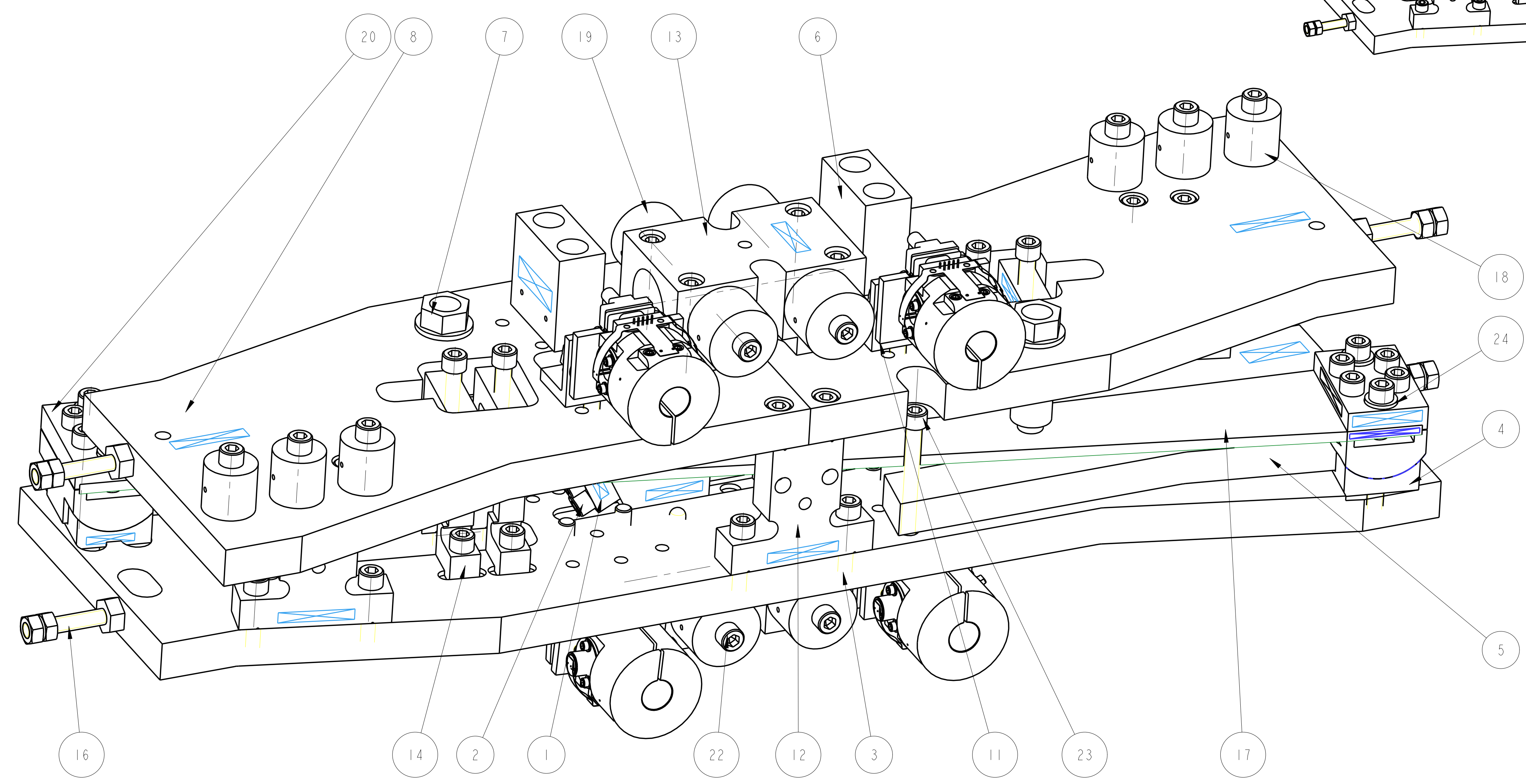
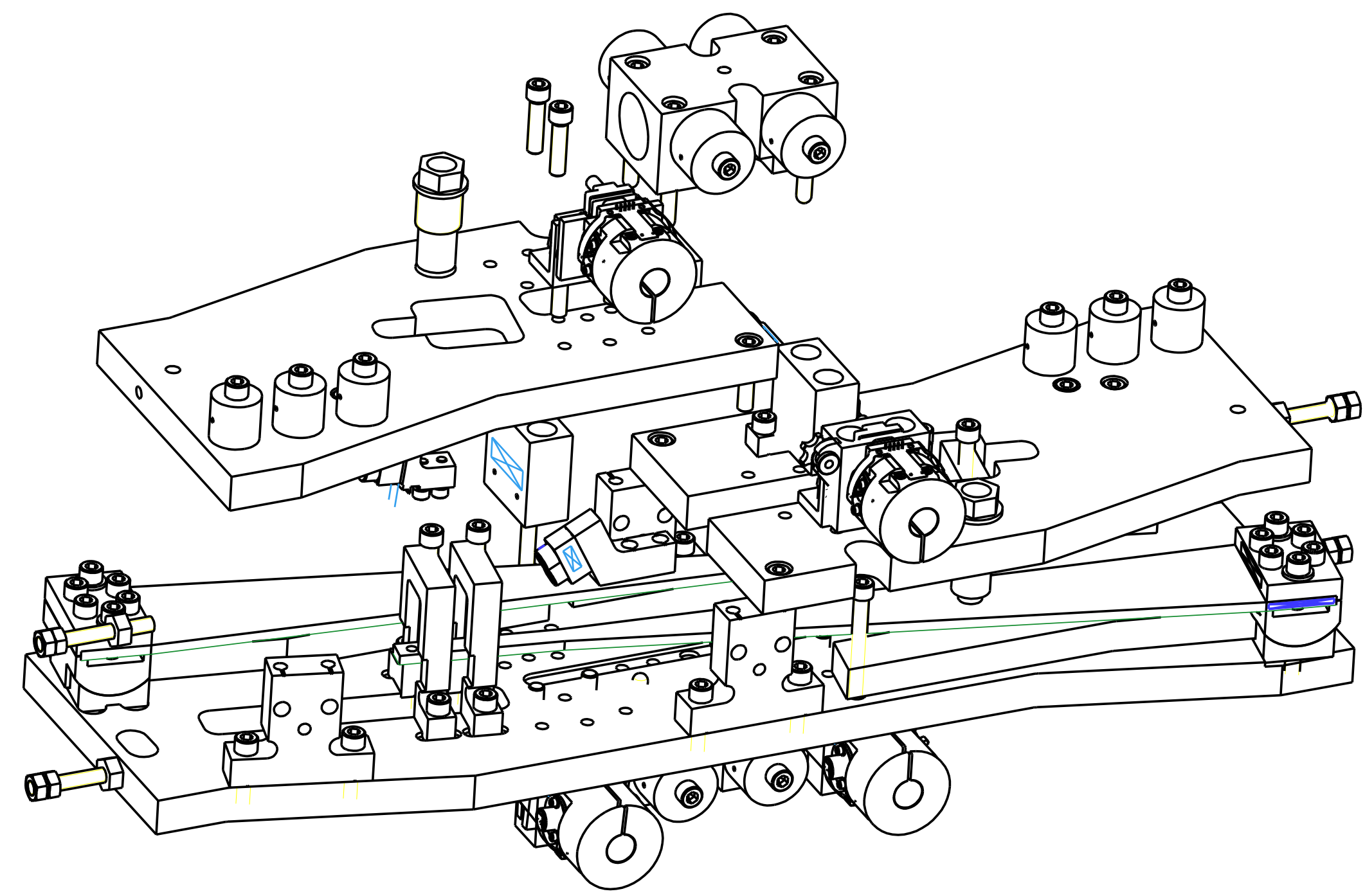
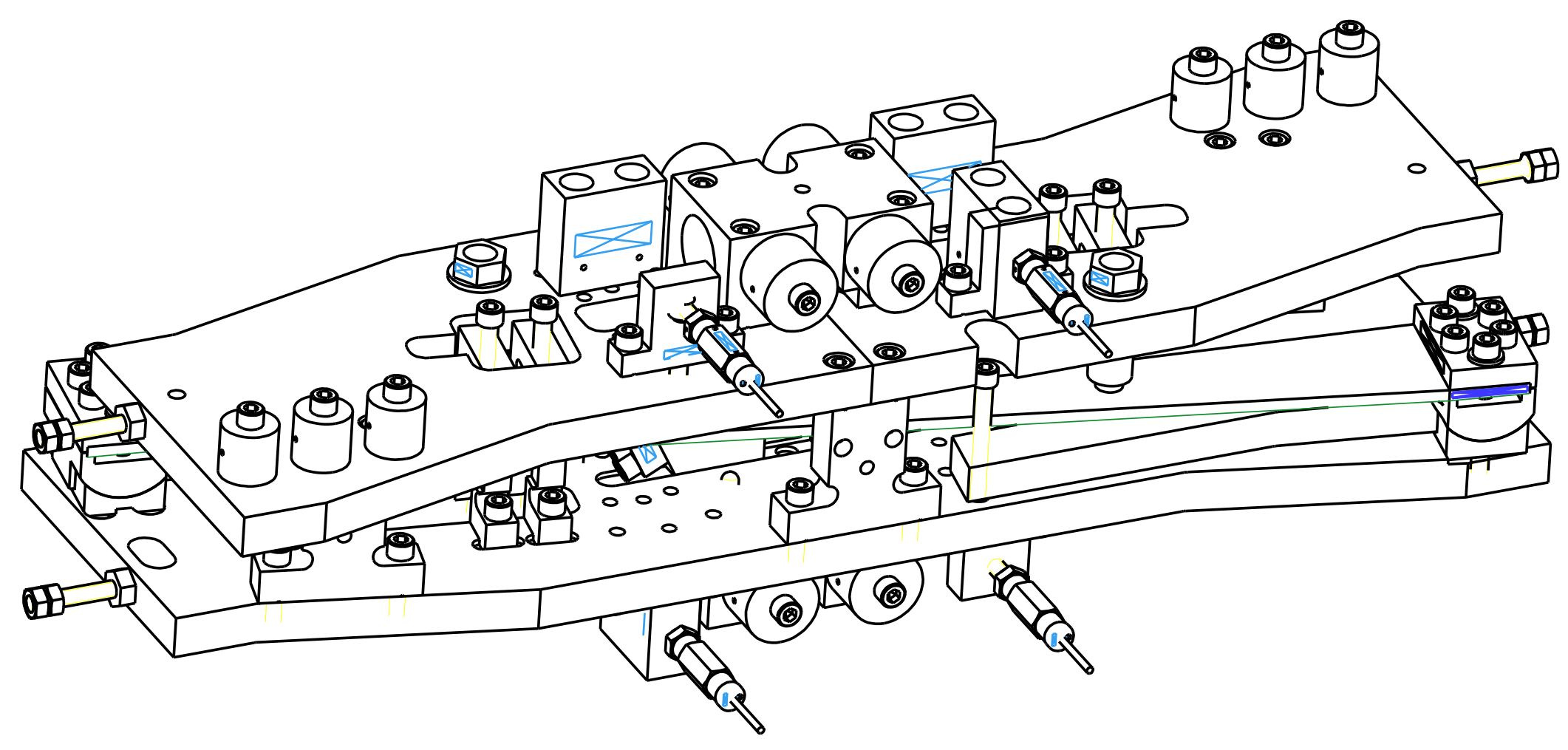


REV.	DATE	DCN #	DRAWING TREE #
A	18/OCT/06	E060247	
B	19/DEC/07	E060247-B	
H	21/JULY/08	E080371	



SCALE 1:1

ITEM	QTY	SPARE	TOTAL	PART NUMBER	DESCRIPTION	MATERIALS
1	2			000034	WIRE CLAMP JAW; ALL MASSES	ST STEEL: 304/316
2	4			000030	RECESSED 1/4" 20 UNC X 0.75" CAP HEAD	ST STEEL: 304/316
3	1			000076	MASS BASE PLATE; . . .	ST STEEL: 304/316
4	2			000077	BLADE TIP 2 POSITION ADJ; (BTH HALF PART 2)	AL ALLOY: 5083 OR 6061
5	2			000078	BLADE TIP 2 POSITION ADJ; (BTH HALF)	ST STEEL: 304/316
6	8			000079	STEM AND FLAG COUNTERWEIGHT; 8X MASS	ST STEEL: 304/316
7	2			000080	01 MASS BLADE ECG; . . .	OFHC COPPER; . . .
8	2			000082	01 MASS TOP PLATE; . . .	ST STEEL: 304/316
9	2			000083	MIDDLE WIRE; WIRE CLAMP; CLAMP BODY	ST STEEL: 304/316
10	4			000085	01 MASS FLAG MOUNT; . . .	SEE ITEMS LIST; . . .
11	4			000087	01 MASS STEM MOUNT; . . .	SEE ITEMS LIST; . . .
12	4			000089	TOP MASS SPACER; . . .	ST STEEL: 304
13	2			000090	PITCH ADJUSTER & MASS ADJUSTER TURRET	AL ALLOY: 5083
14	4			000091	STOP BRIDGE; . . .	AL ALLOY: 5083
15	2			000040	01 MASS WIRE CLAMP; SEE DRAWINGS
16	4			007049	01M E SQUARE STOP; . . .	ST STEEL: 304/316
17	2			000037-PLAY	BOTTOM BLADE SPRINGS; . . .	MARAGING STEEL 250; . . .
18	6			000039-156.0	ADDITIONAL MASS; . . .	ST STEEL: 316
19	8			000039-166.0	ADDITIONAL MASS; . . .	ST STEEL: 316
20	2			000000-000	BLADE CLAMP; (TOP HALF)	ST STEEL: 304
21	8				1/4 20 UNC NOT; . . .	ST STEEL 316
22	62				1/4" 20 UNC X 1" CAP HEAD; . . .	ST STEEL 316
23	18				1/4" 20 UNC X 2" CAP HEAD, SPHERICAL TIP; . . .	ST STEEL 316
24	4				1/4 SPHERICAL WASHER; . . .	ST STEEL 316
25	2				10MM MAGNET; . . .	

NOTES: (UNLESS OTHERWISE SPECIFIED)

- REMOVE ALL SHARP EDGES.
- DO NOT SCALE FROM DRAWING.
- ALL MACHINING FLUIDS SHALL BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SILICONE. SUCH AS CIMTECH WILCORON'S CIMTECH 410 (STAINLESS STEEL).
- SCRIBES, ENGRAVERS OR STAMP DRAWING PART NUMBER ON NOTED SURFACE OF PART AND A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST PART AND PROCEED CONSECUTIVELY. USE 077 HIGH CHARACTERS. EXAMPLE: 000000-001. A VIBRATORY TOOL MAY BE USED.

DIMENSIONS ARE IN MM (INCHES)

FINISH: AS DRW

SCALE: 1:1

DATE: 08/07/08

DRW: WILMOT

CHECKED: AJB

APPROVED: AJB

SCALE: 1:1

PRODUCTION: 1

SHEET: 1 OF 1

CALIFORNIA INSTITUTE OF TECHNOLOGY
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY
 DR. GLASSON UNIVERSITY GEO 600 GROUP
 RUTHERFORD APPLETON LABORATORIES

SYSTEM: **ADVANCED LIGO**

SUB-SYSTEM: **SUS**

NEXT ASSY: **QUAD N-PTYPE**

PART NAME: **UI MASS**

DRG. NO.: **D060375**

REV. H.