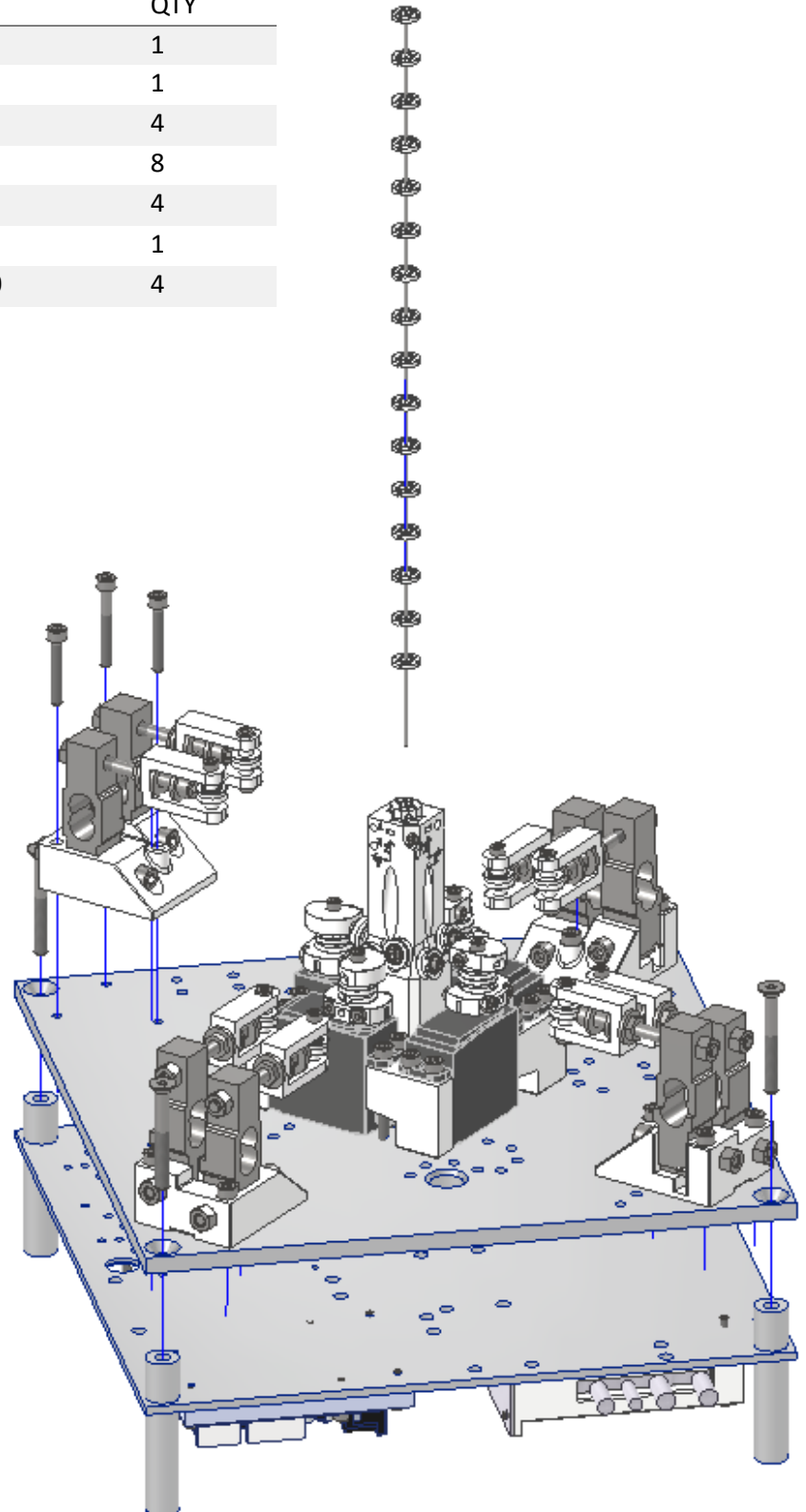


Tendon Driven Continuum Robot

Subcomponents and bill of materials

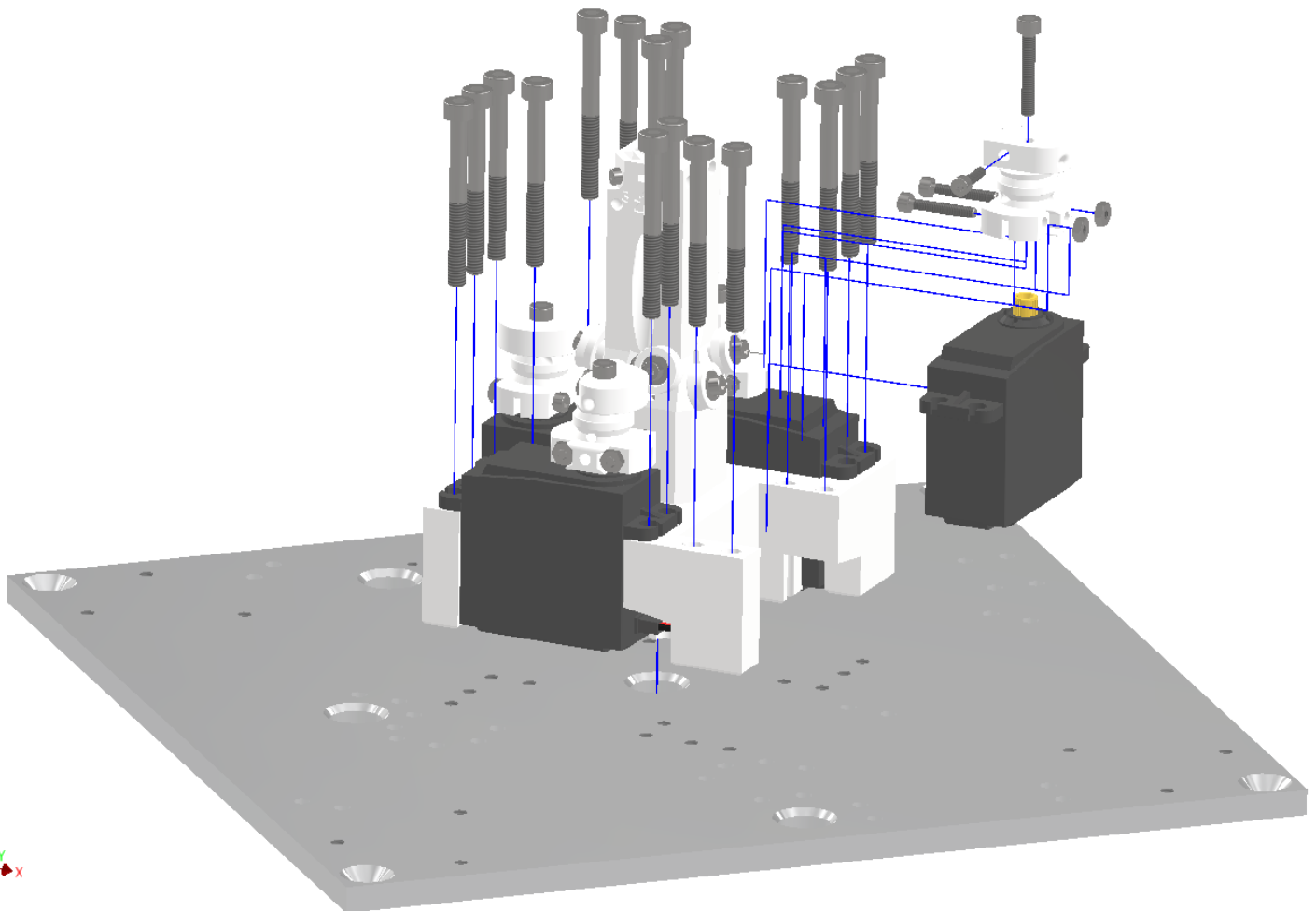
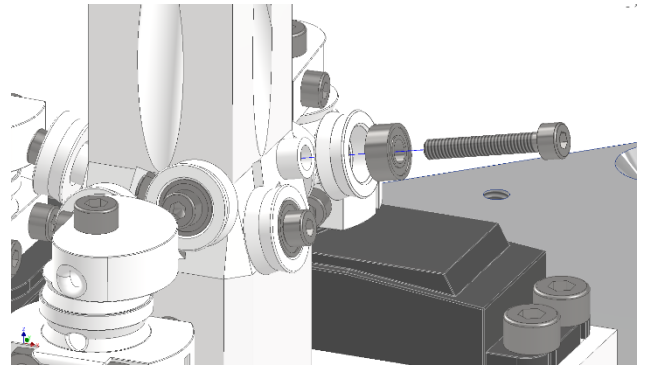
Full Setup

Item	Part Number	QTY
1	Module: base	1
2	Module: body	1
3	Module: force	4
4	Hex Socket Screw - M4 x 25	8
5	Hex Socket Screw - M4 x 30	4
7	Module: substruction	1
8	Countersunk Screw - M5 x 40	4



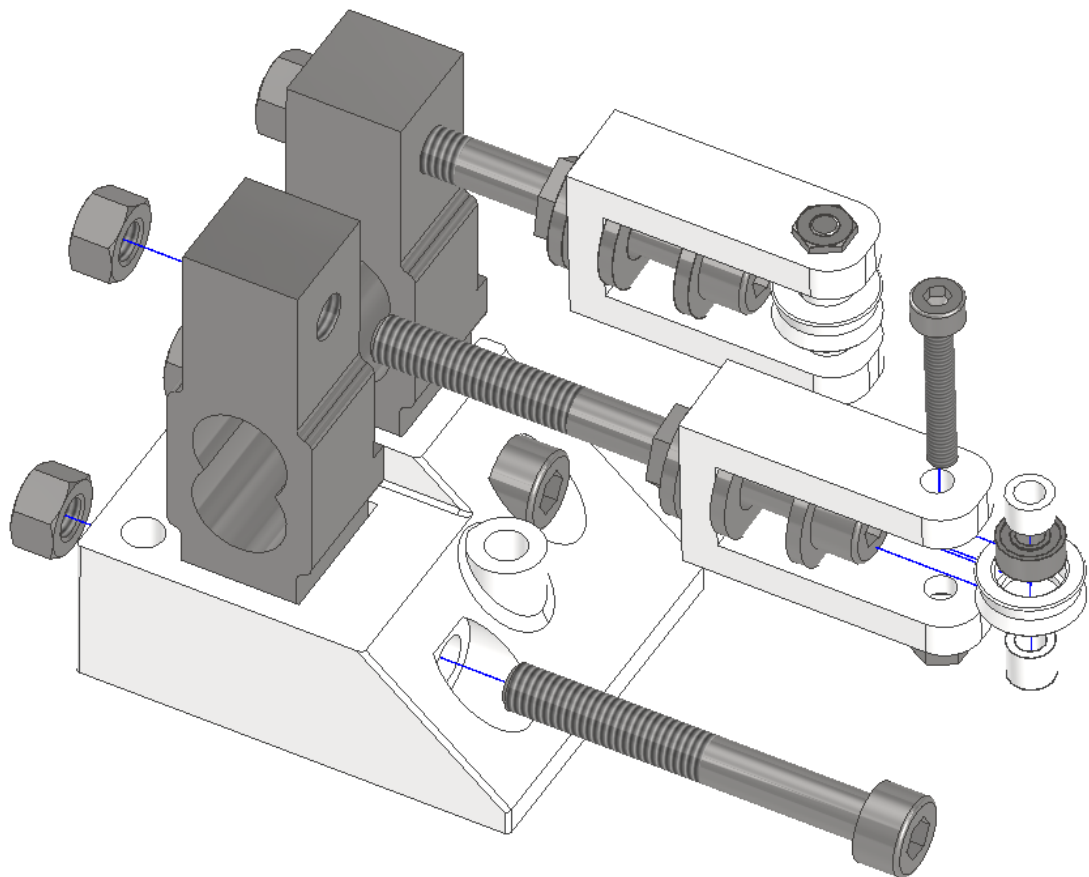
Base

Item	Part Number	QTY
1	Baseplate	1
2	Robot_Mount	1
3	Sunfounder_Servo_20kg	4
4	Tendondrum	4
5	Bearing_base	8
6	Deflection_Pulley	8
7	Hex Socket Screw - M2.5 x 16	16
8	Hex Socket Screw - M3 x 20	4
9	Hex Nut - M2.5	16
10	Hex Socket Screw - M2.5 x 10	4
11	Hex Nut - M2	1
12	Hex Socket Screw - M2 x 10	1
13	Hex Socket Screw - M4 x 40	16



Force Unit

Item	Part Number	QTY
1	LoadCell_mount	1
2	Loadcell_pulley	2
3	LoadCell_5kg	2
4	Pulley_Holder_V2	2
5	Pulley_Spacer_Bottom	2
6	Pulley_Spacer_Top	2
7	Bearing	2
8	BS EN ISO 4762 - M5 x 50	2
9	BS EN ISO 4762 - M5 x 35	1
10	BS EN ISO 4762 - M5 x 40	1
11	ISO 4032 - M5	4
12	AS 1237 - 6 mm	6
13	BS 4183 - M5	2
14	BS EN ISO 4762 - M3 x 20	2
15	ISO 4032 - M3	2



Substruction

Item	Part Number	QTY
1	Substruction_mount	1
2	Legs	4
3	Spacer	4
4	Arduino	1
5	PhidgetBridge	2
6	PhidgetBridge_Spacer	1
7	PhidgetBridge_Spacer_low	1
8	Powersupply	1
9	Powersupply_cover	1
10	Hex Socket Screw - M2.5 x 12	2
11	Hex Socket Screw - M3 x 12	2
12	Hex Socket Screw - M3 x 5	1
13	Hex Socket Screw - M3 x 30	1
14	Hex Socket Screw - M2.5 x 16	1

