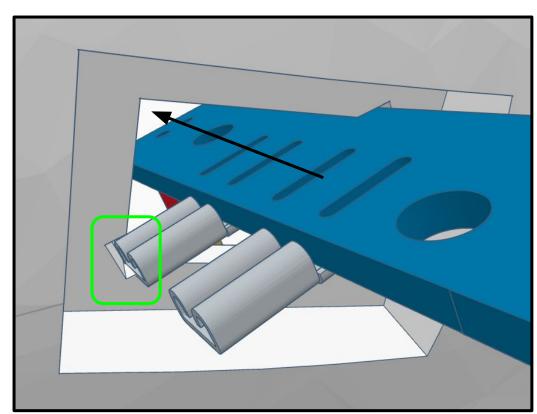


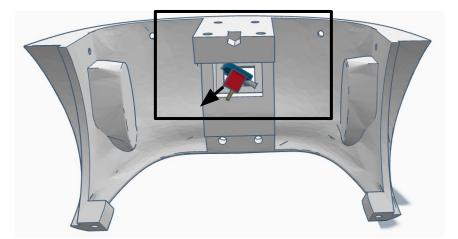




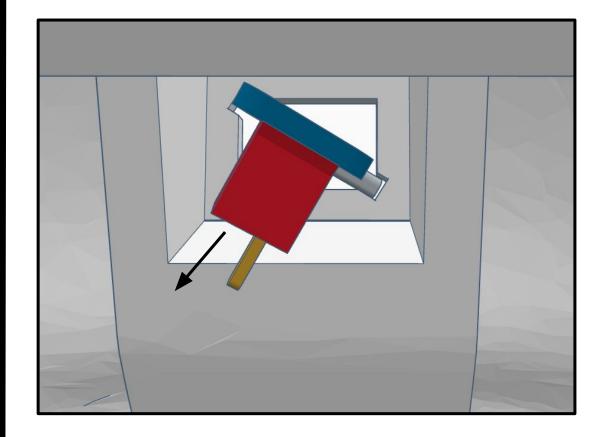
Outside View

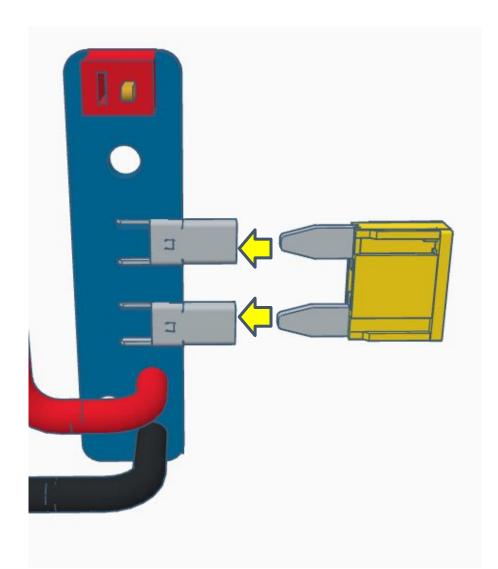


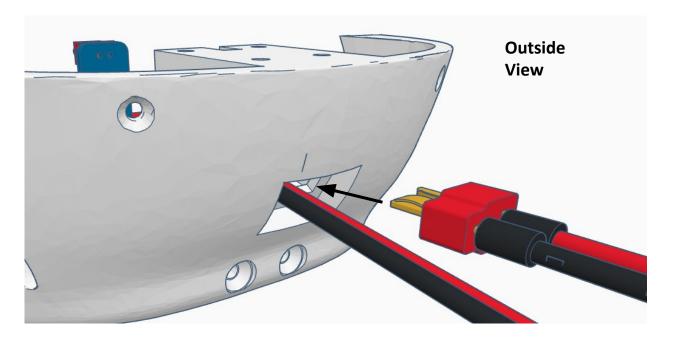


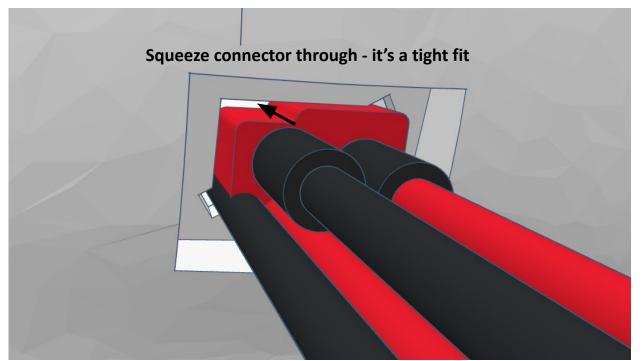


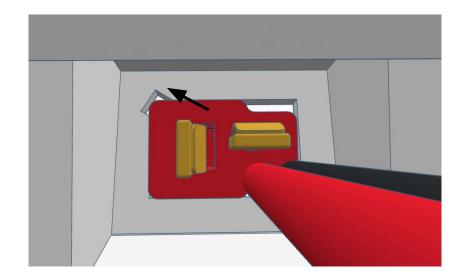
Inside View

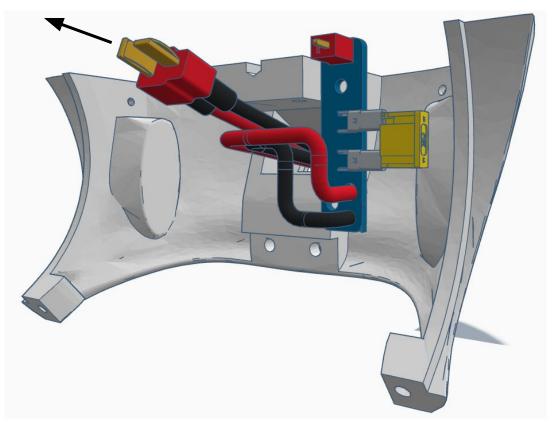


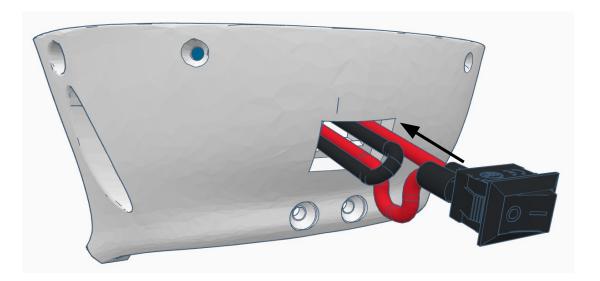


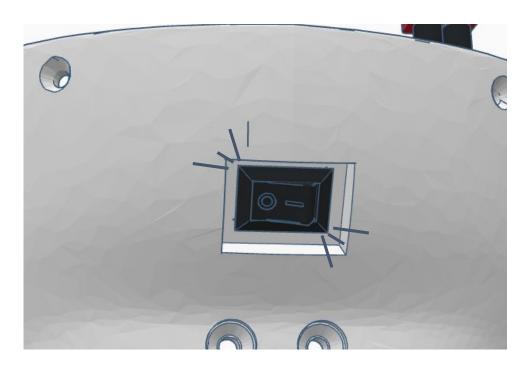




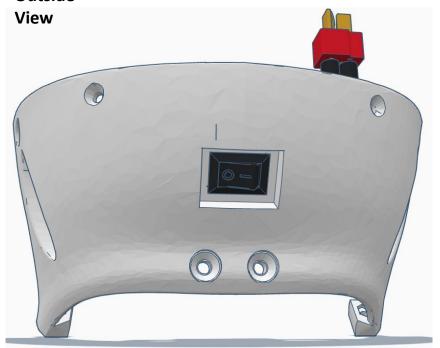


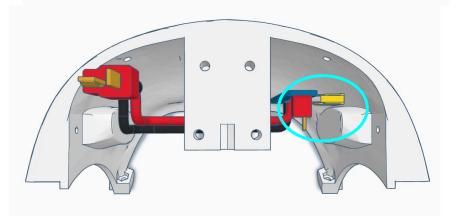


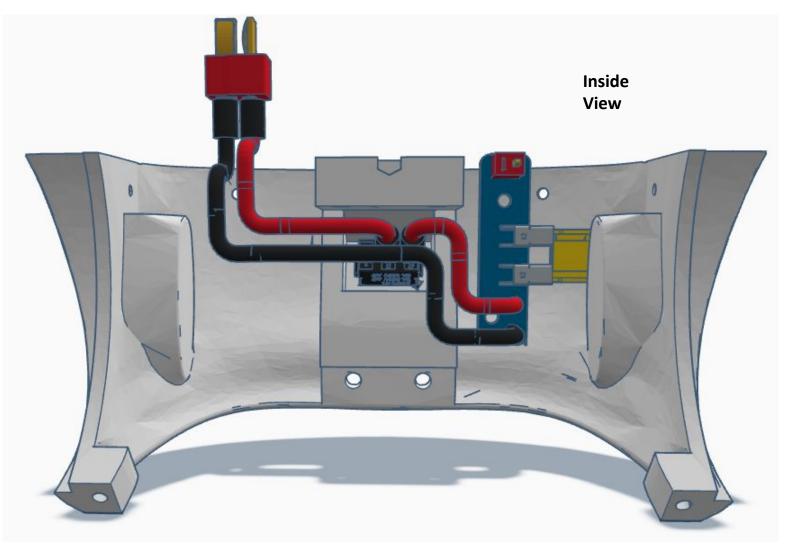




Outside

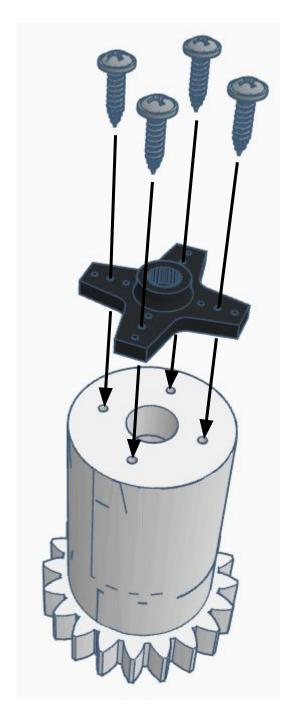


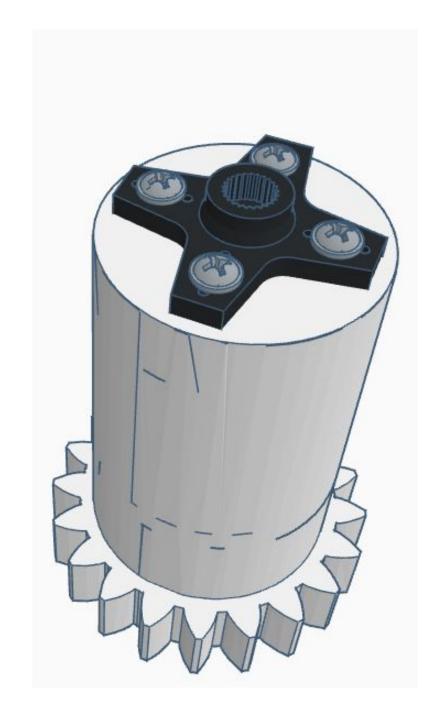


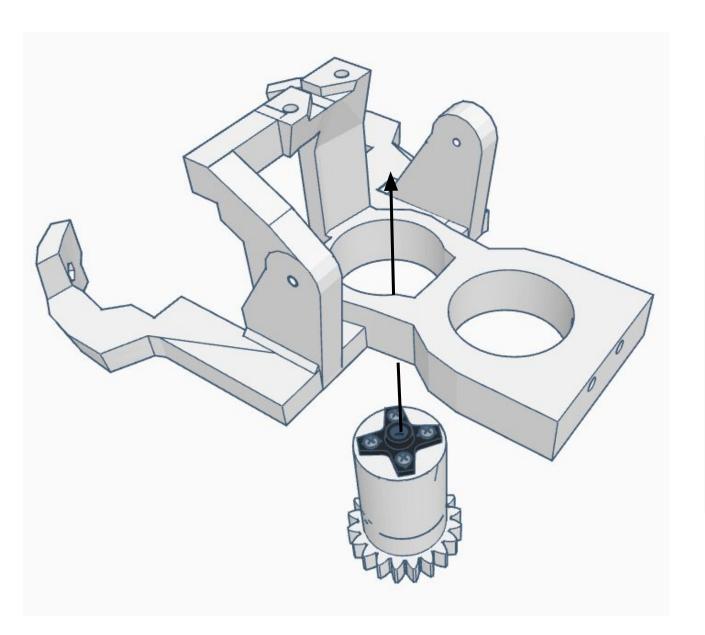


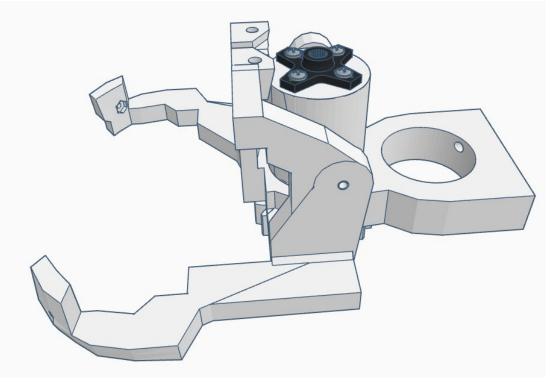


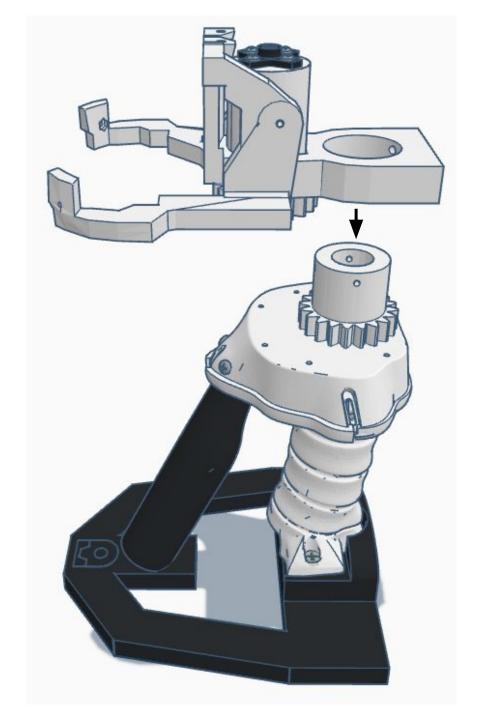


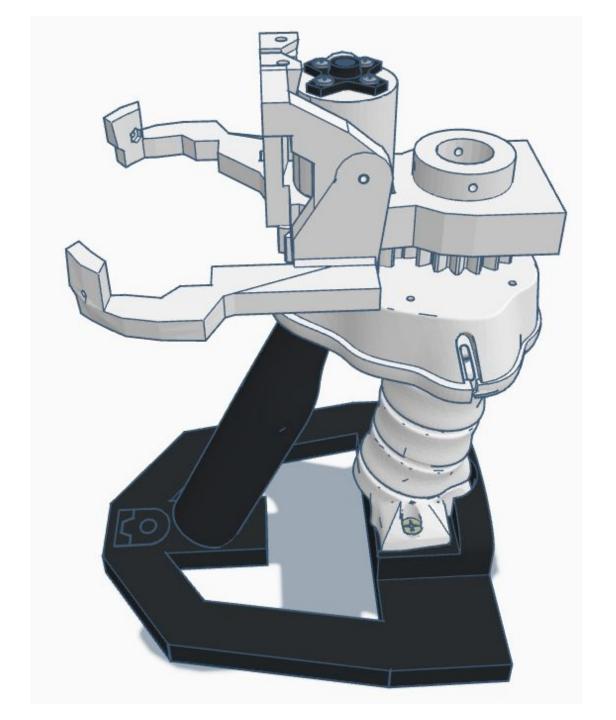


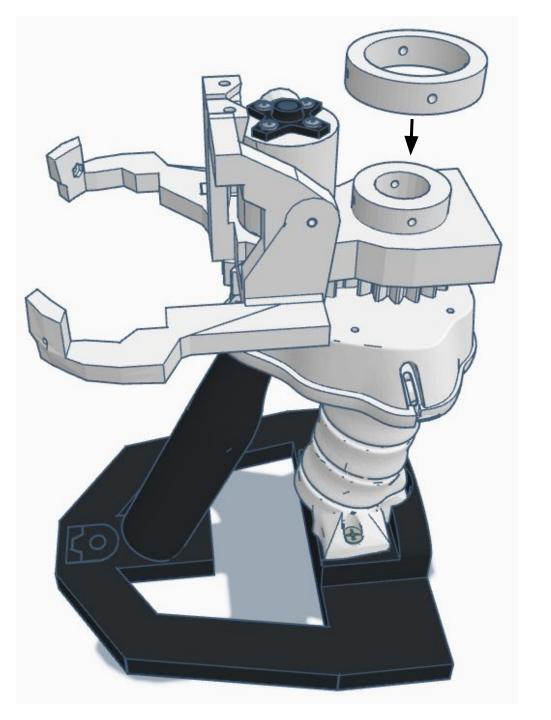


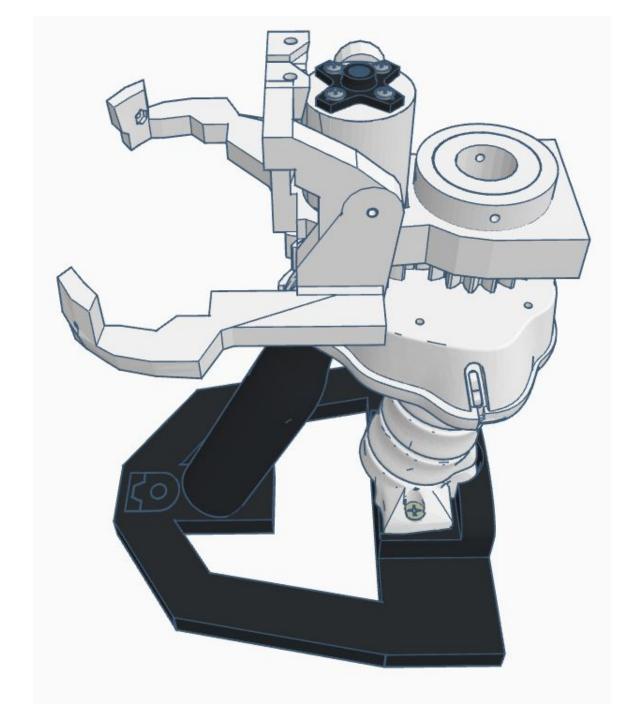






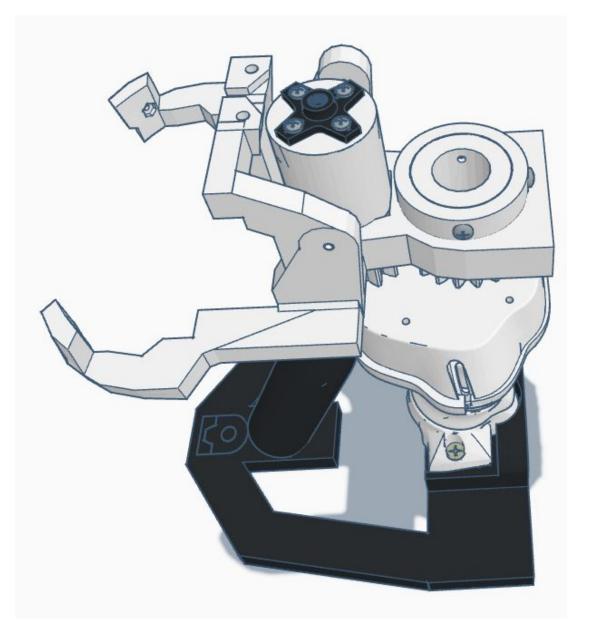


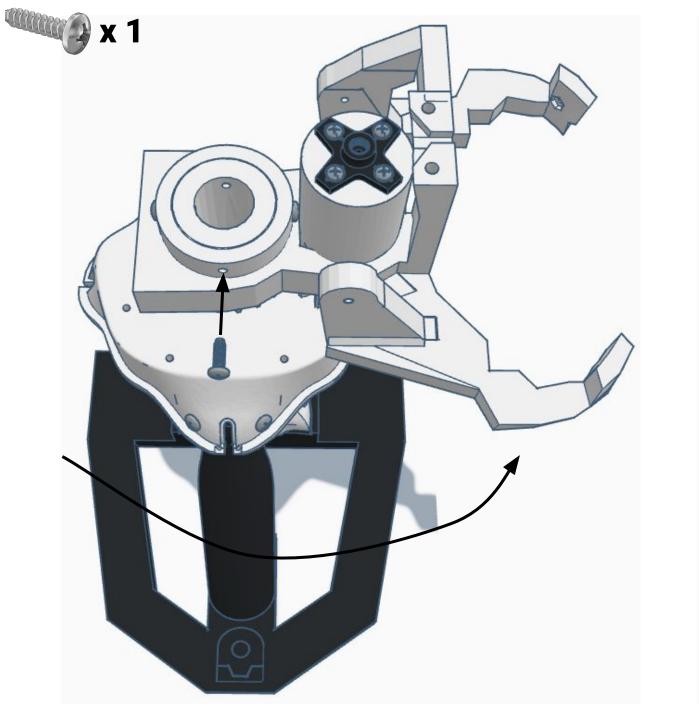


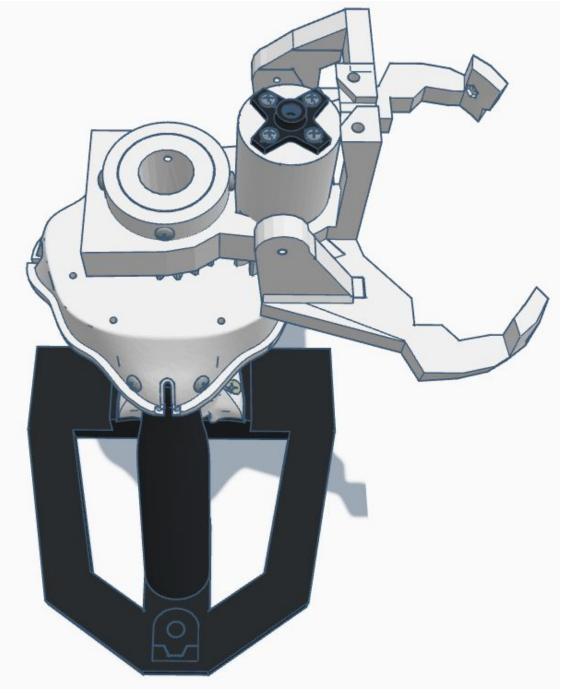






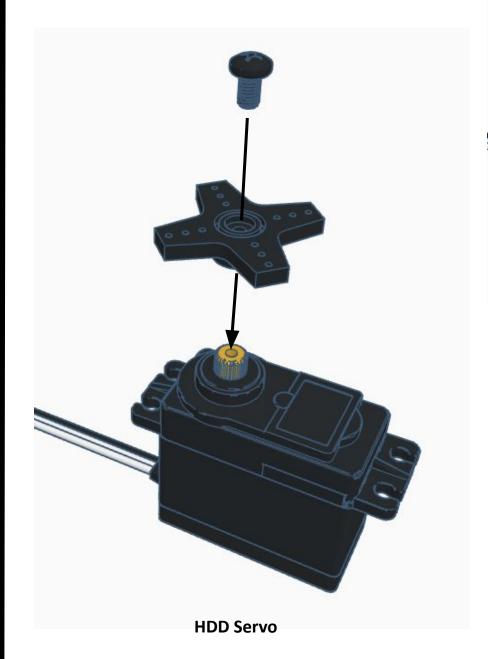


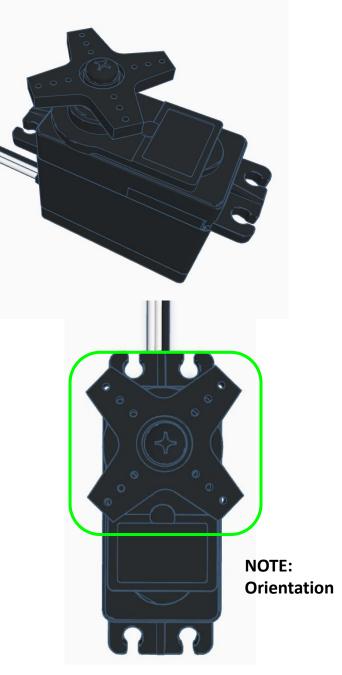




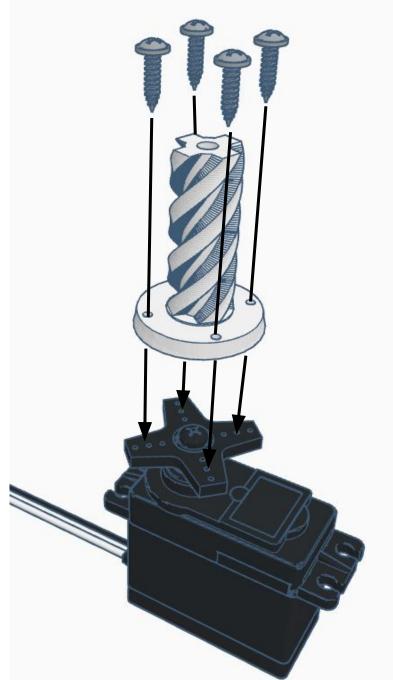


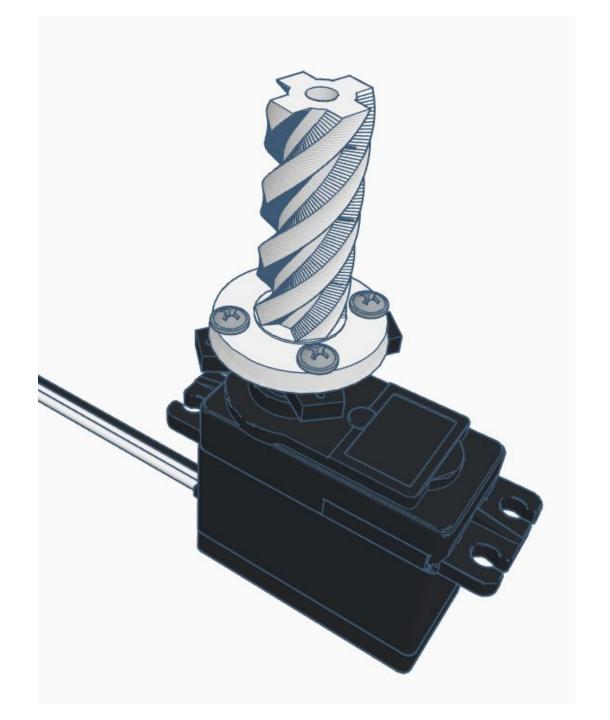


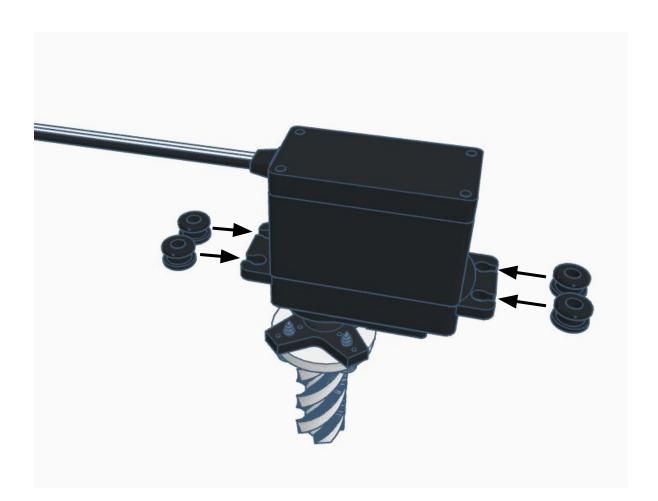


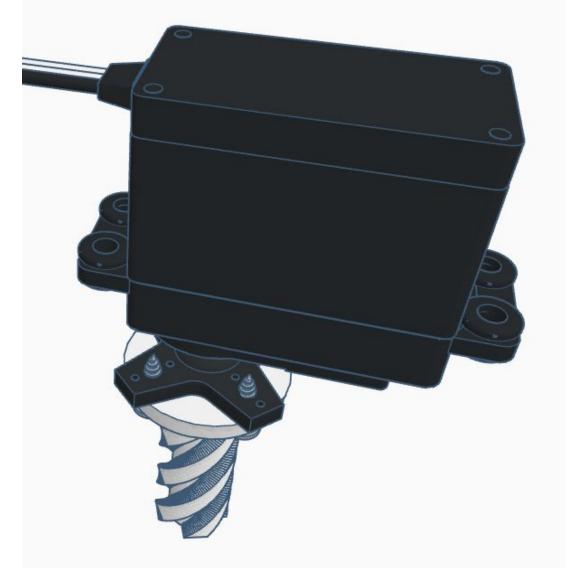




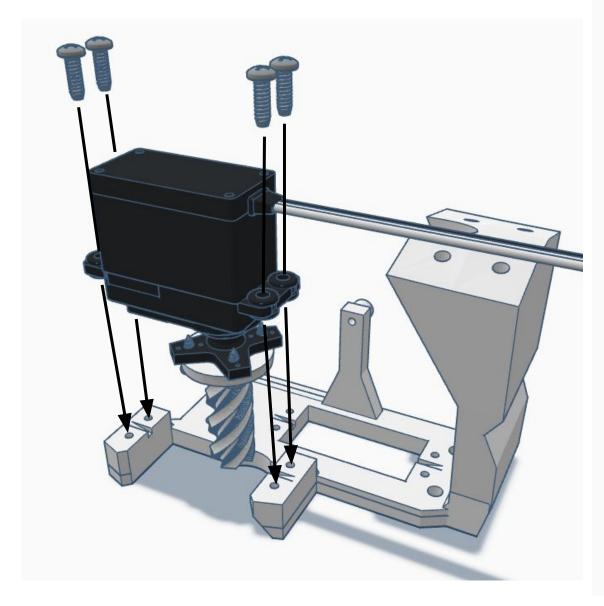


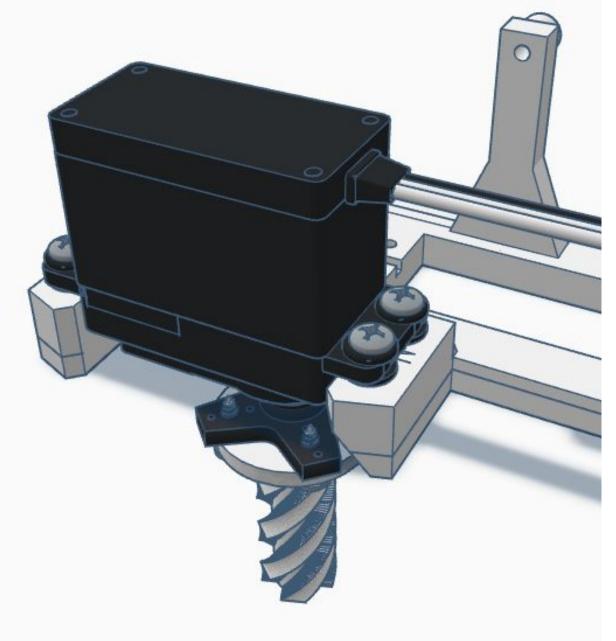




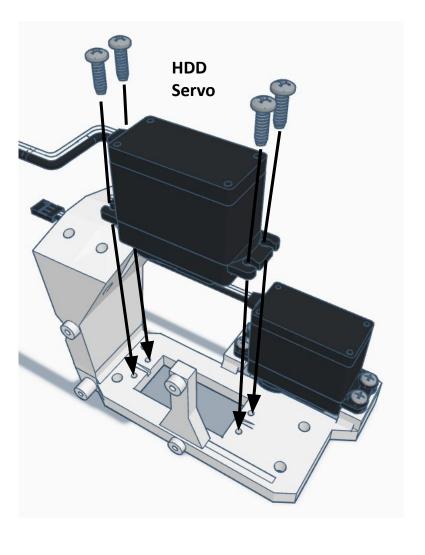


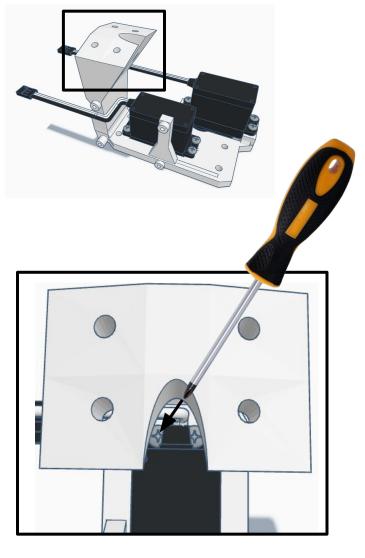


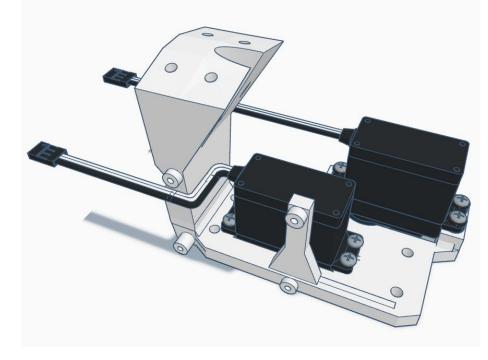




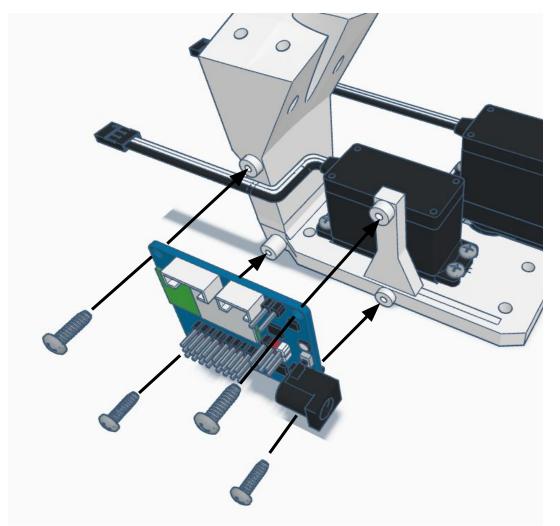


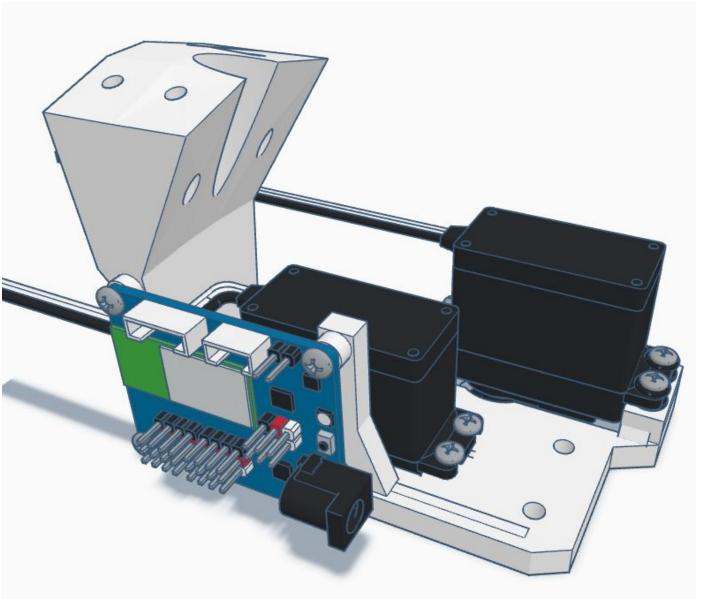


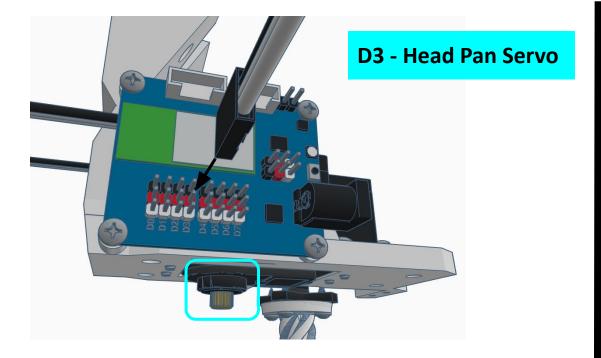


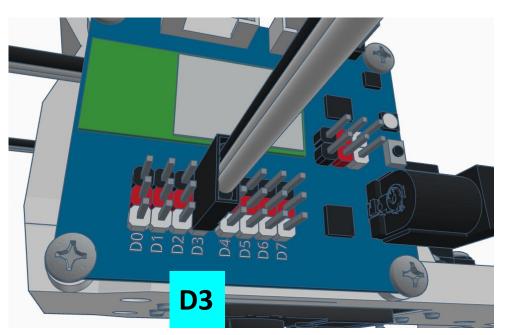


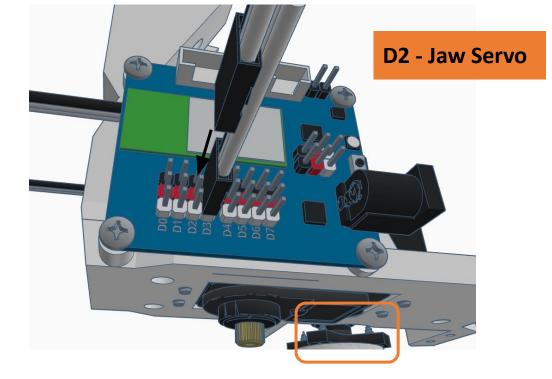


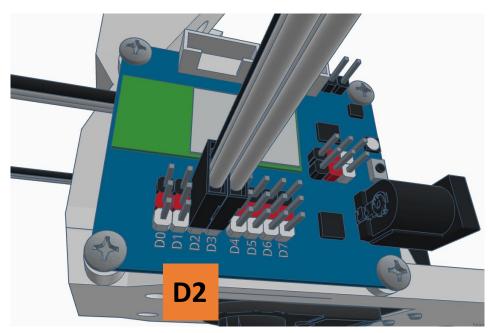


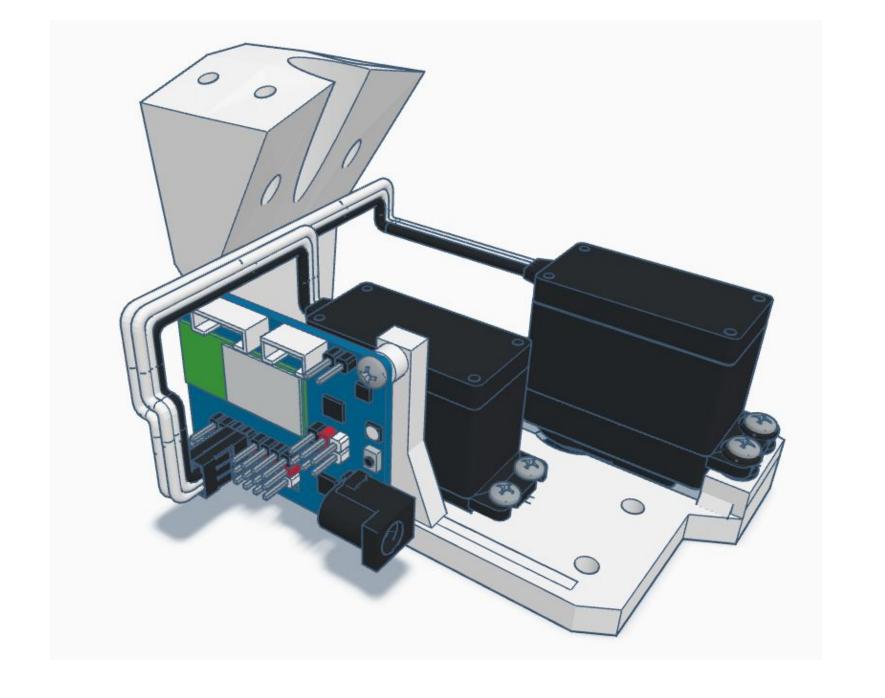


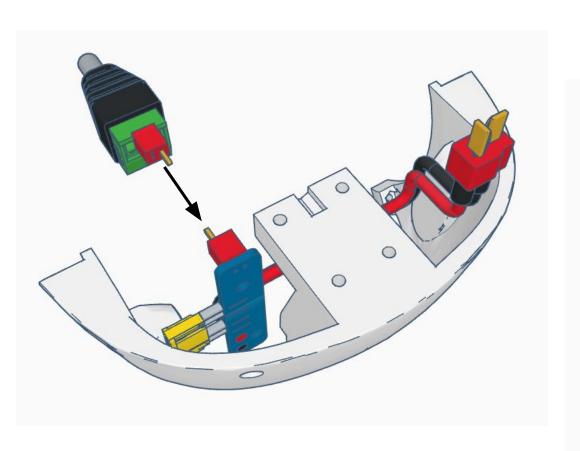


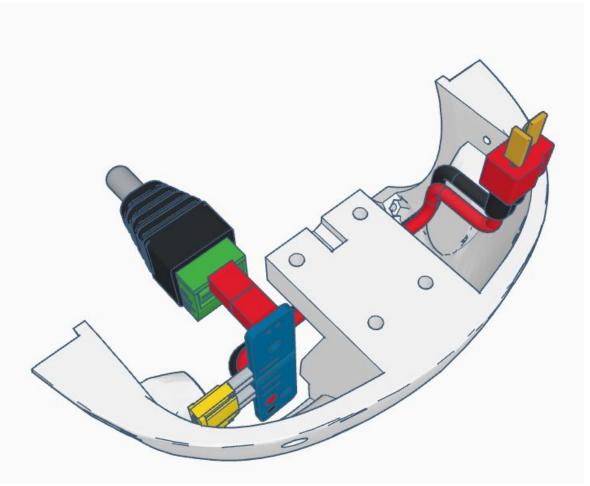


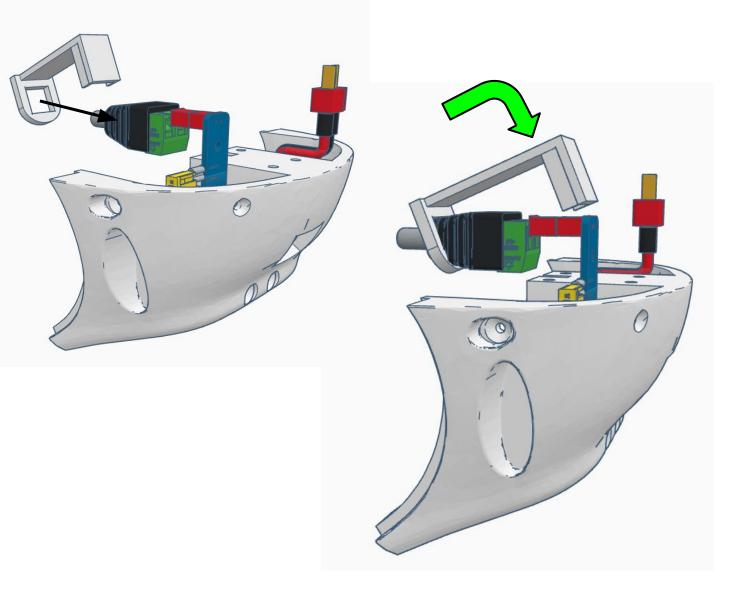


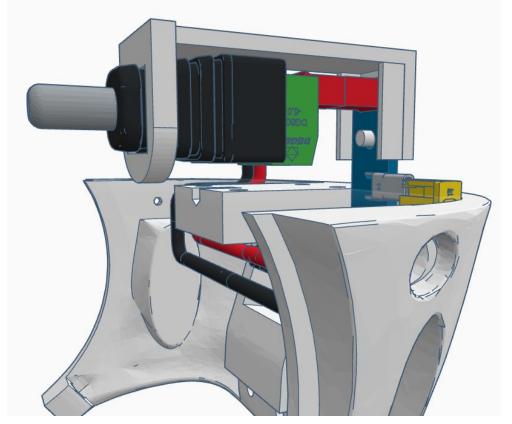


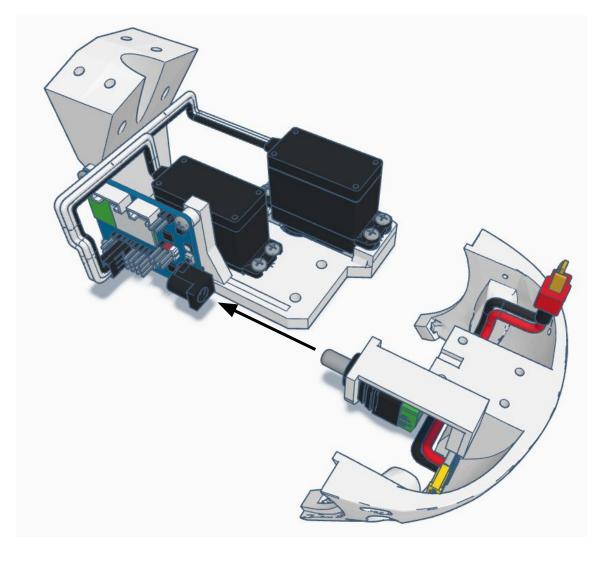


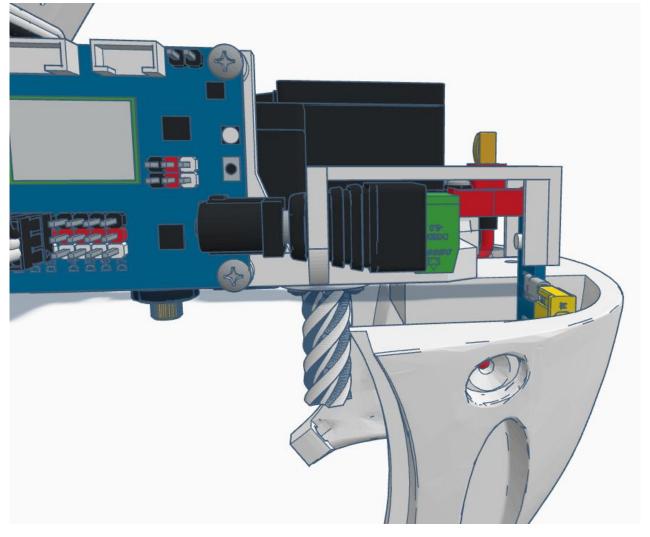


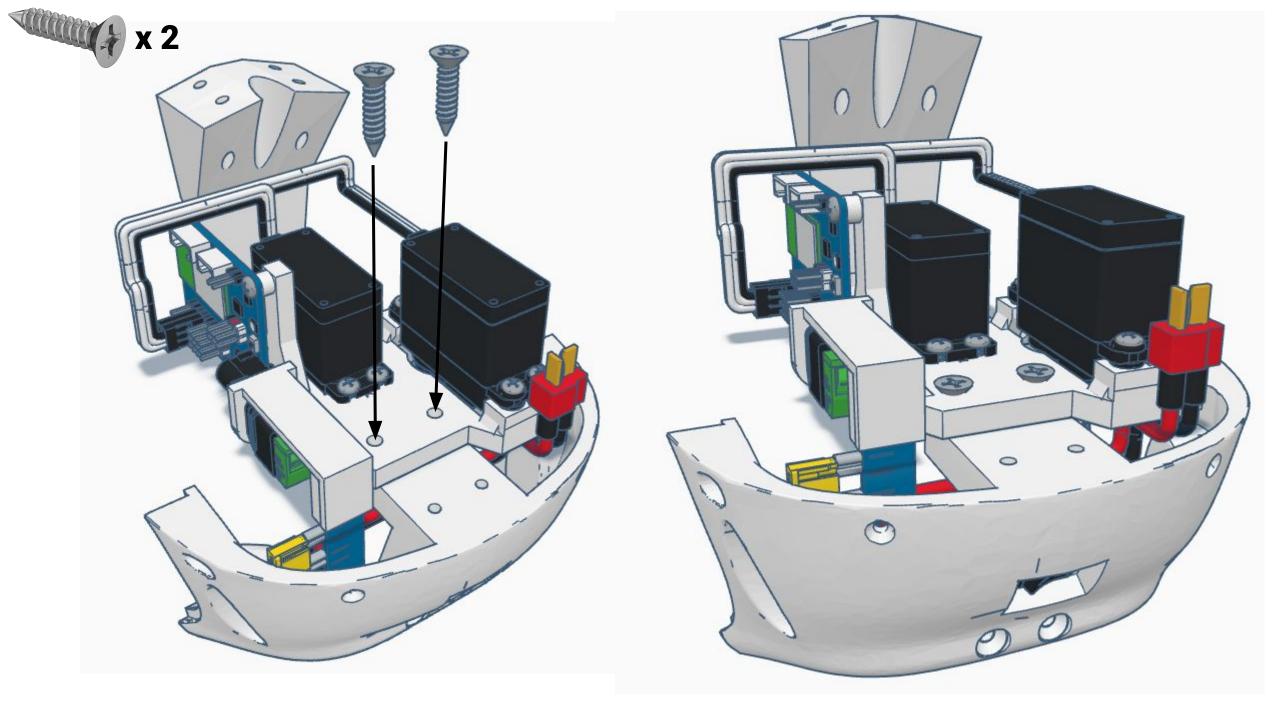


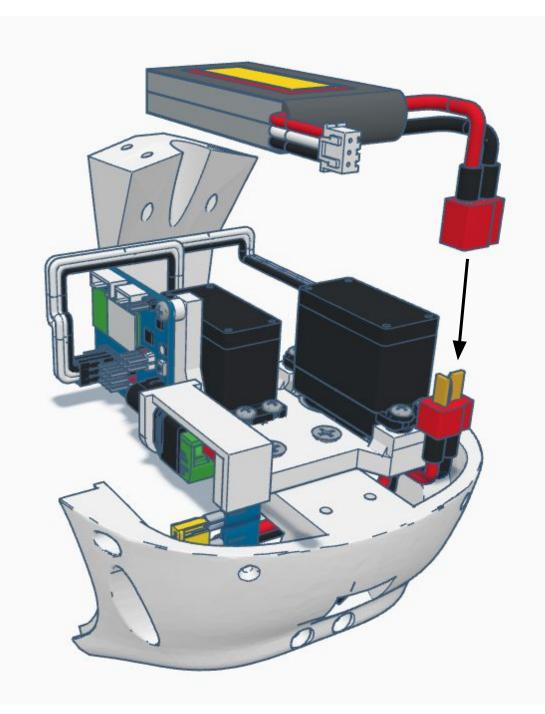


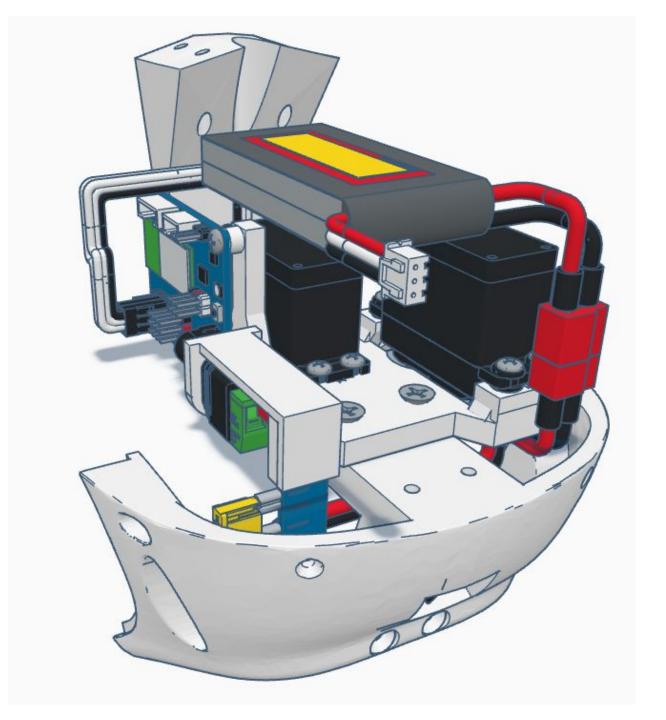




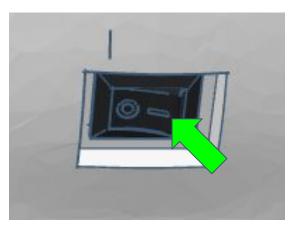






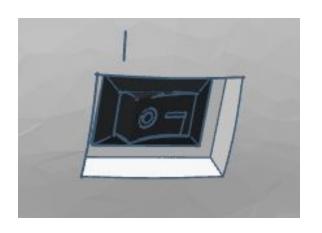




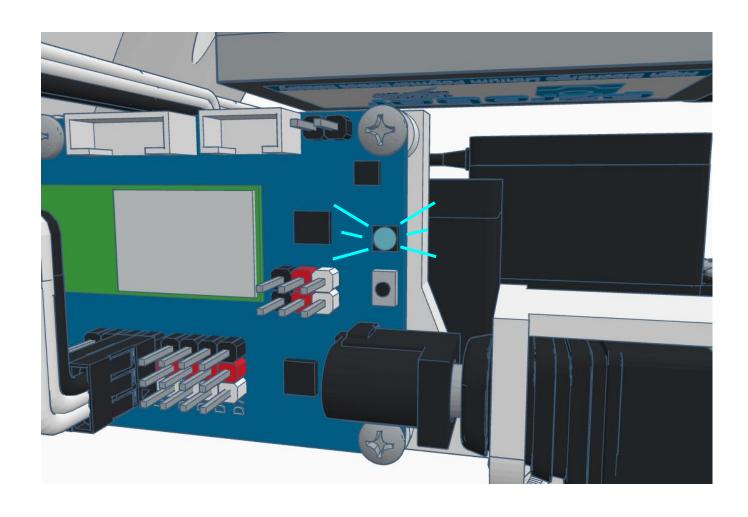


Press Switch ON



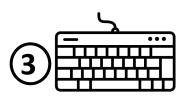


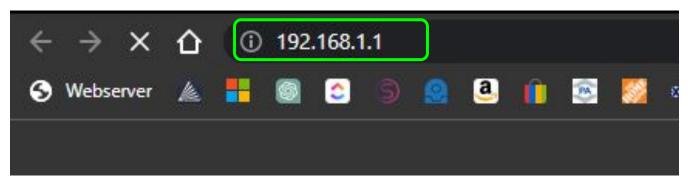
BLUE FLASHING LED ON IOTINY = READY TO CONNECT TO COMPUTER

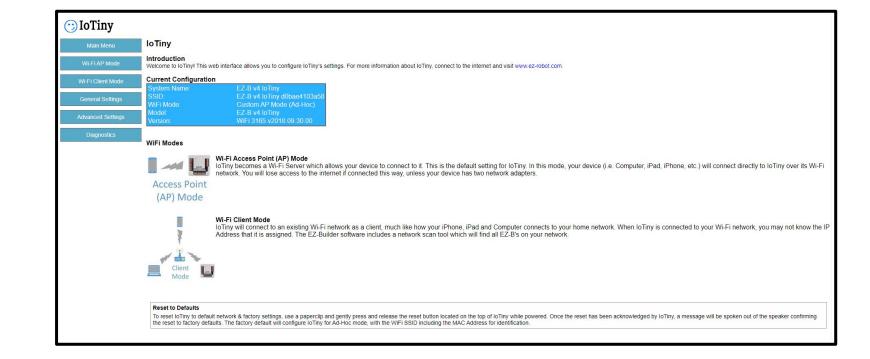














Main Menu

Wi-Fi AP Mode

Wi-Fi Client Mode

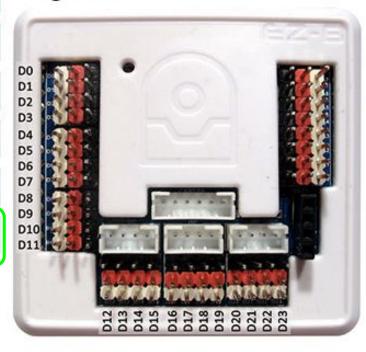
General Settings

Advanced Settings

Diagnostics



Diagnostics



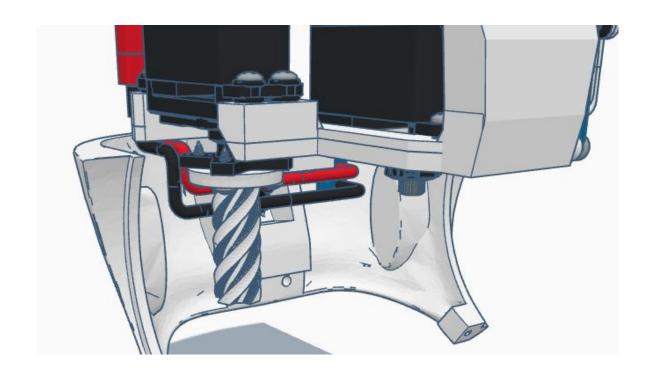
All Servo Ports Release All Servo Ports to 1 Degree All Servo Ports to 90 Degrees All Servo Ports to 180 Degree

Alternating Digital I/O Mode 1 Alternating Digital I/O Mode 2

Reboot EZ-B

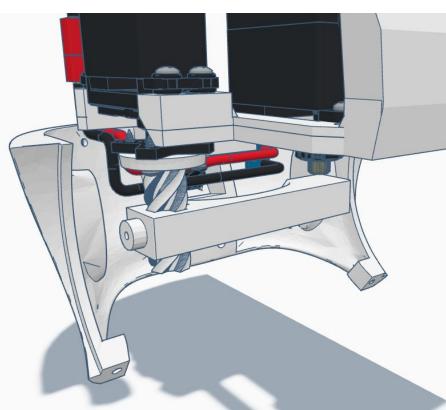
LED WILL CONTINUE TO FLASH BLUE ON IOTINY

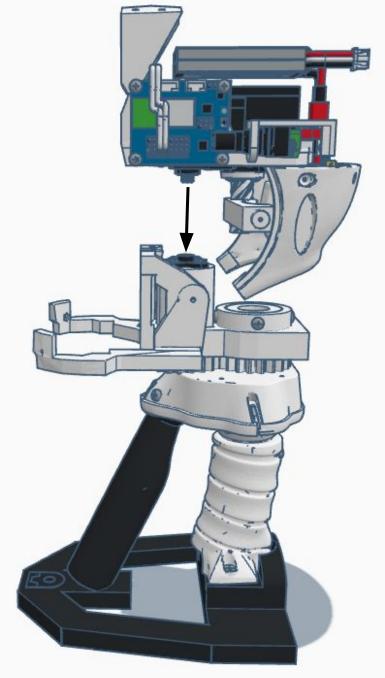
SERVOS WILL MOVE TO 90 DEGREE POSITION

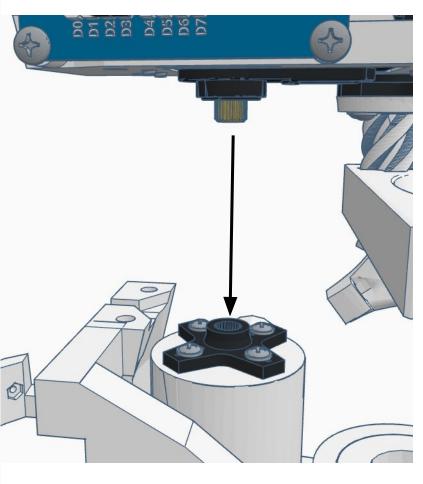


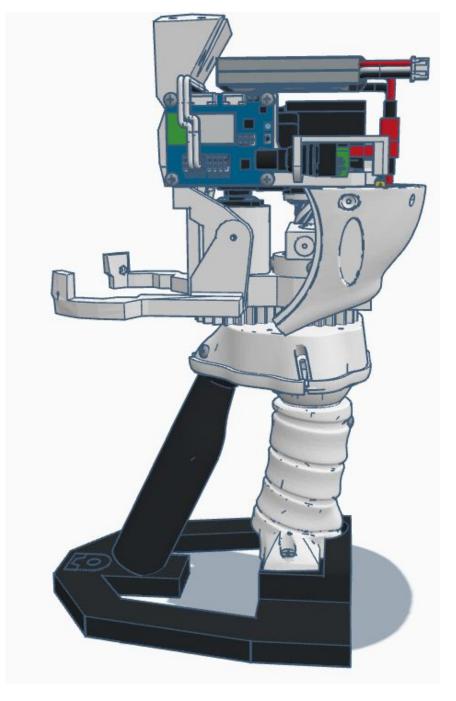
NOTE: IF ALREADY AT 90 DEGREES THE SERVOS WILL NOT MOVE



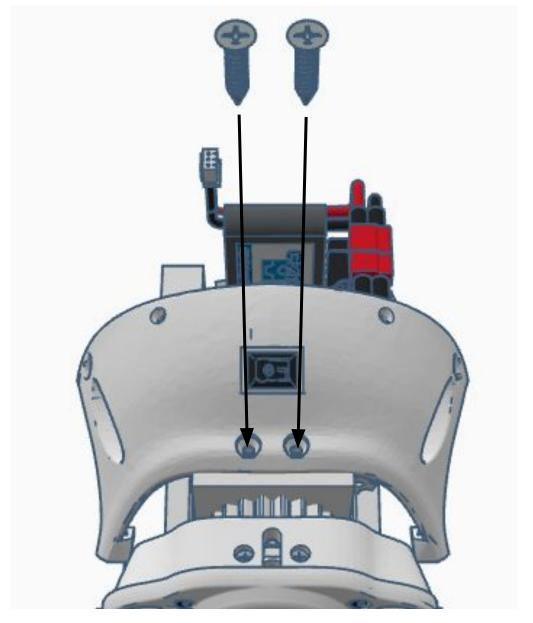






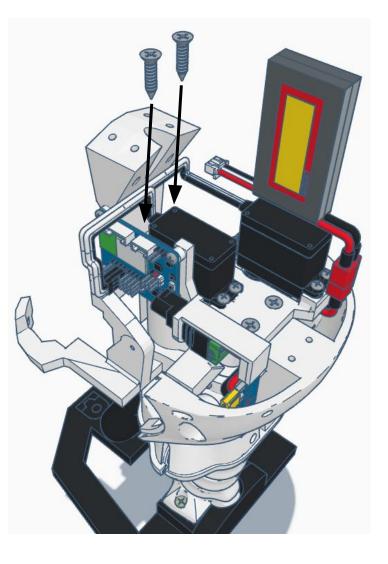


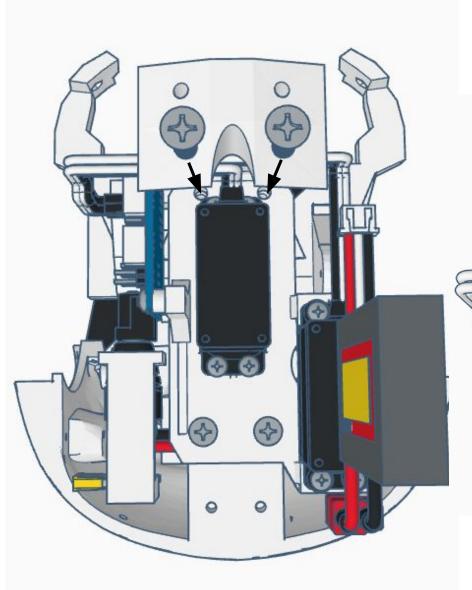


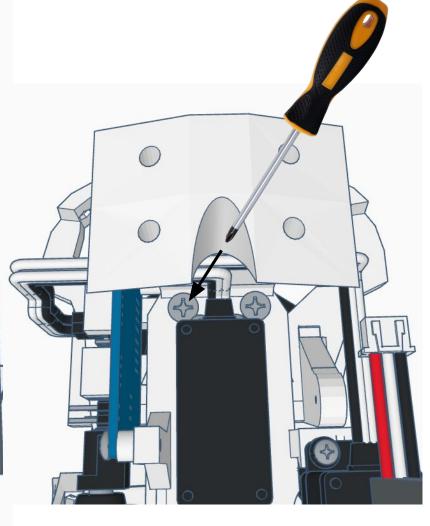


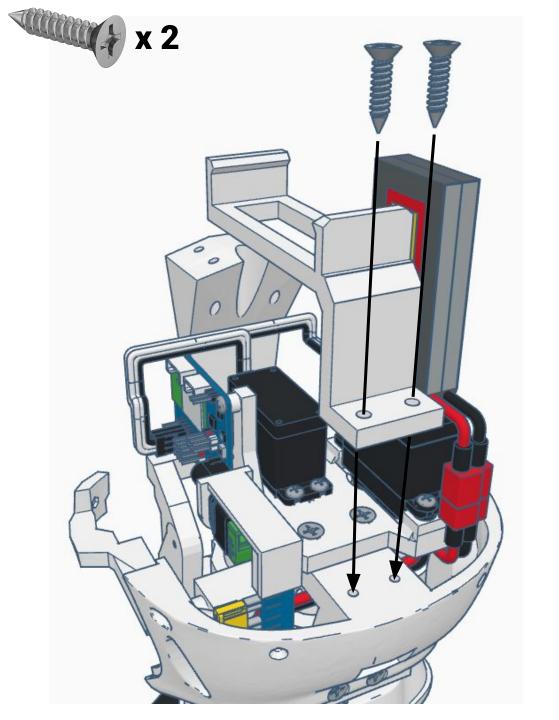


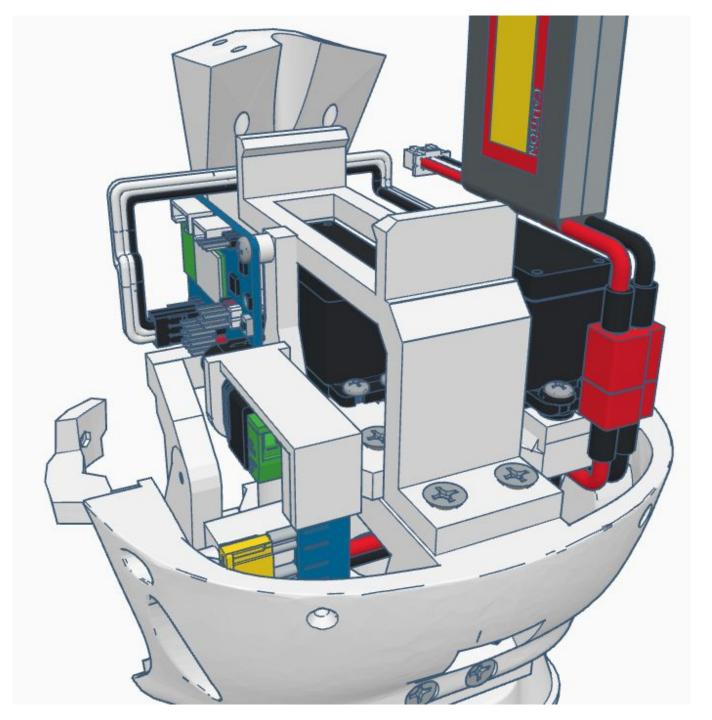


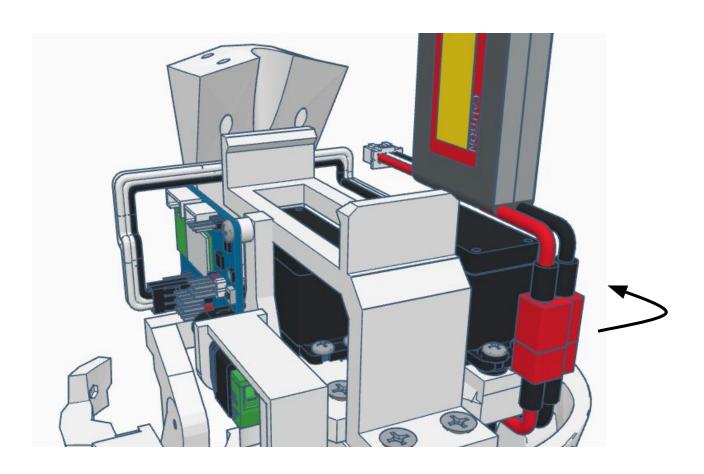


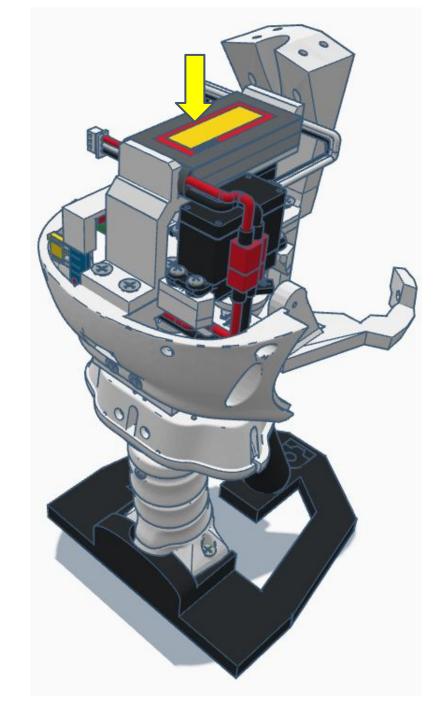




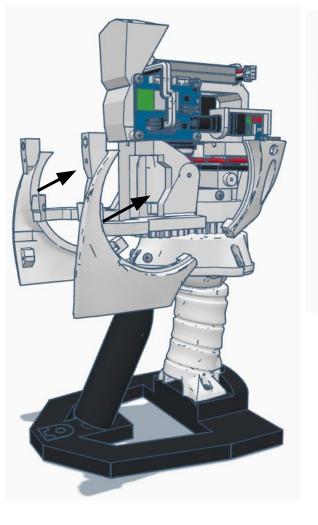


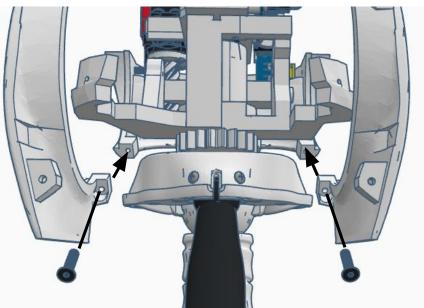


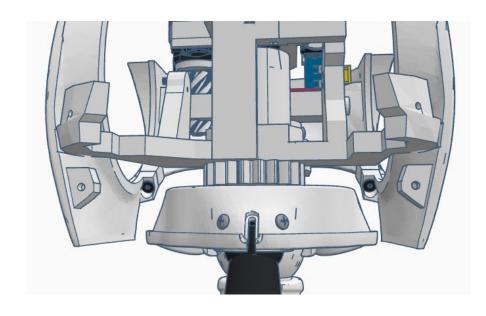


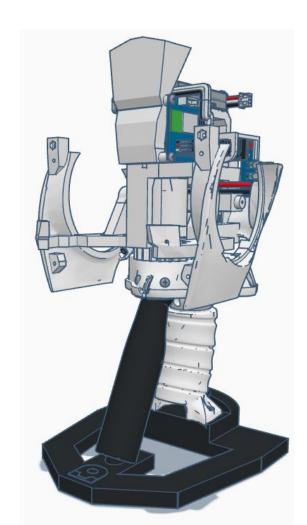


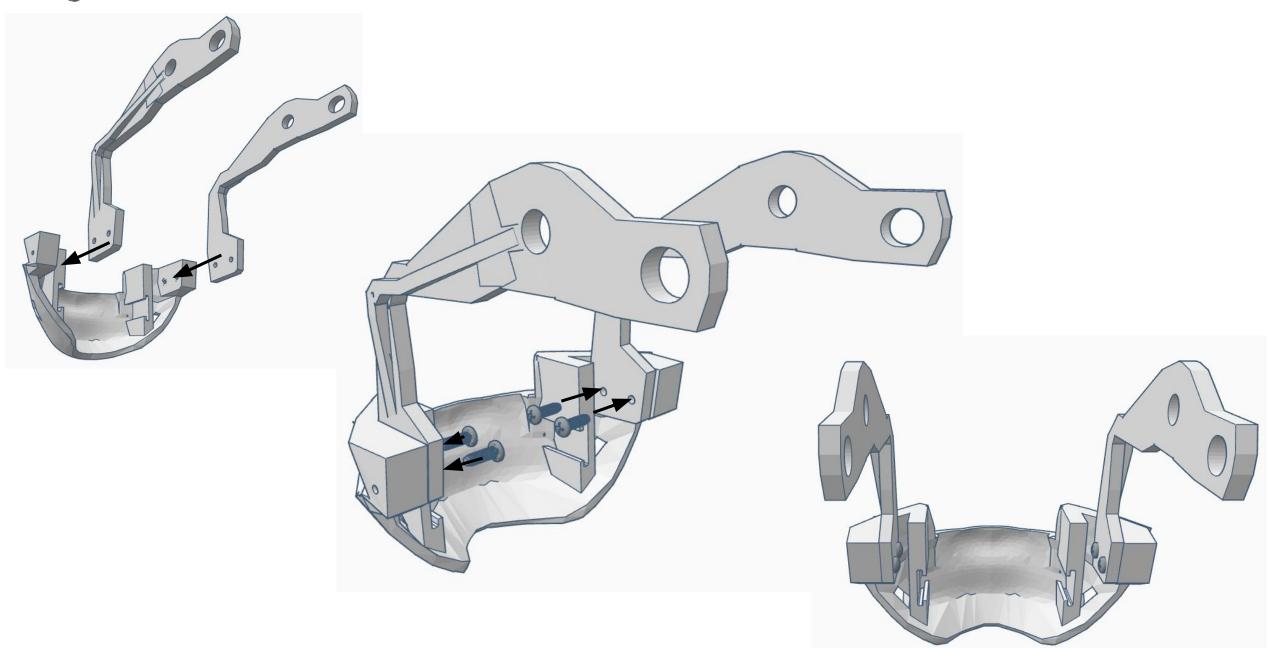


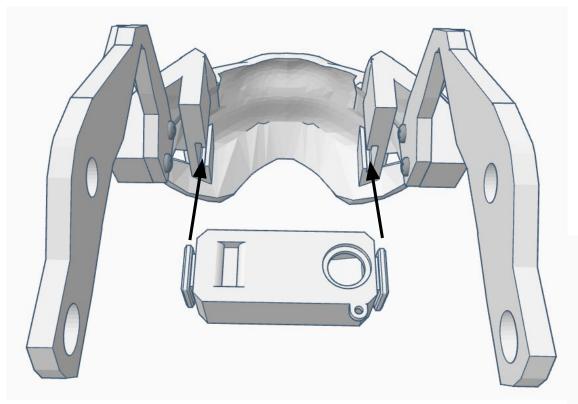


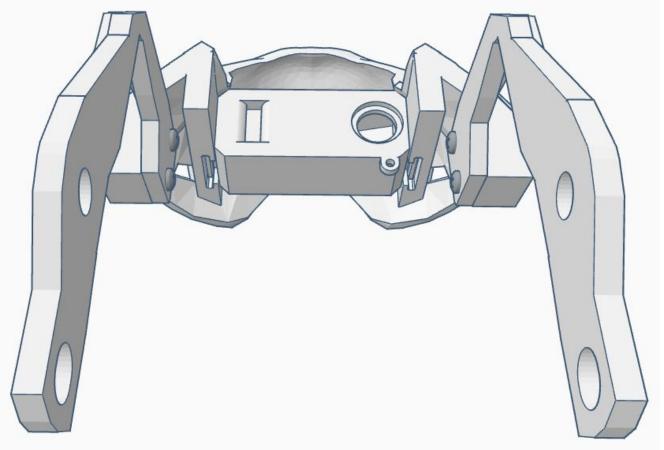






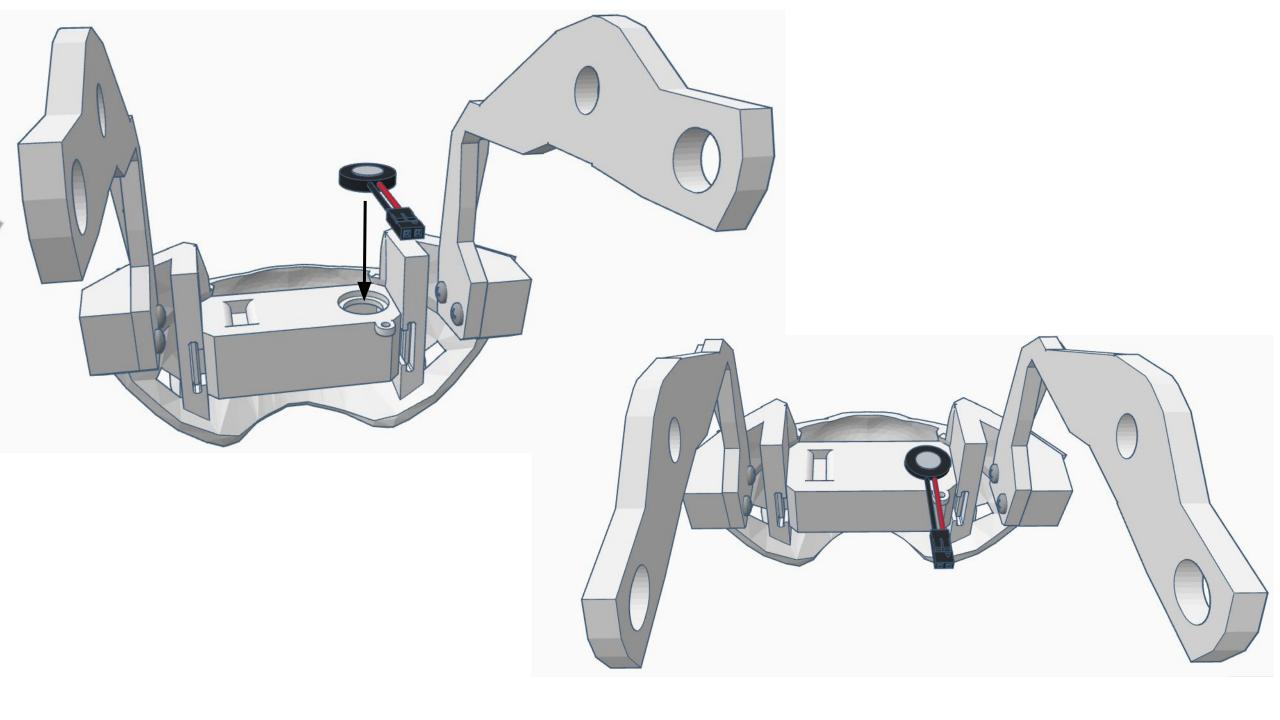


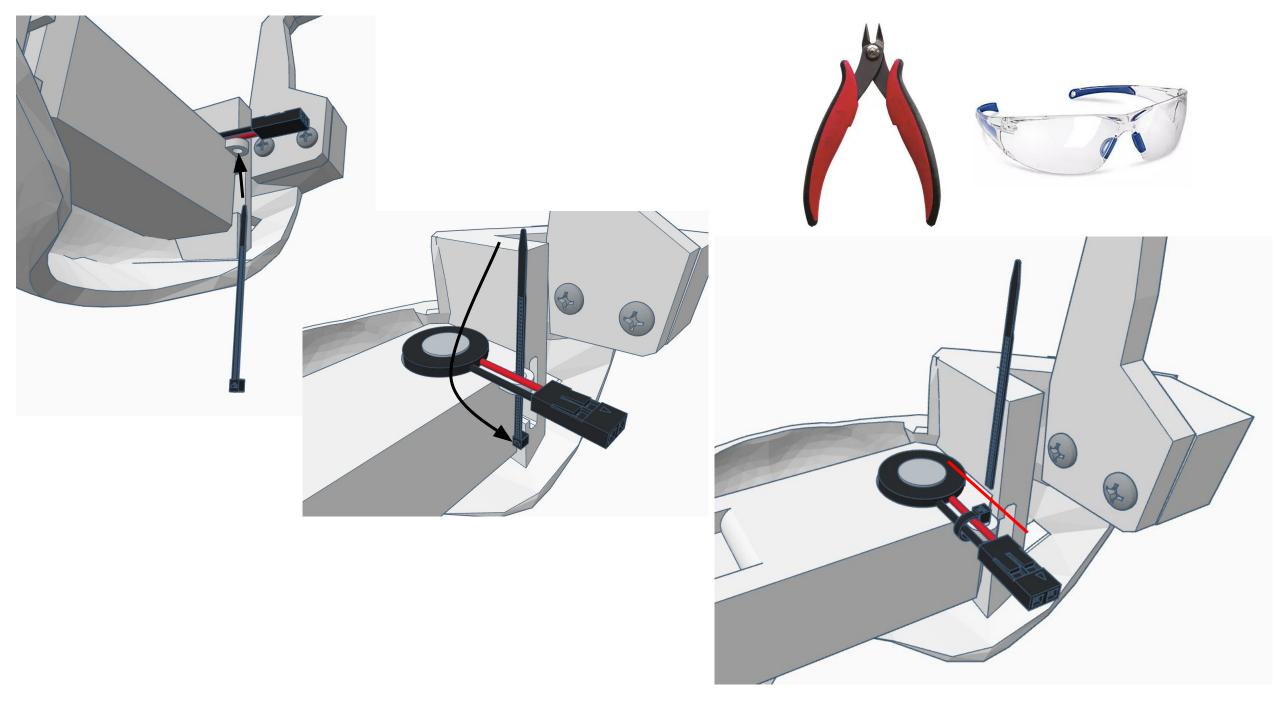


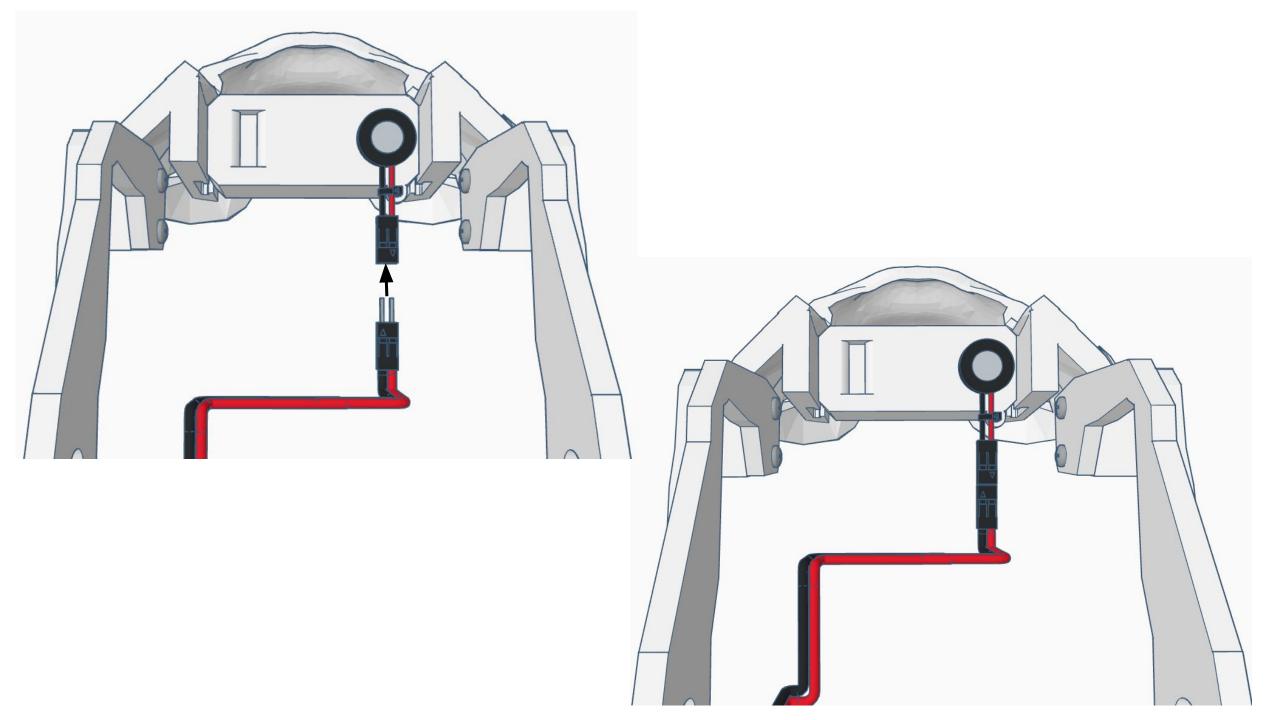


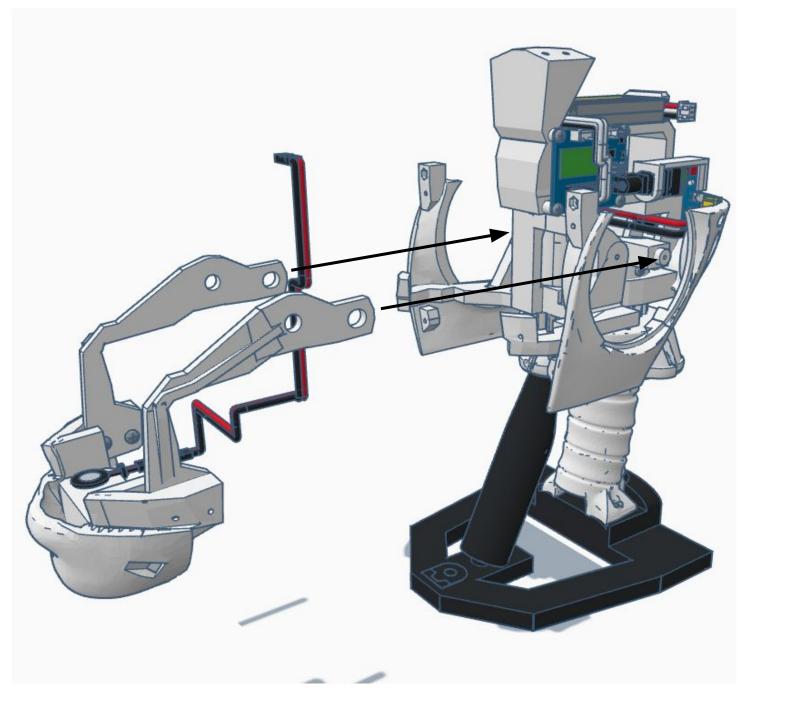


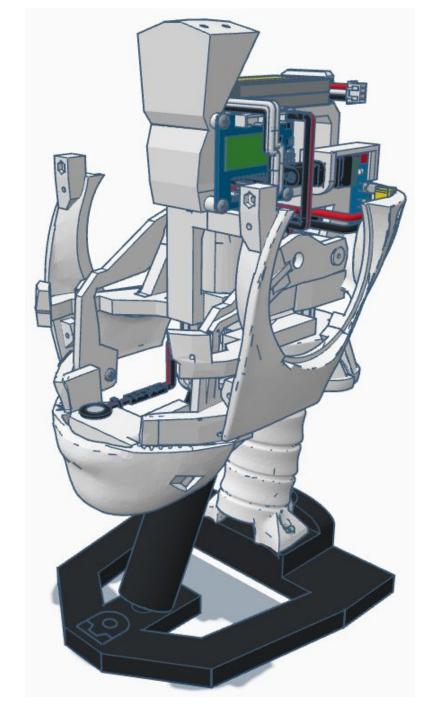




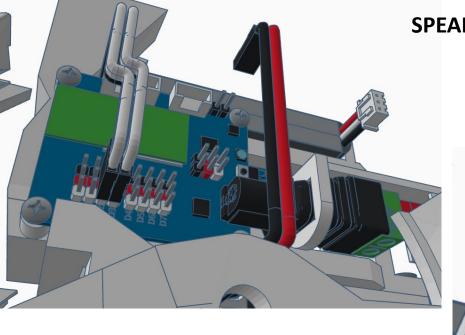


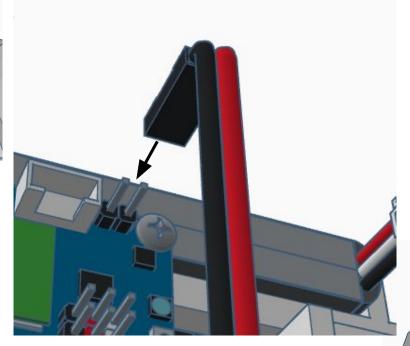


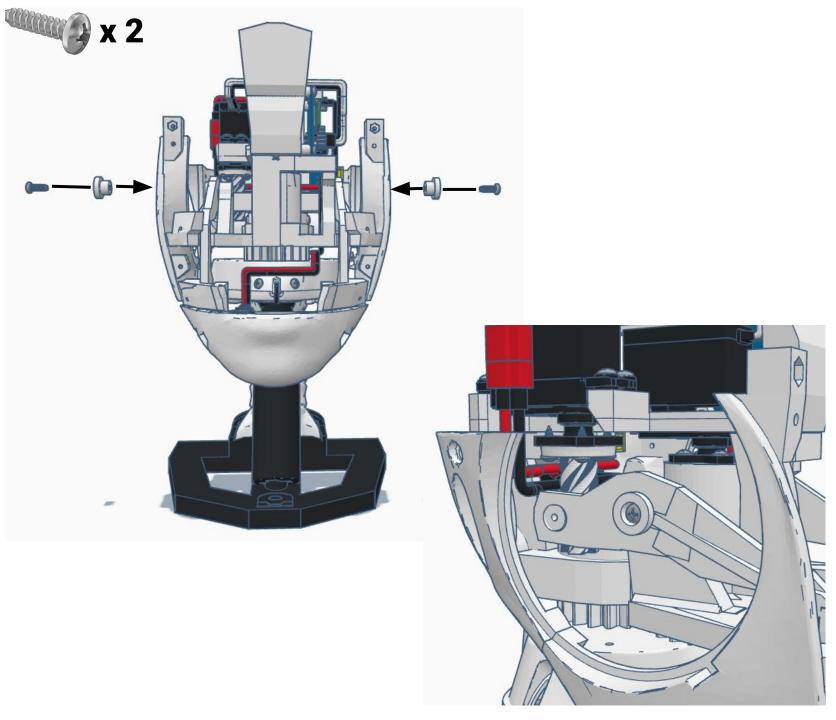


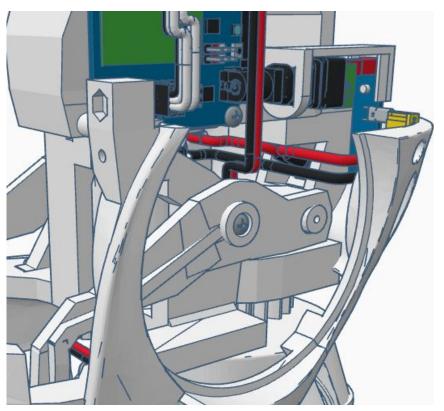








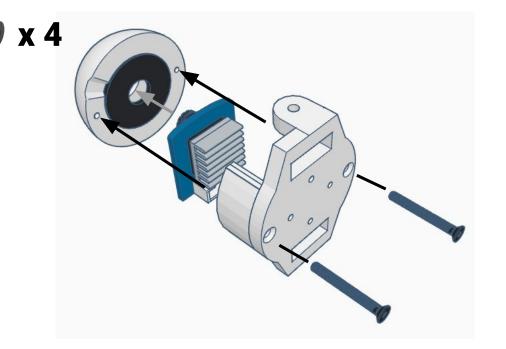


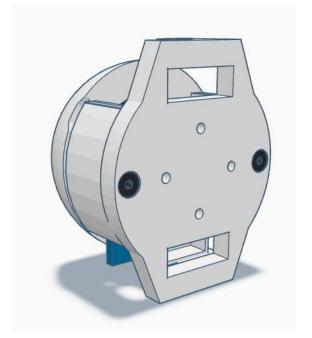




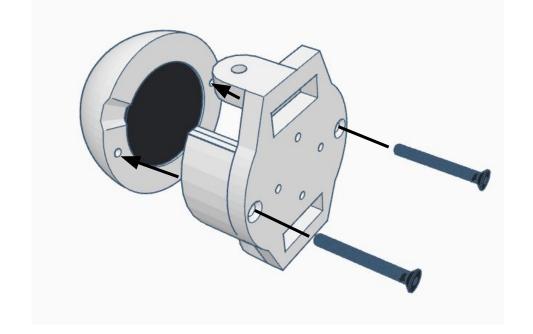


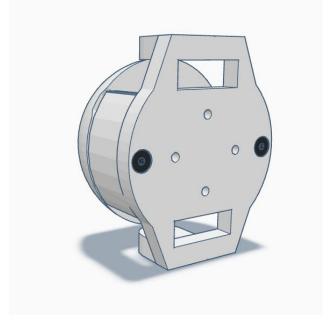




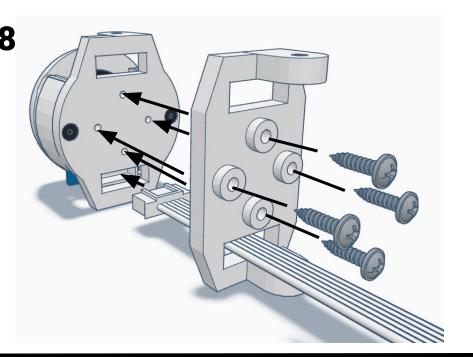


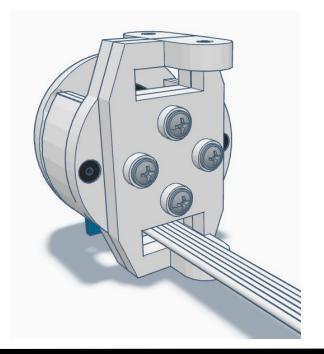




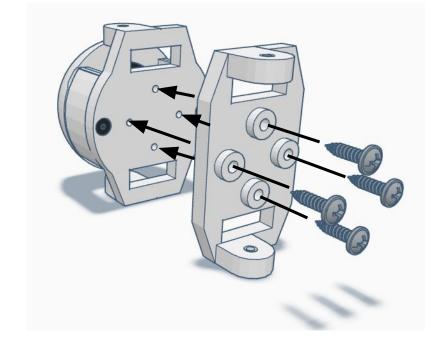


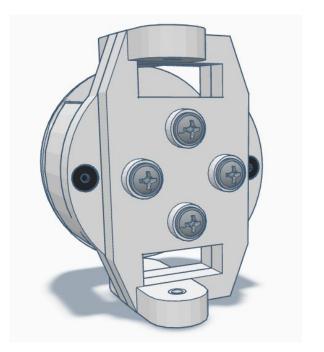






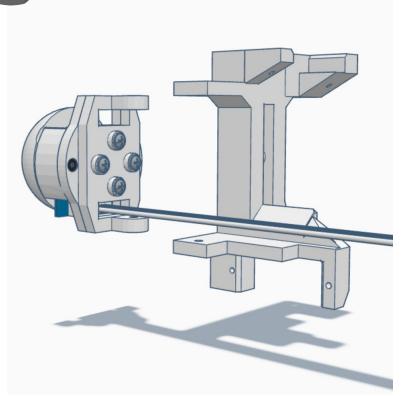
R

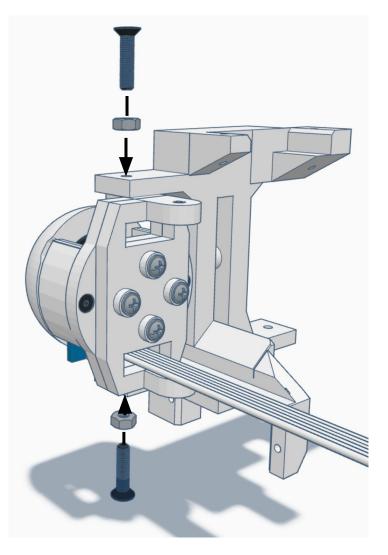


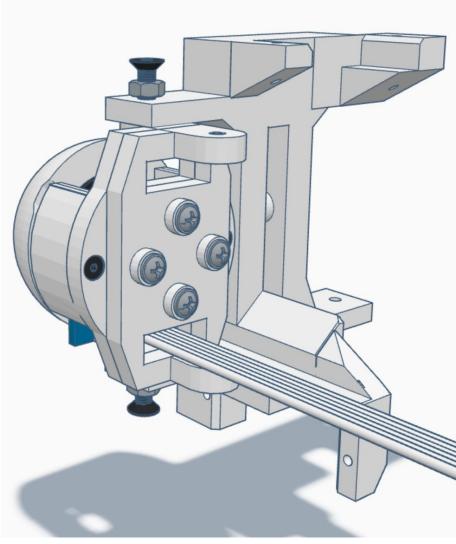




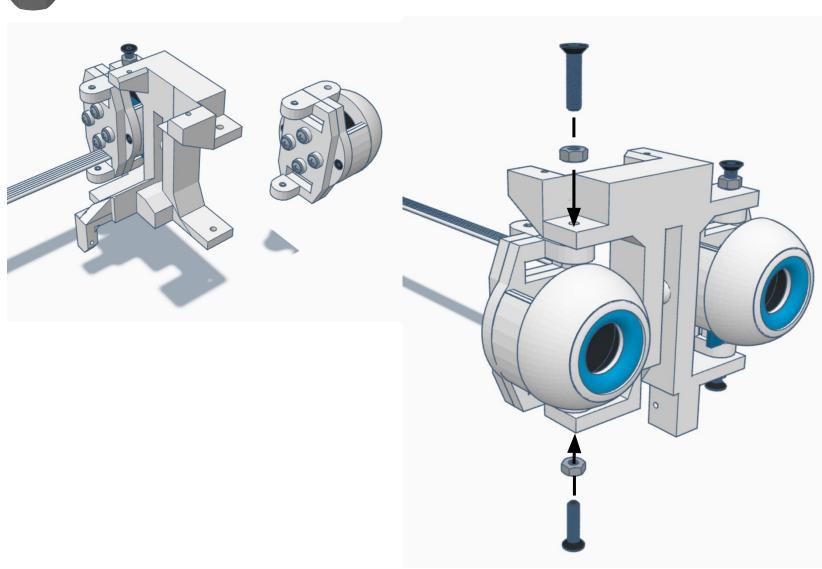


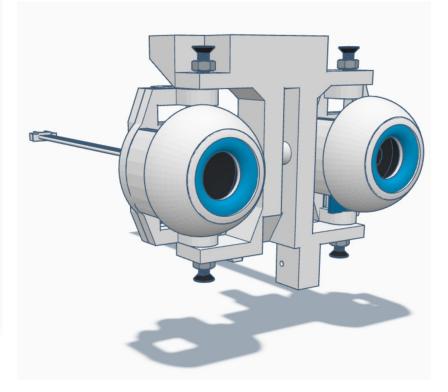


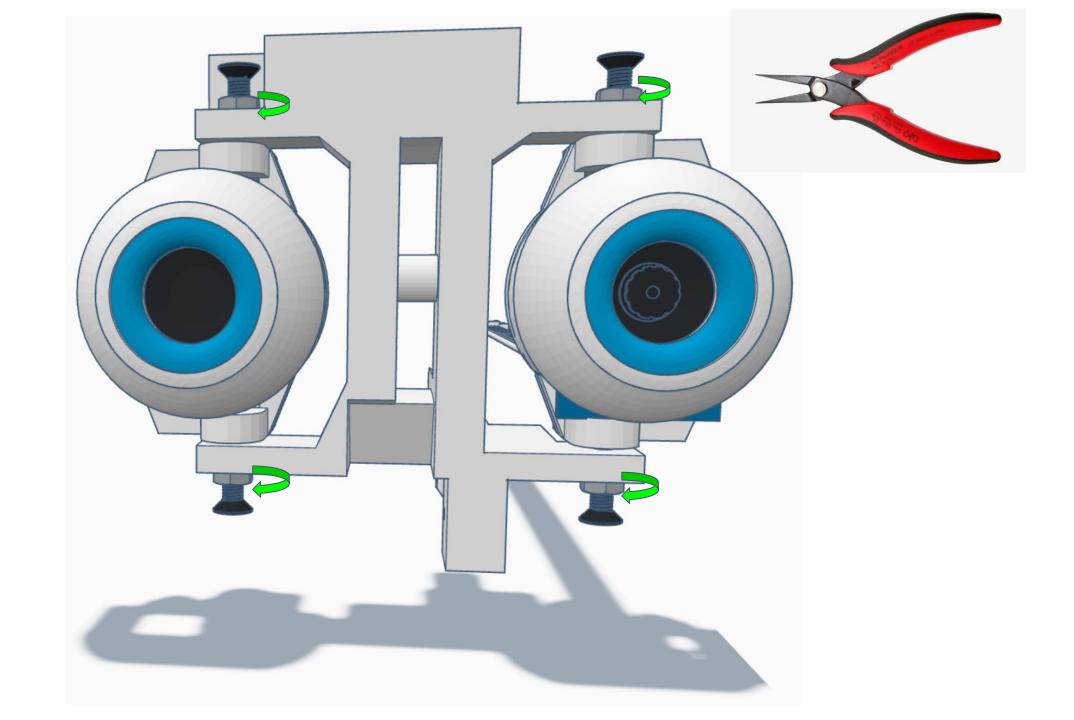


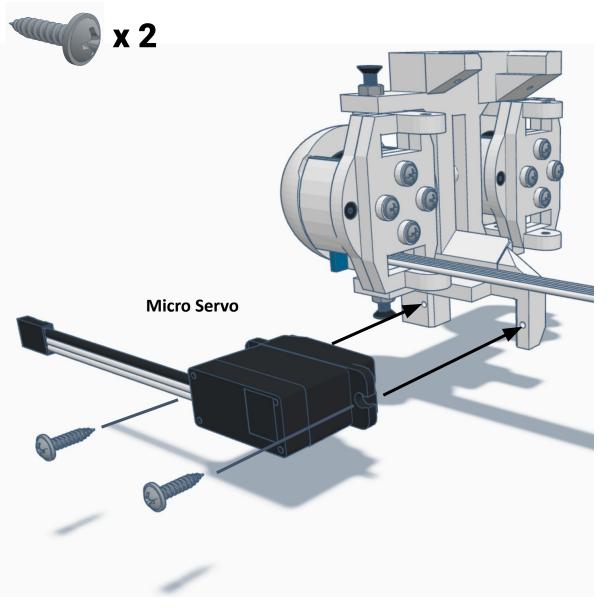


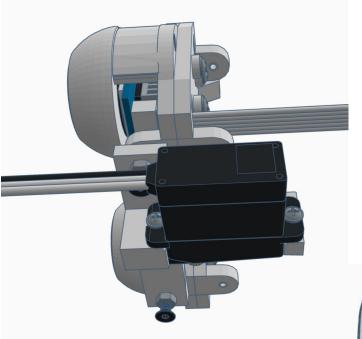


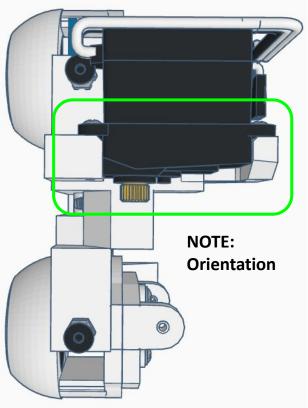


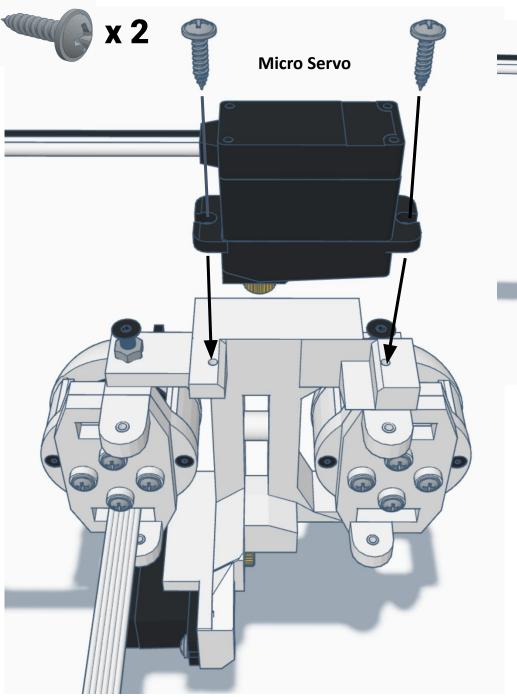


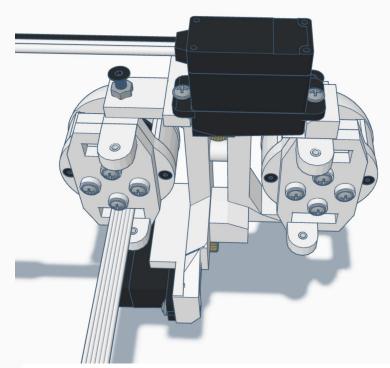




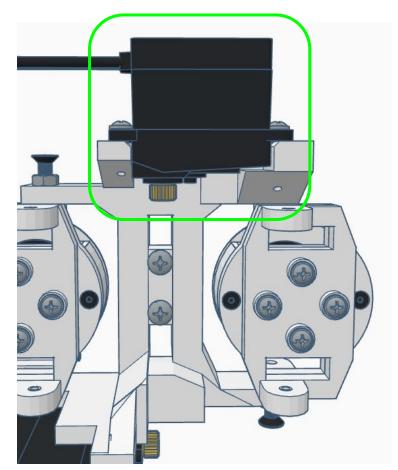




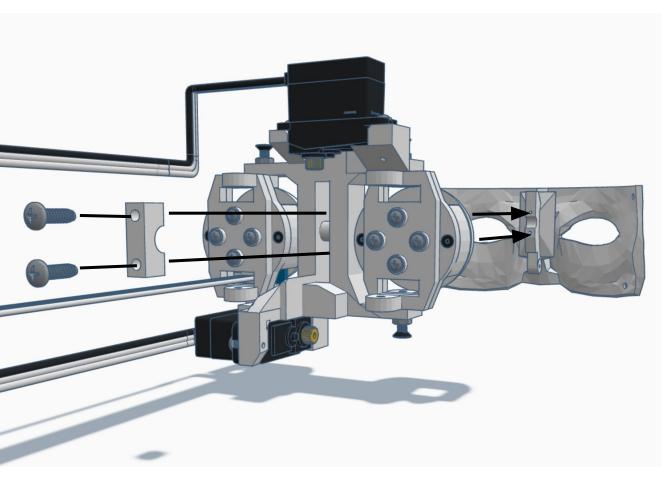


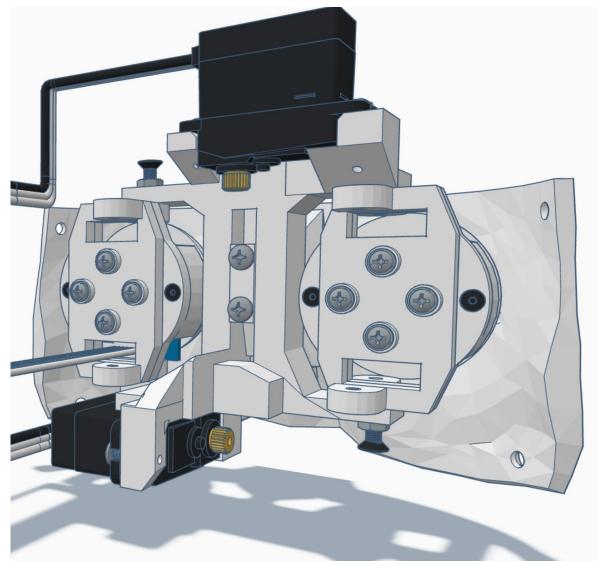


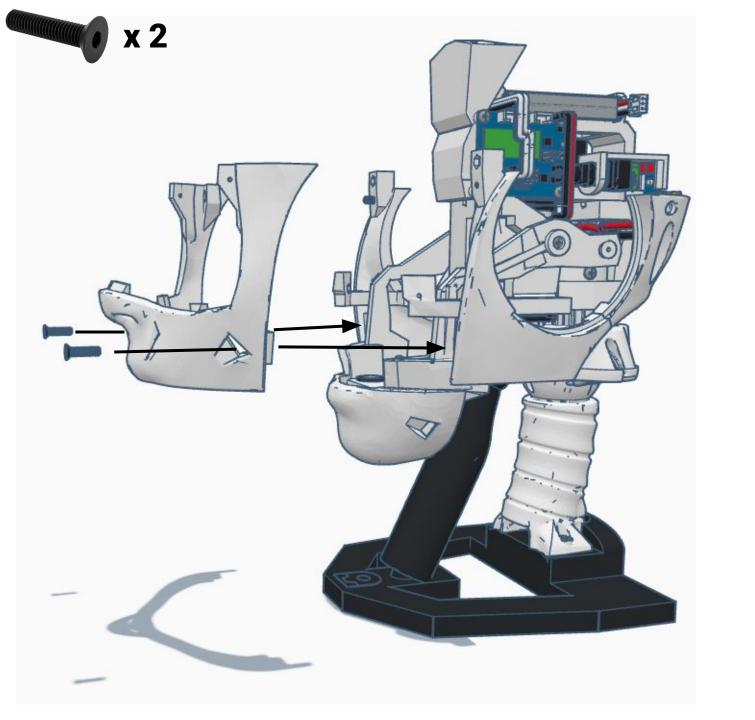
NOTE: Orientation

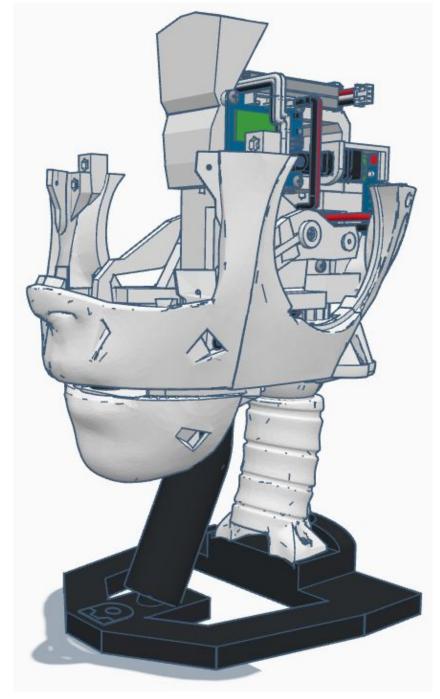


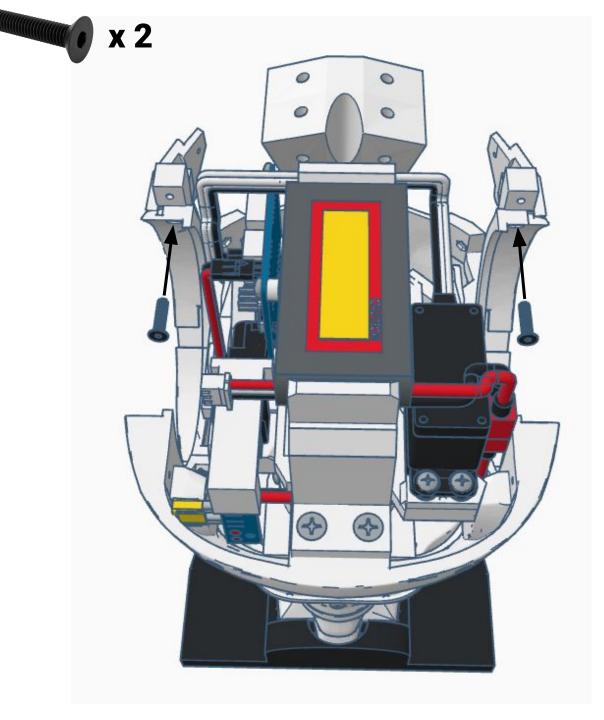




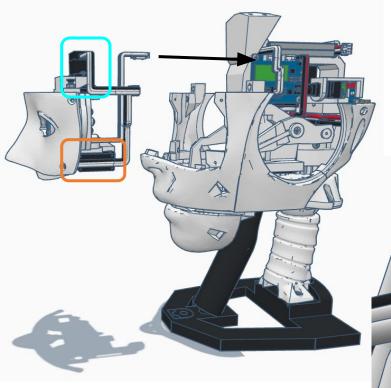




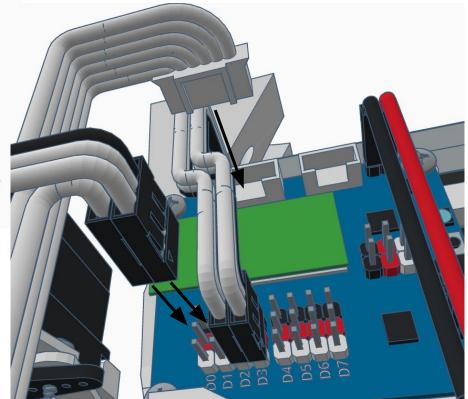






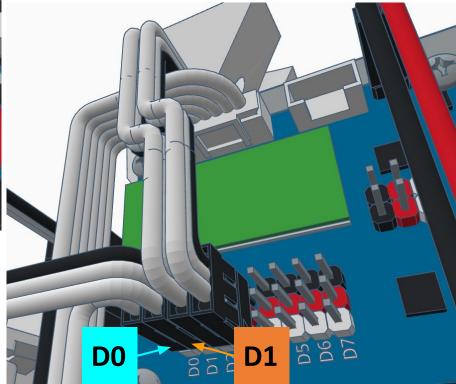


Camera Cable plugs into CAMERA port

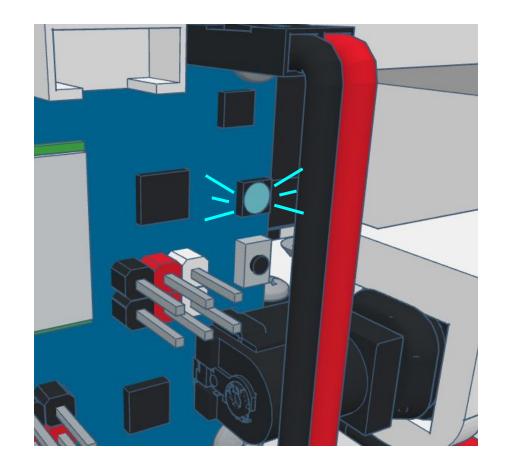


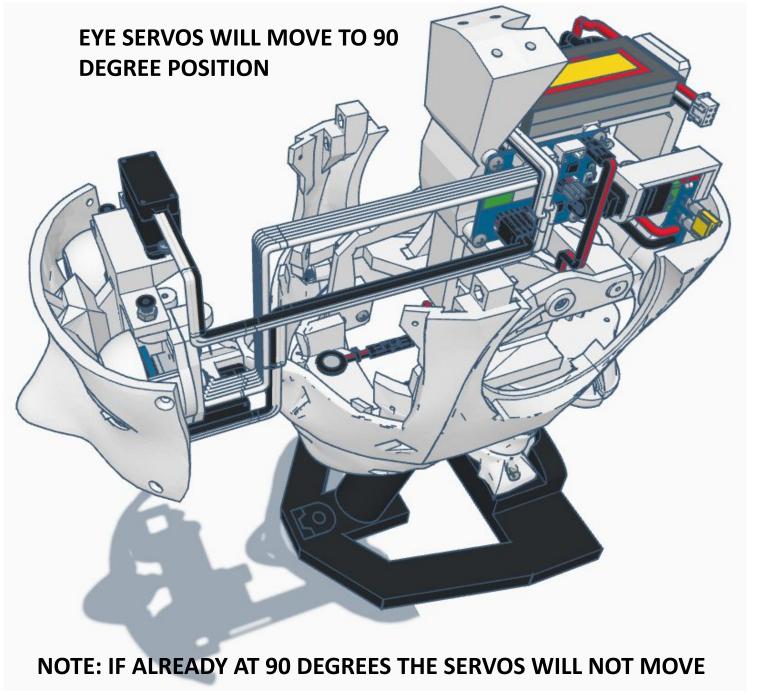
D0 - Eye Pan Servo

D1 - Eye Tilt Servo

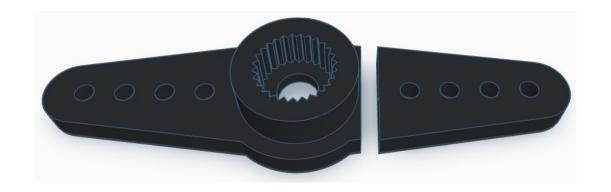


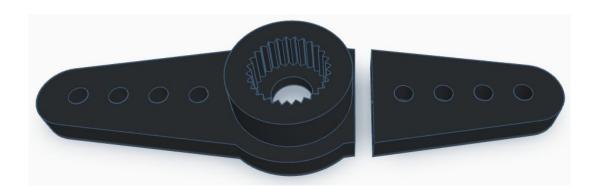
ENSURE THE IOTINY LED IS STILL FLASHING BLUE



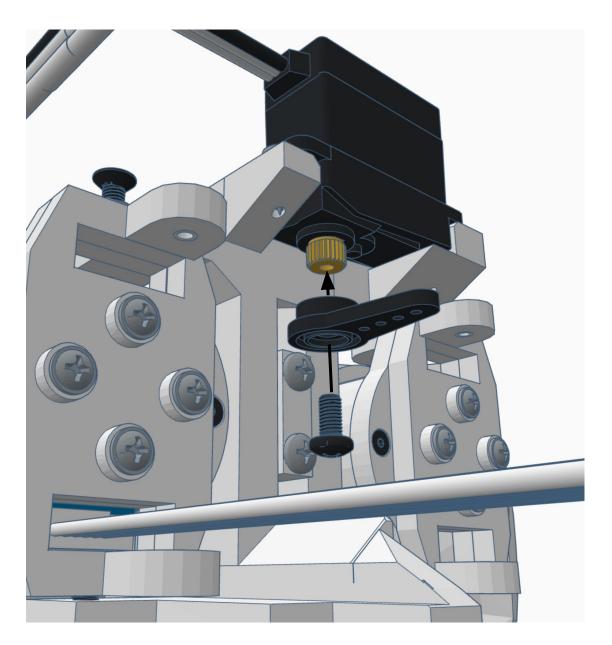


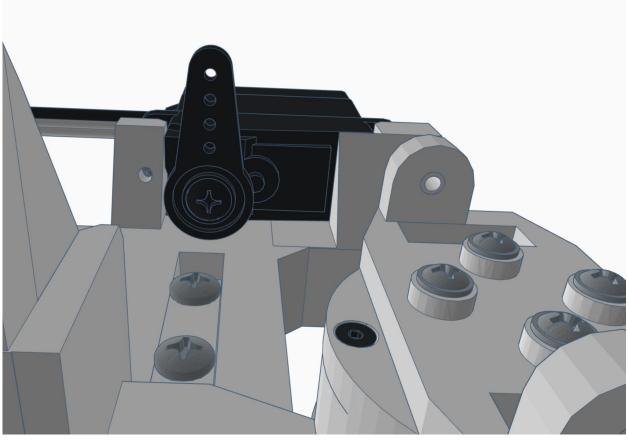








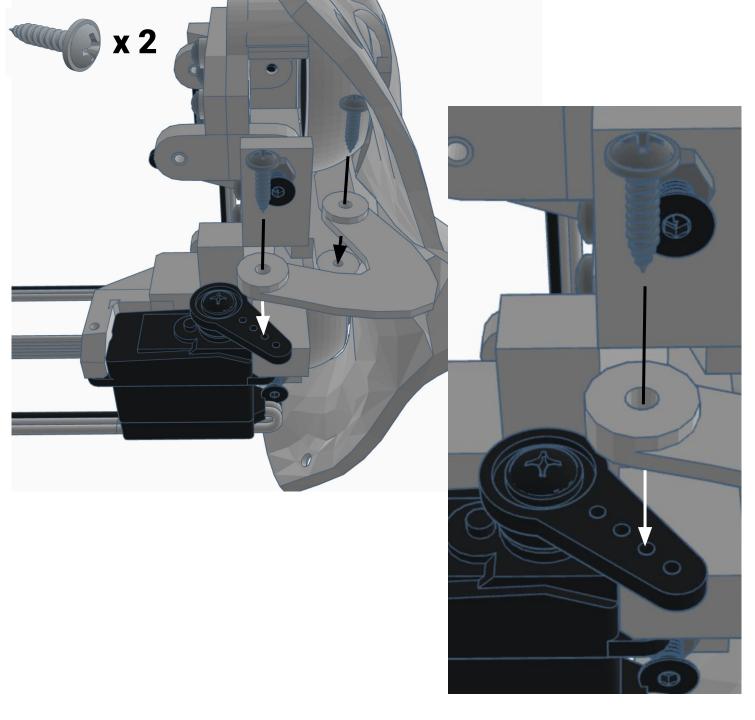


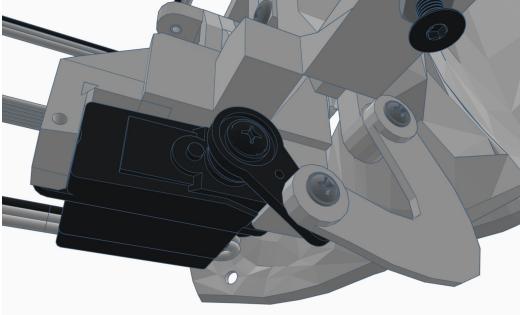




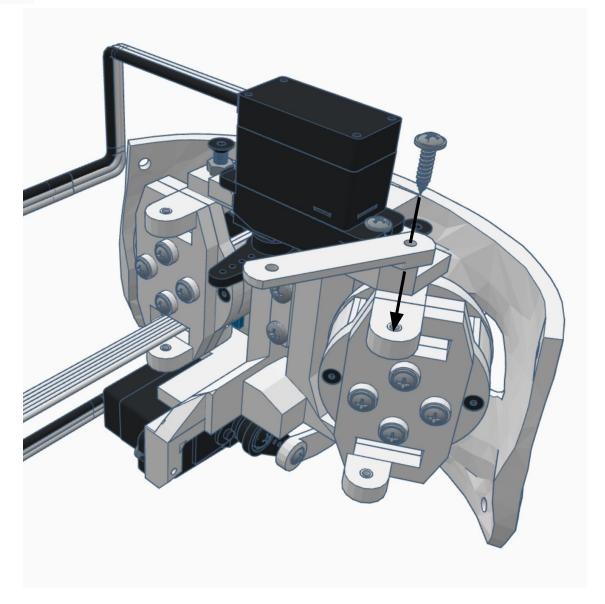


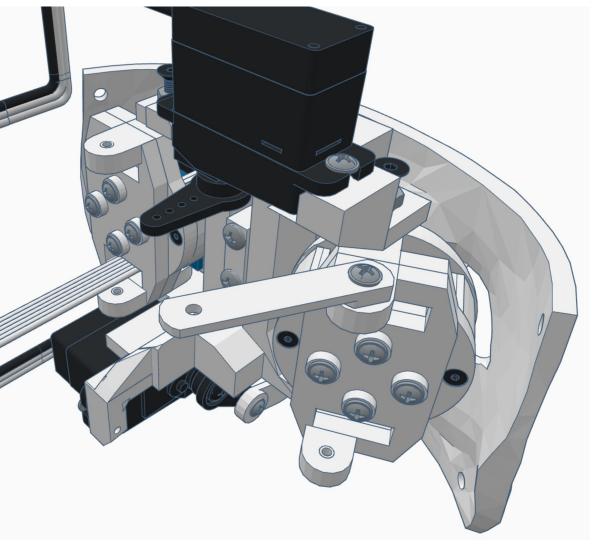




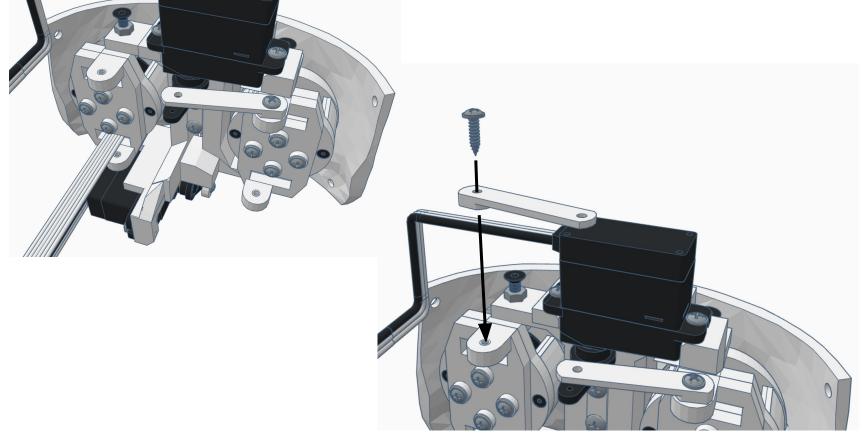


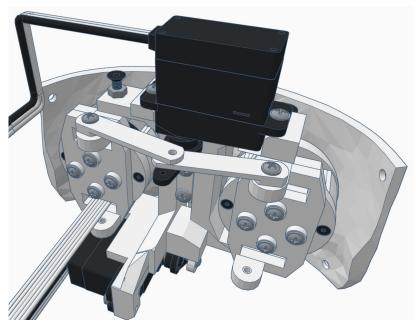


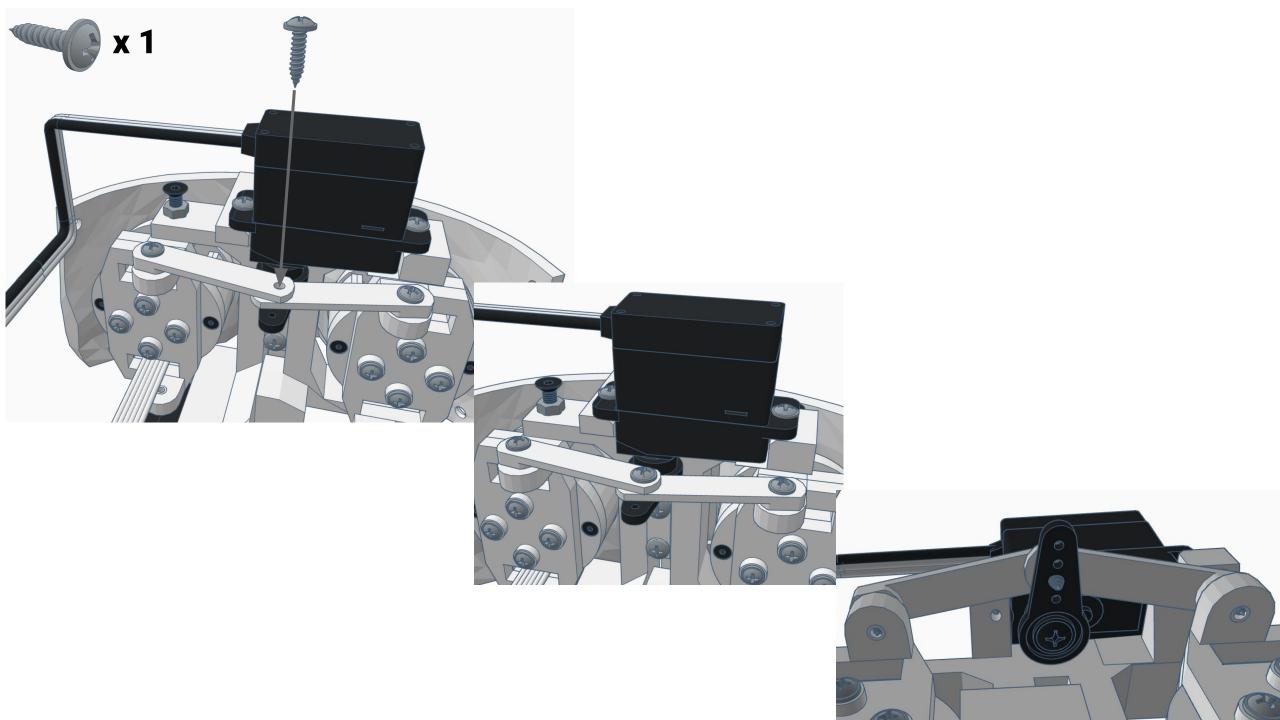


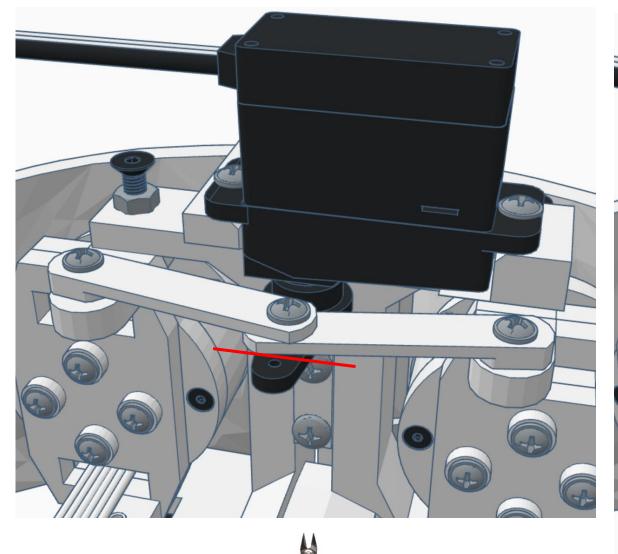


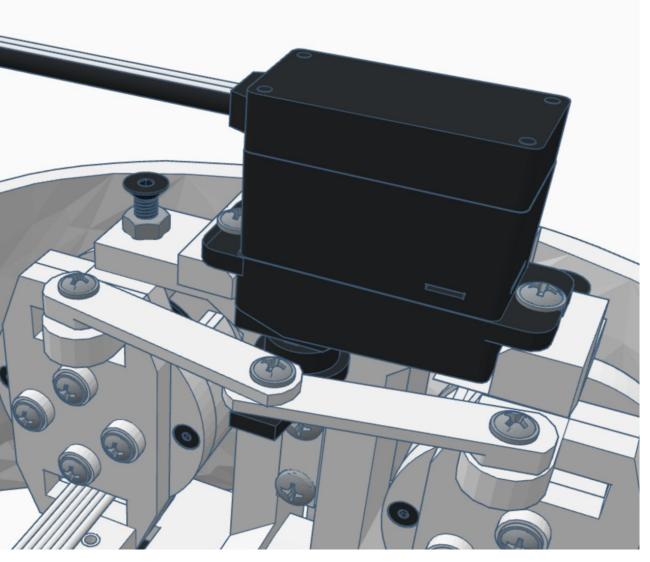




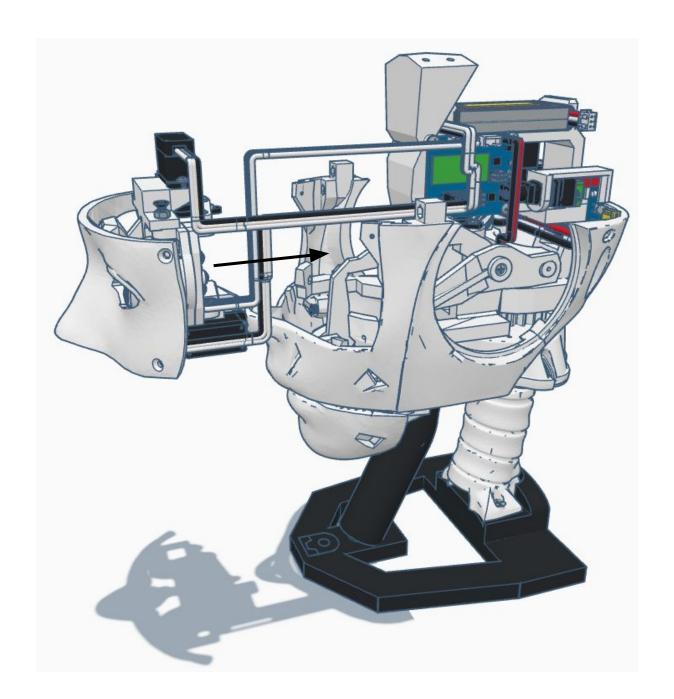


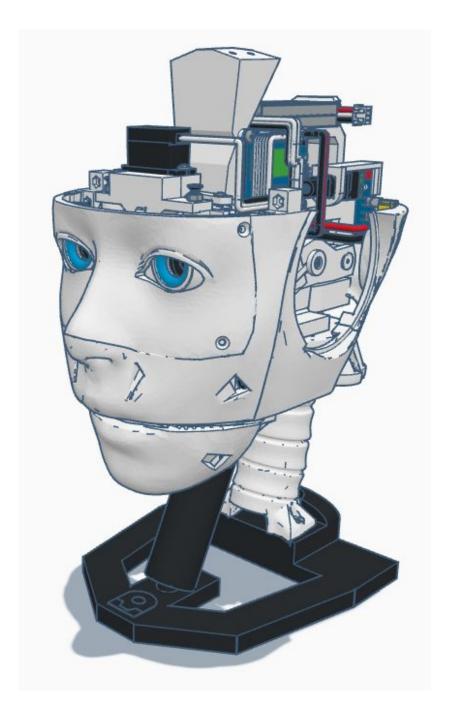




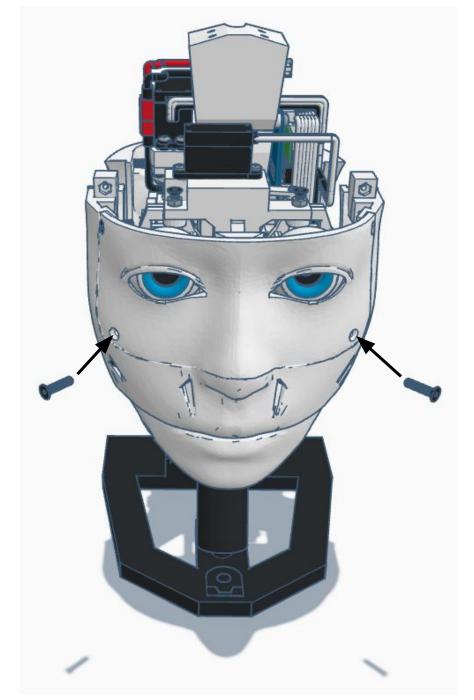


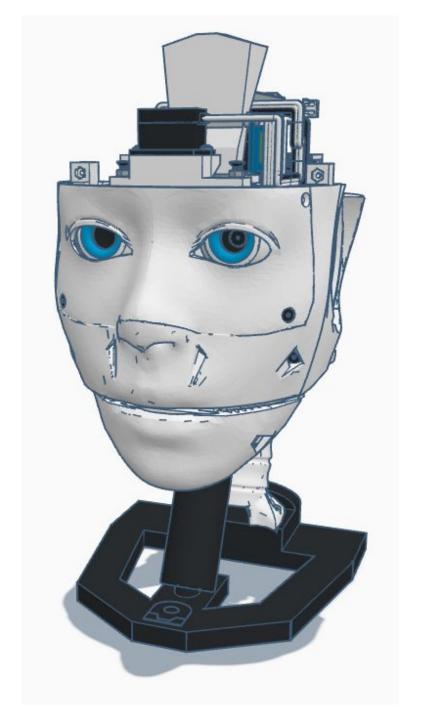


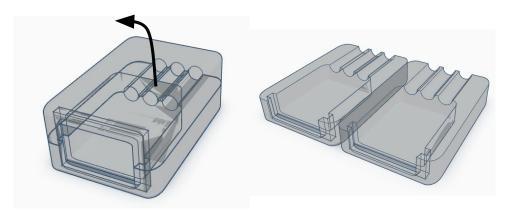




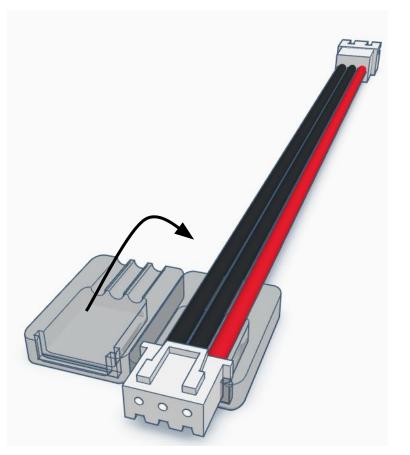




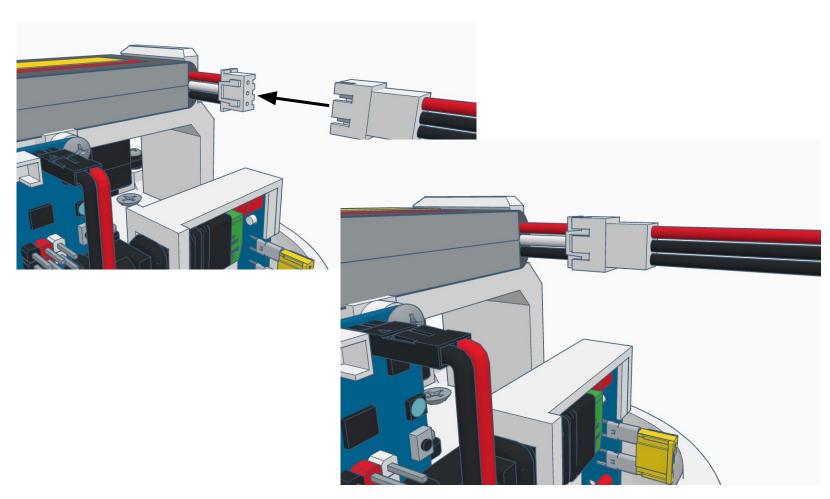


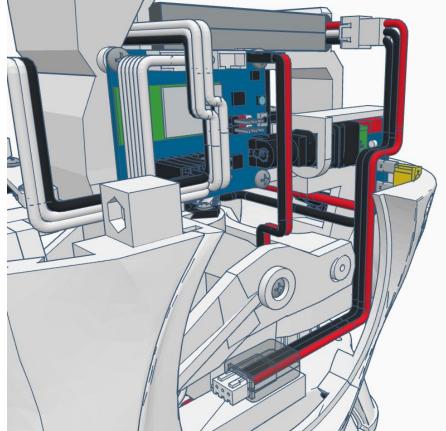


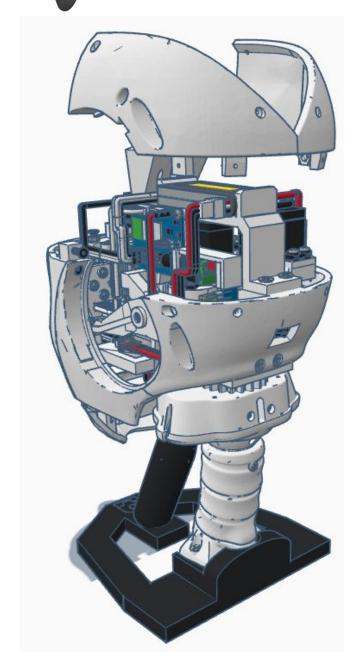


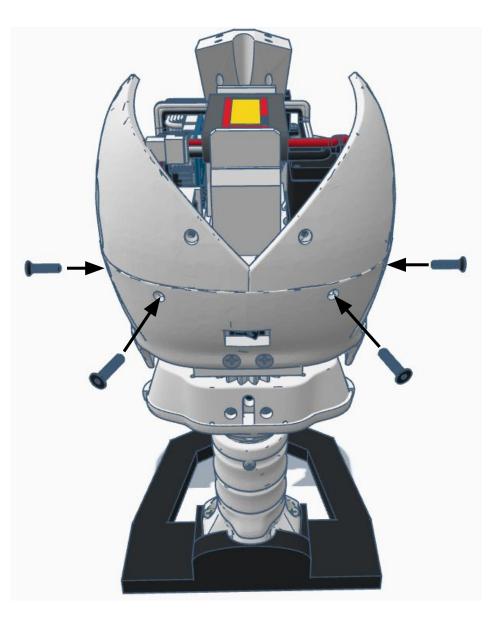




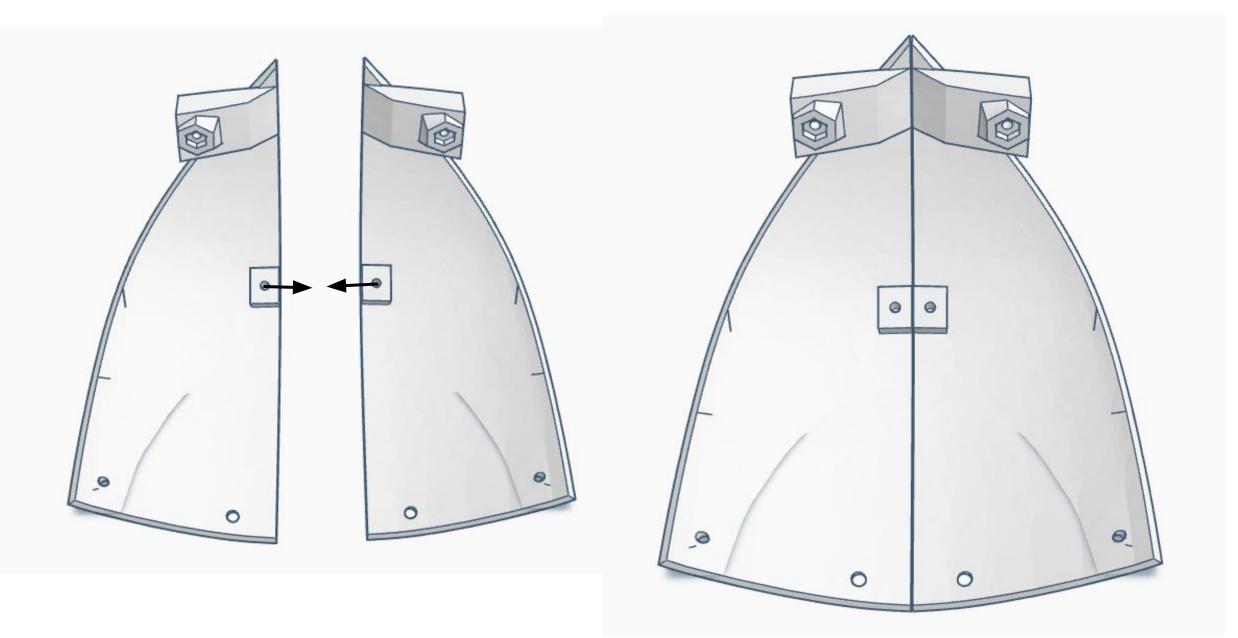




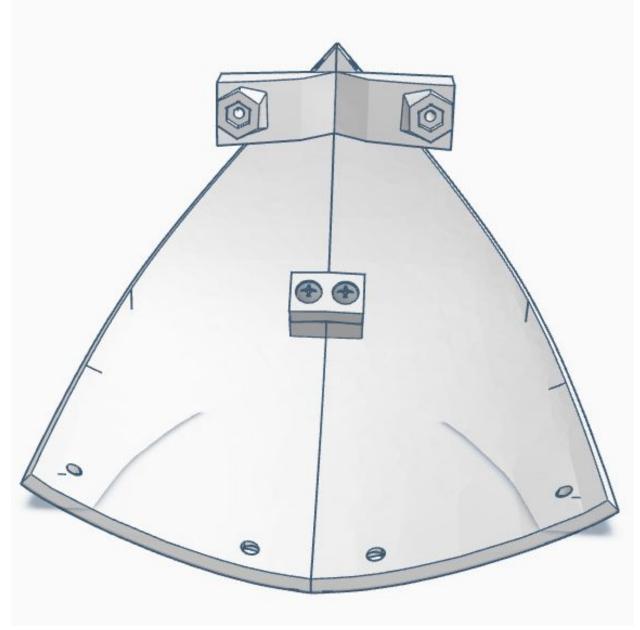


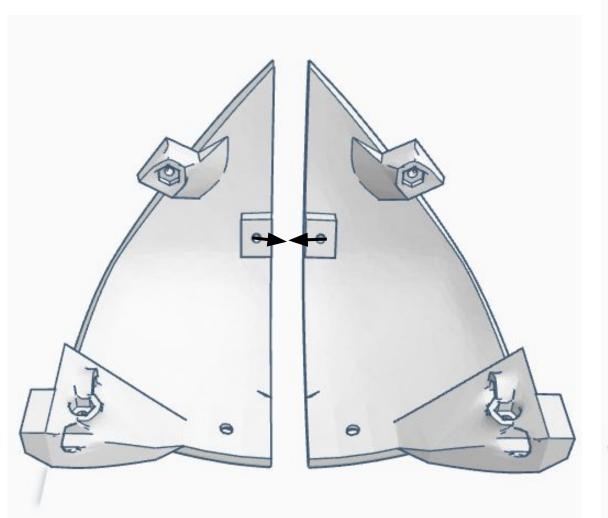


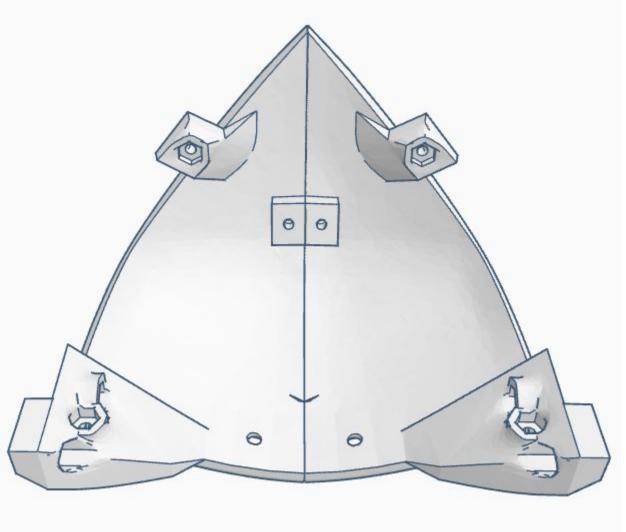




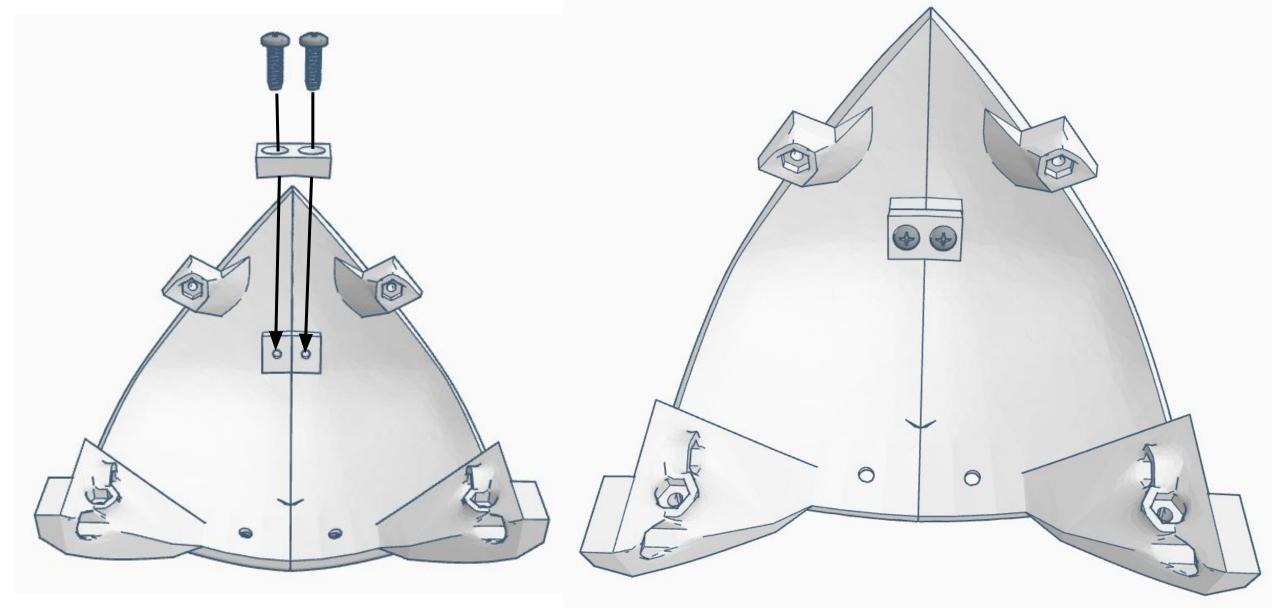


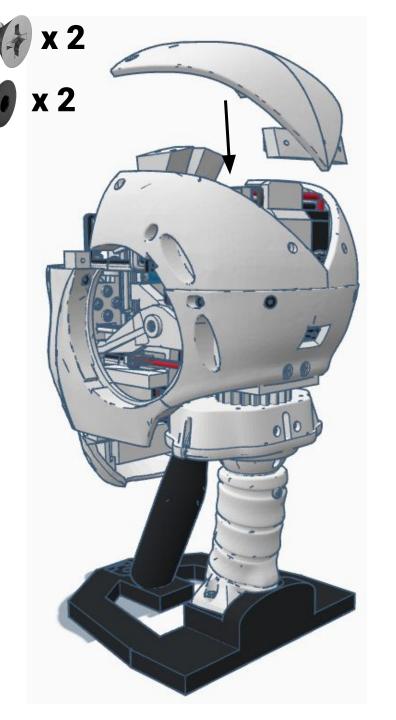








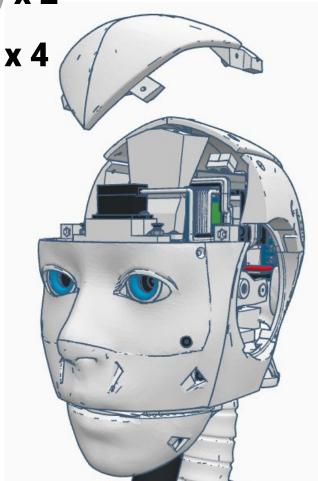


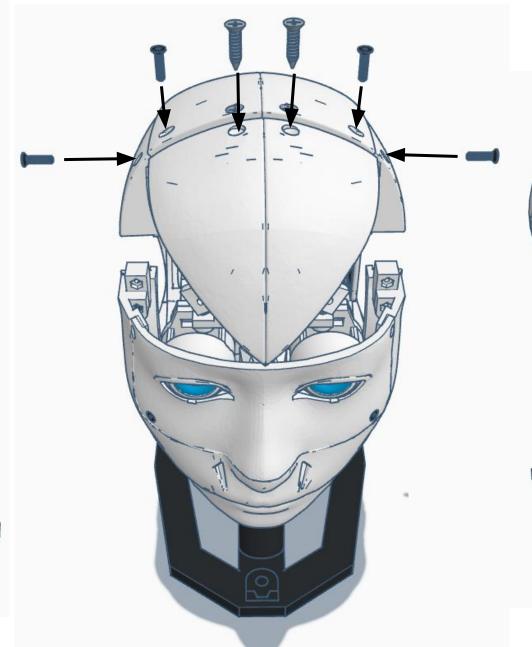


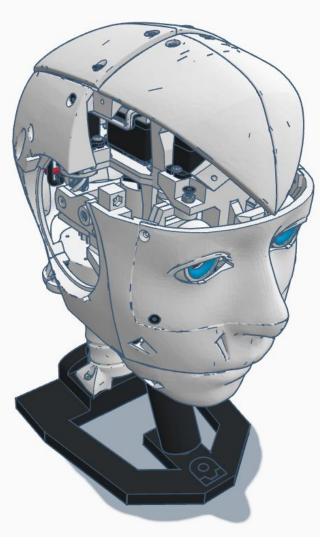




x 2







x 6

