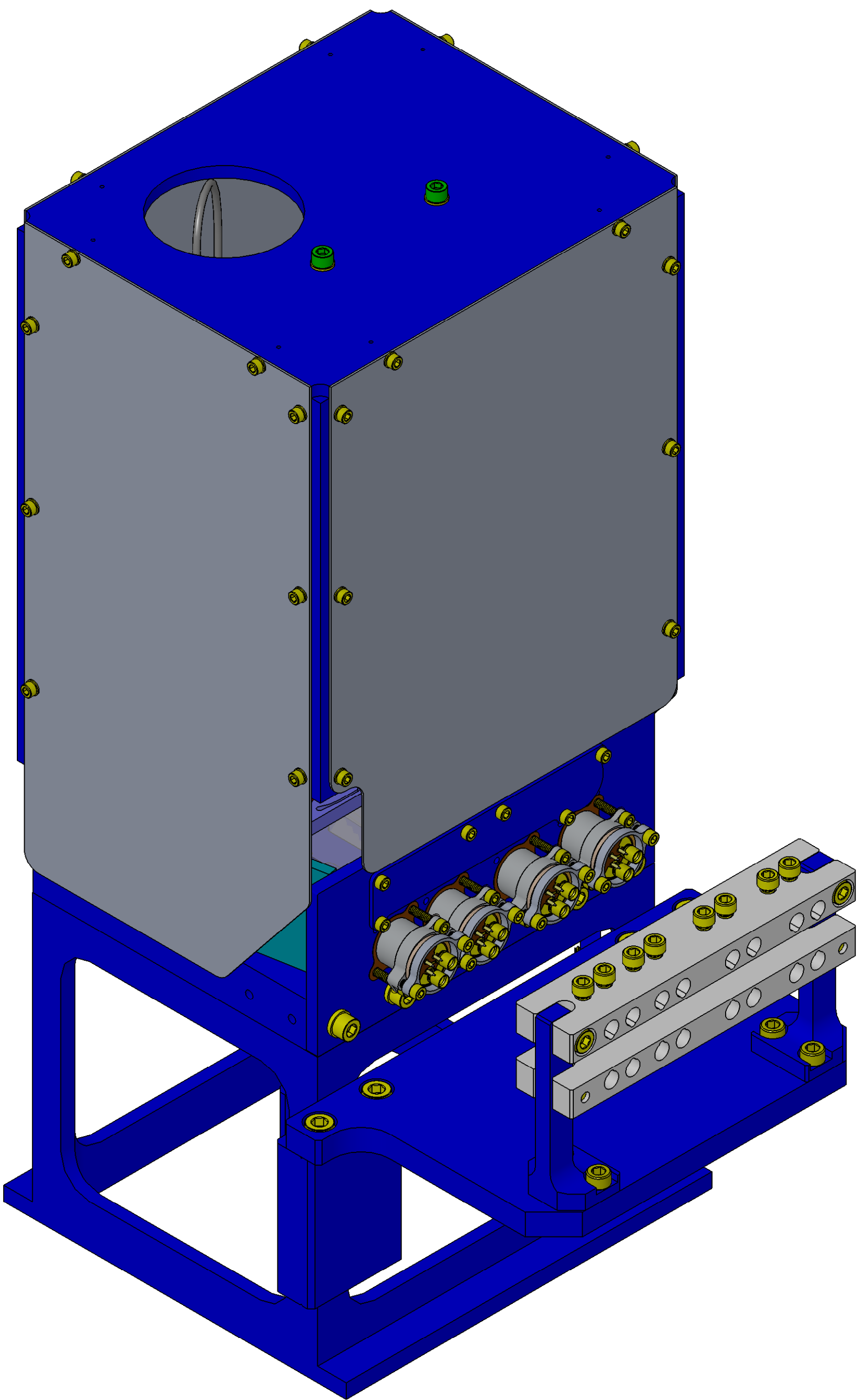
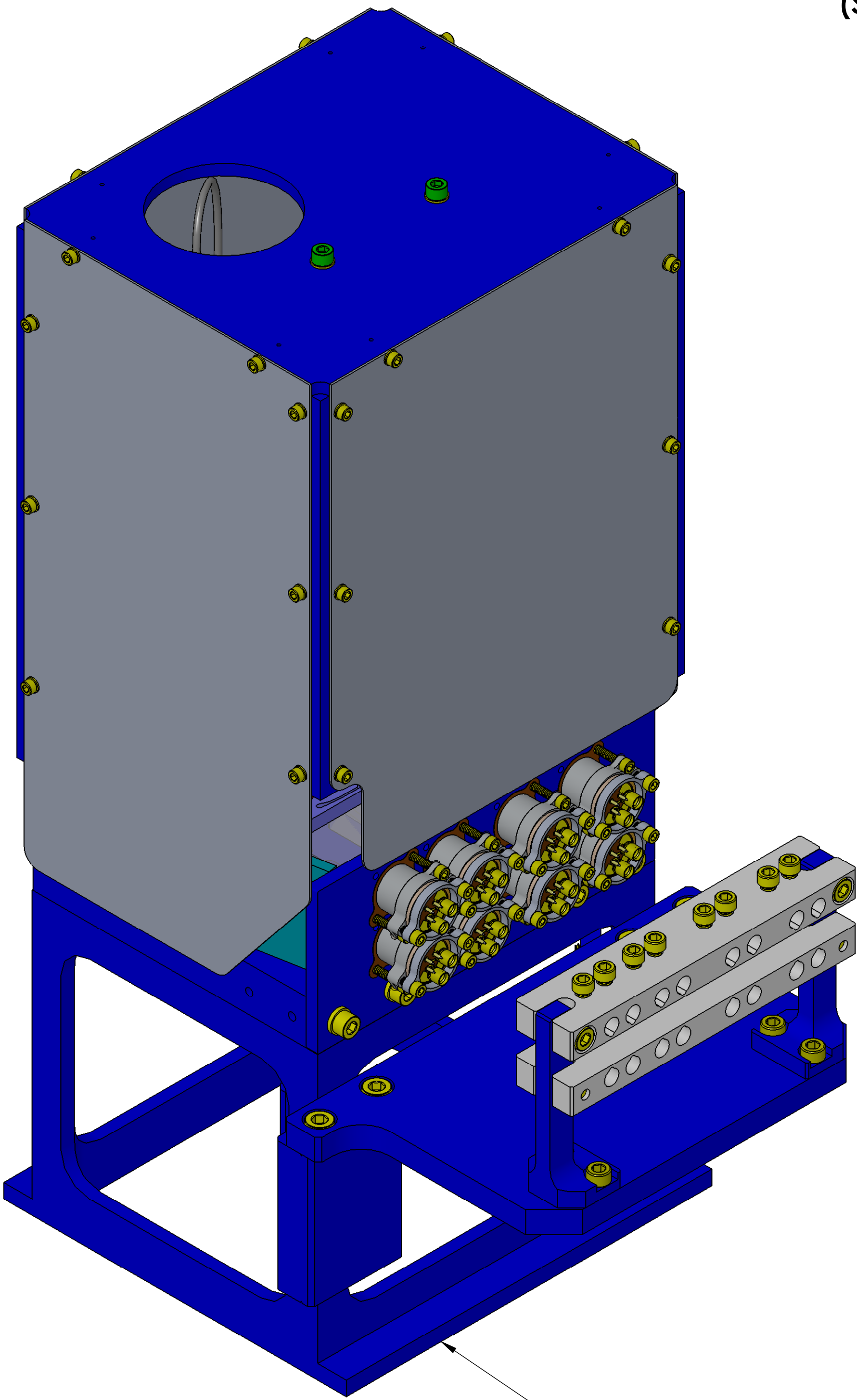


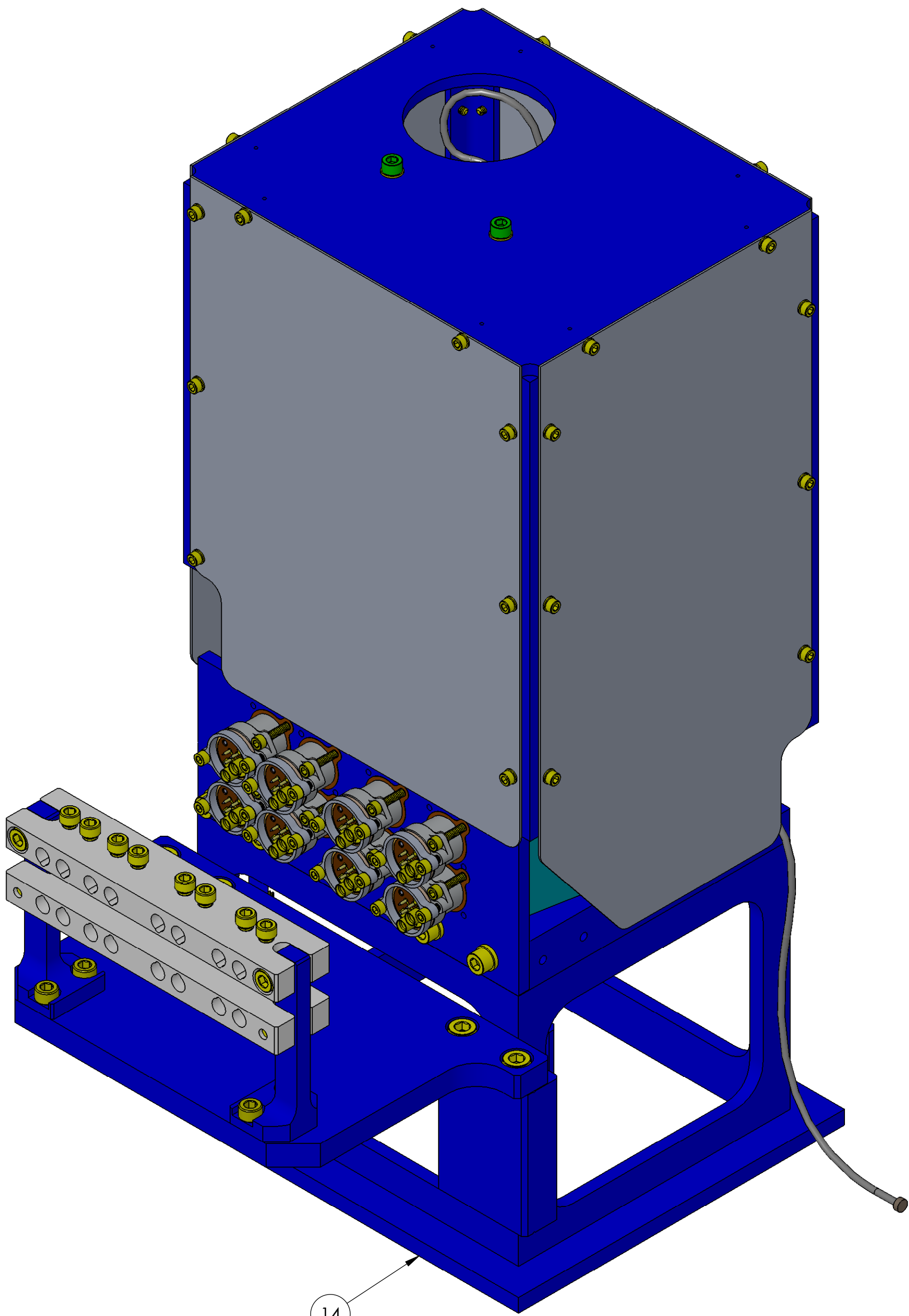
REV.	DATE	DCN #	DRAWING TREE #
v2	01 OCT 2013	E1300743-x0	-
v5	30 SEP 2014	E1400384-x0	-
-	-	-	-



DESIGN CONFIG.
(SEE SHEET 2 FOR ASSY. DETAILS)



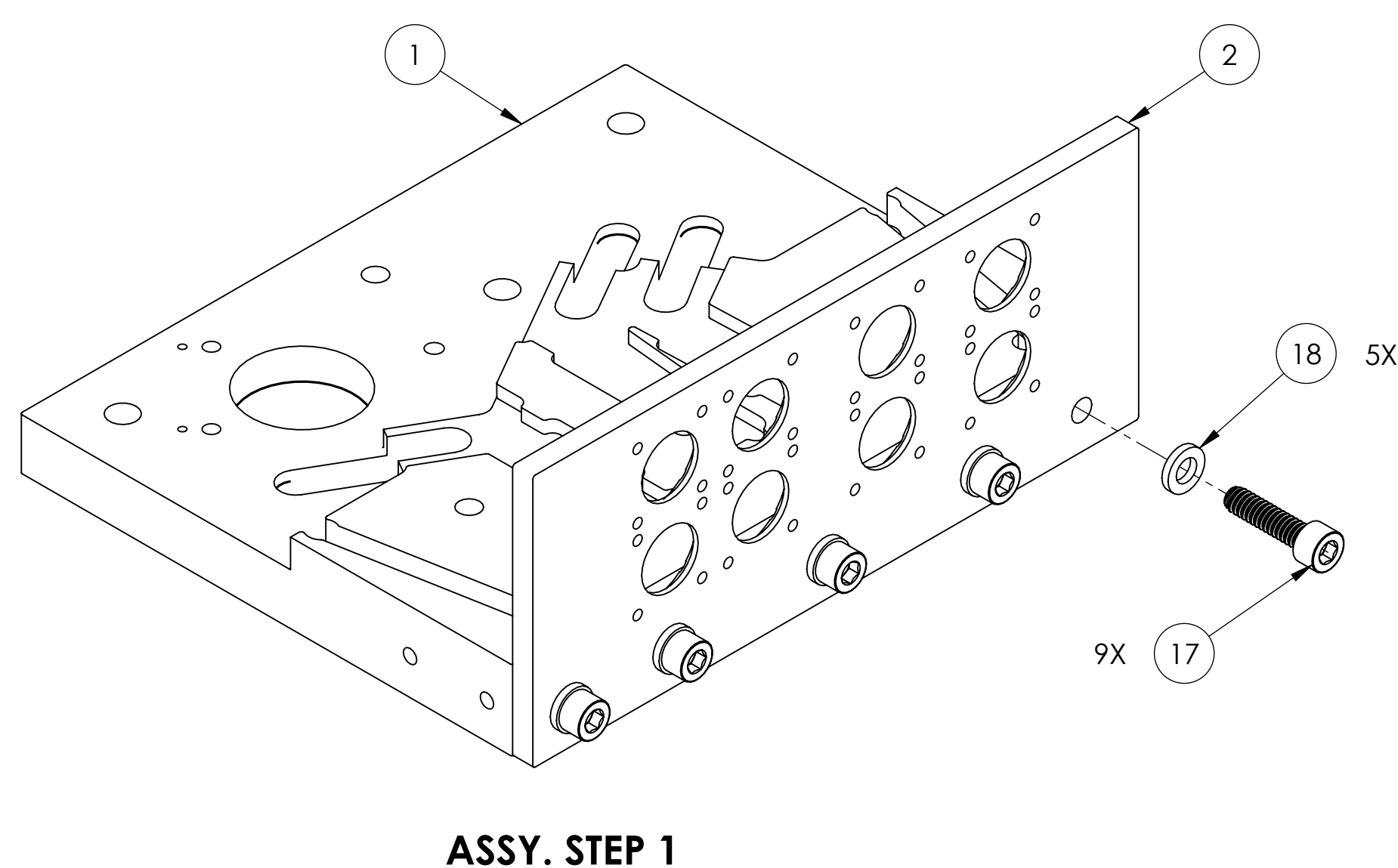
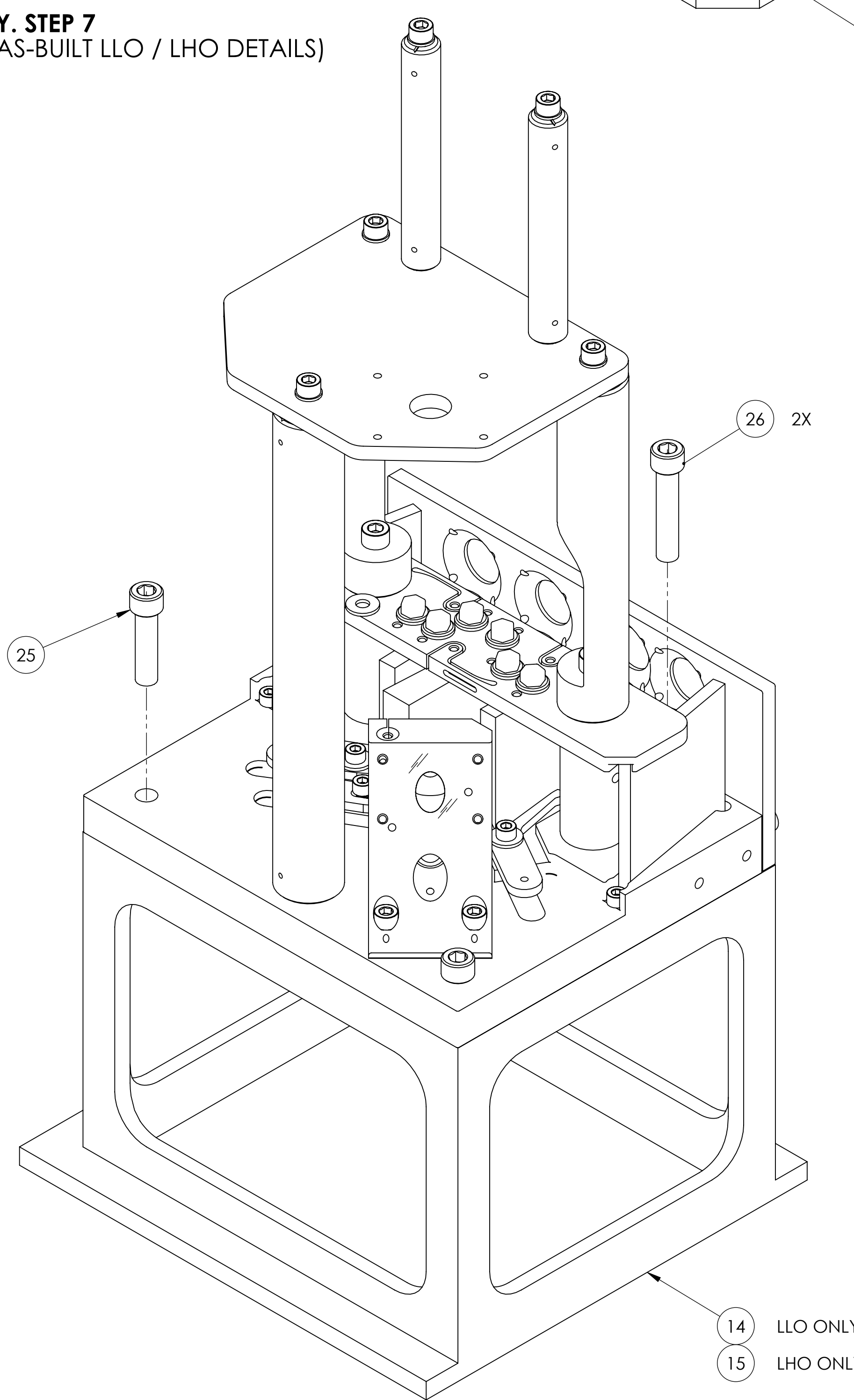
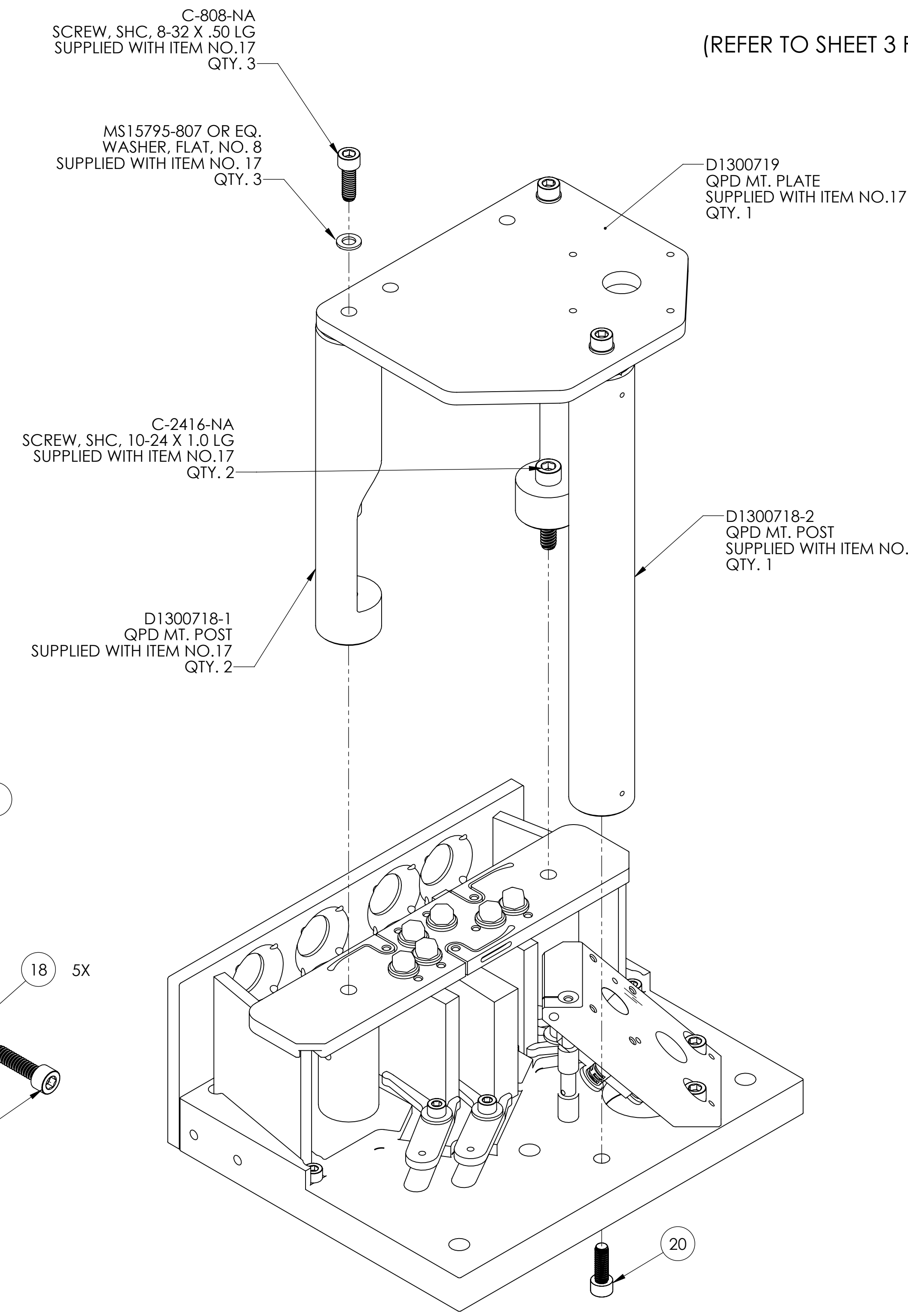
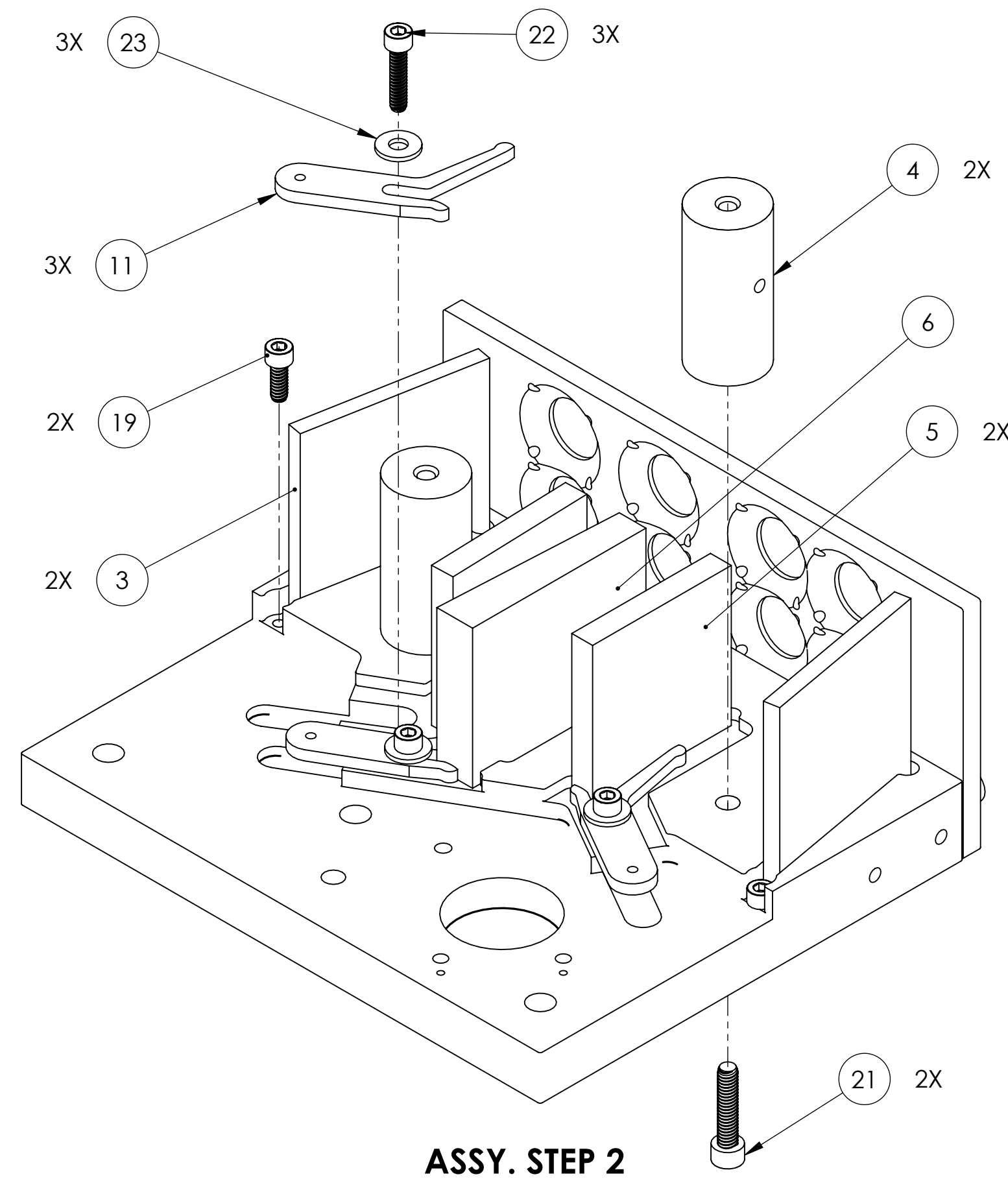
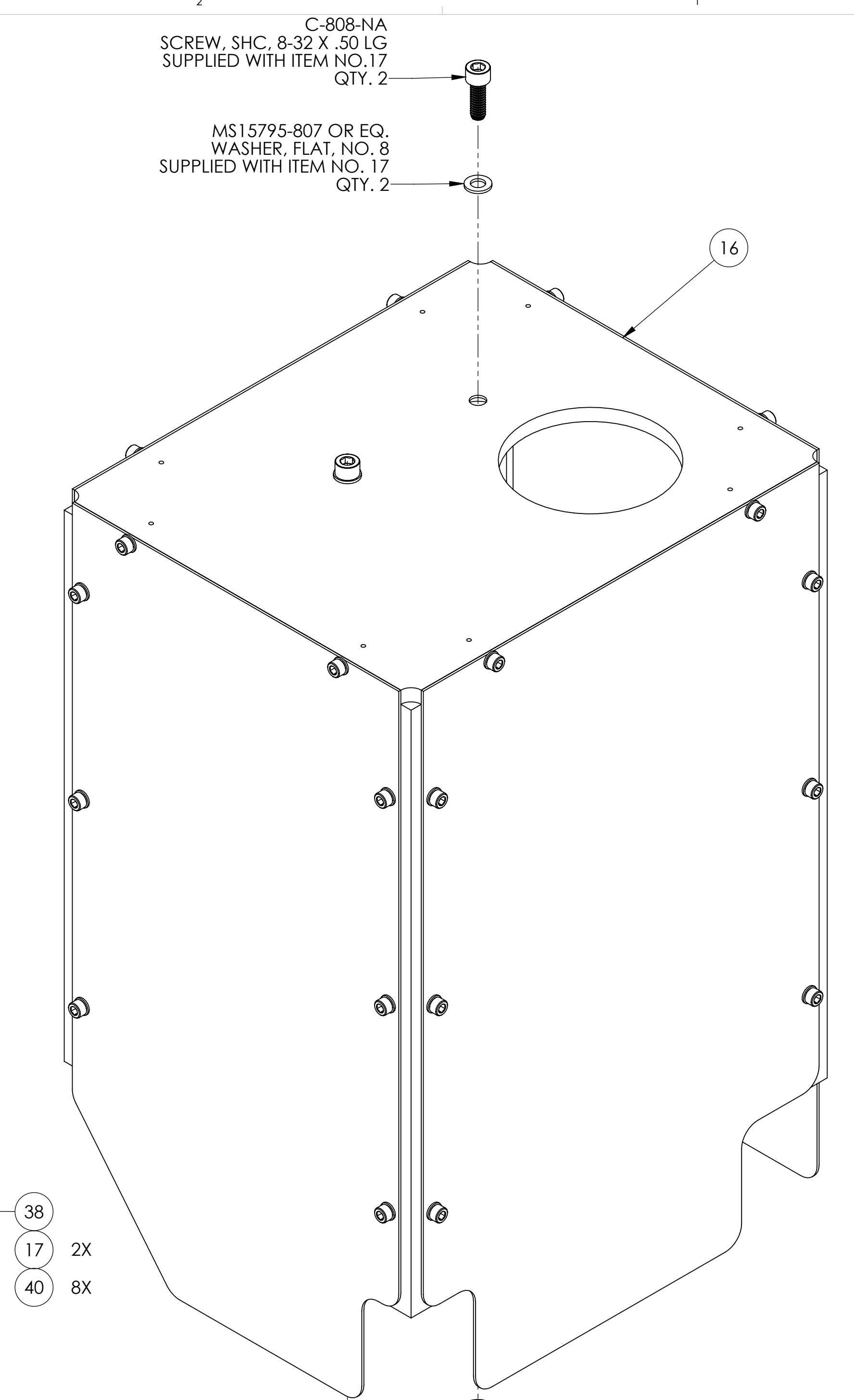
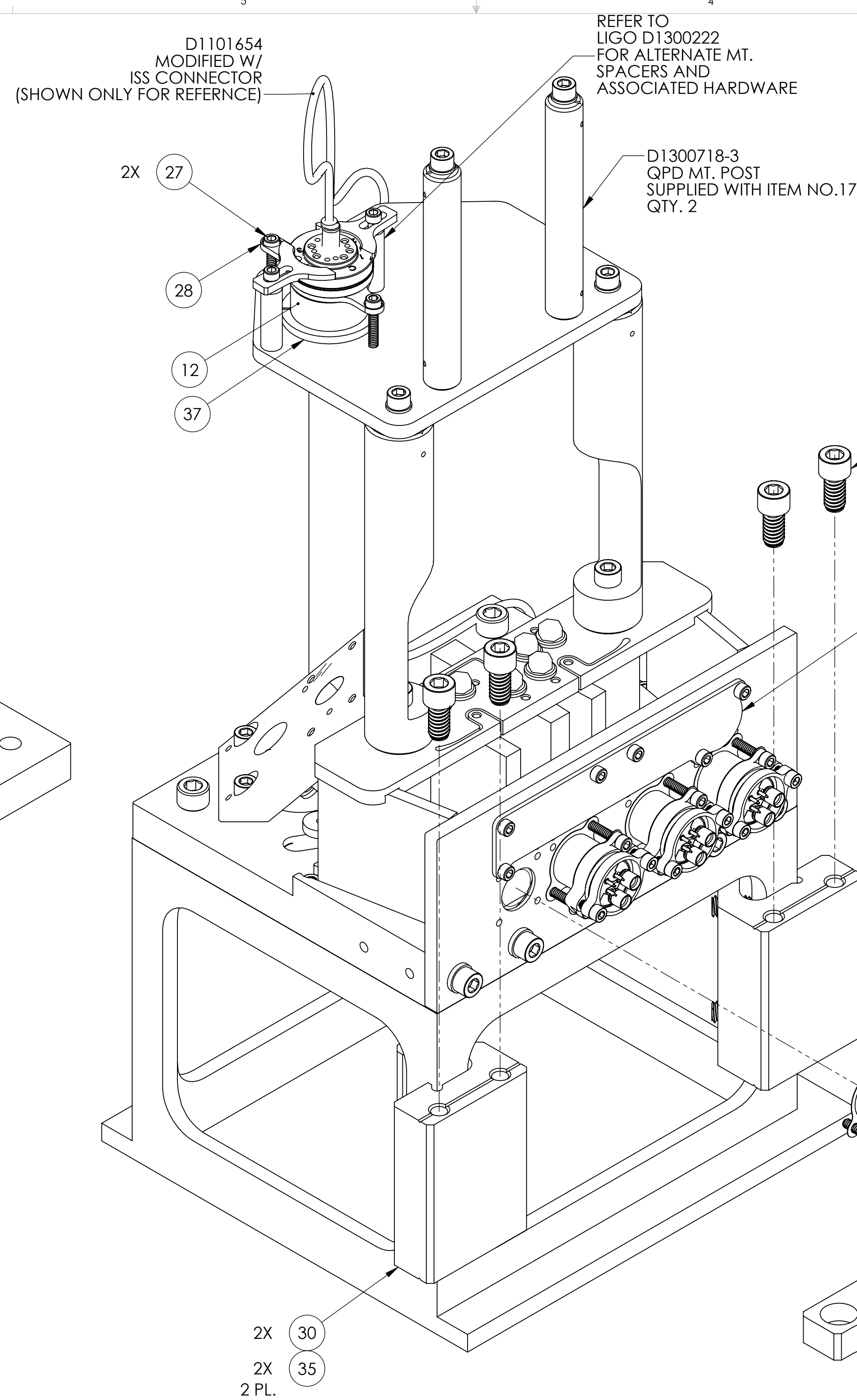
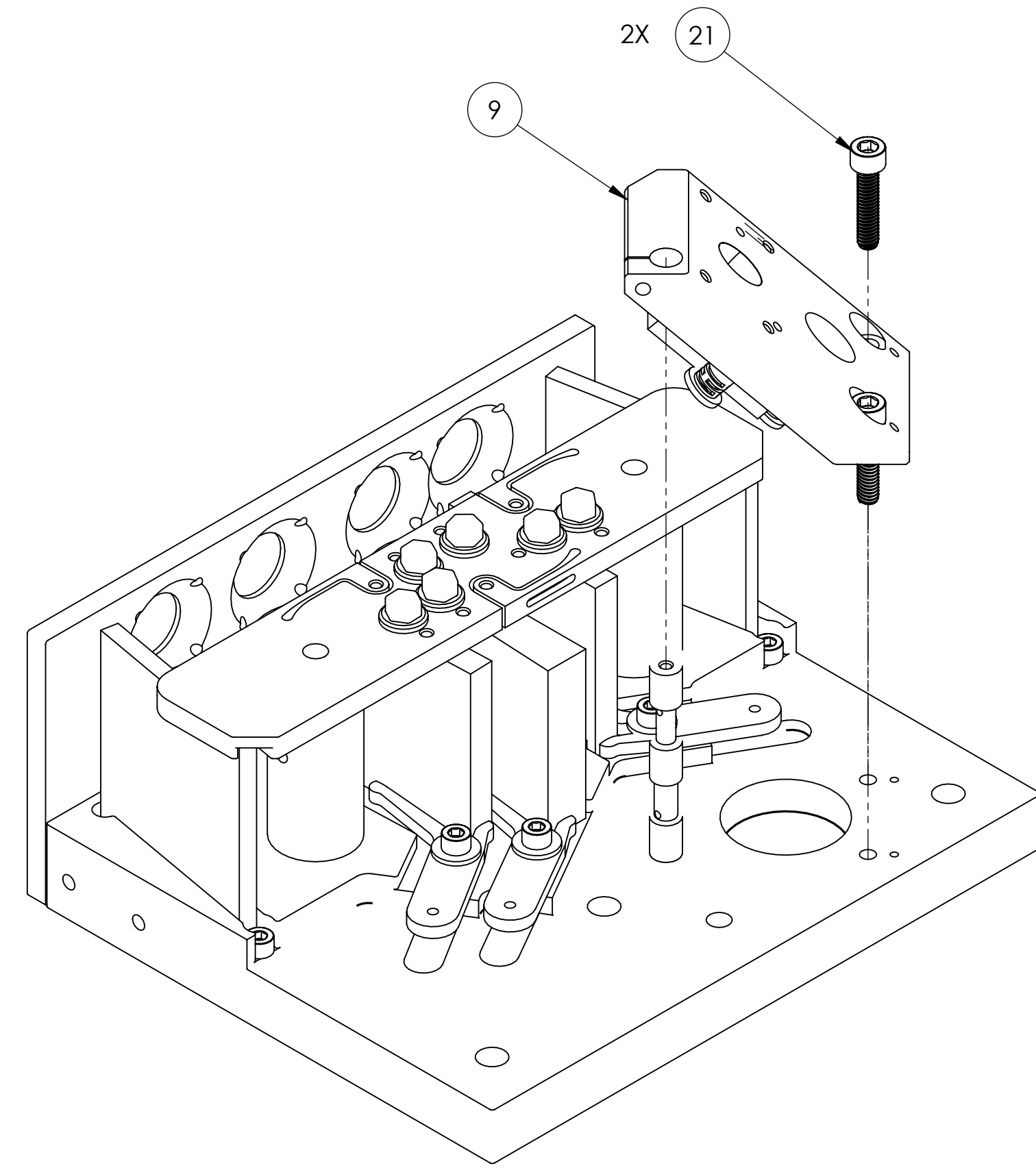
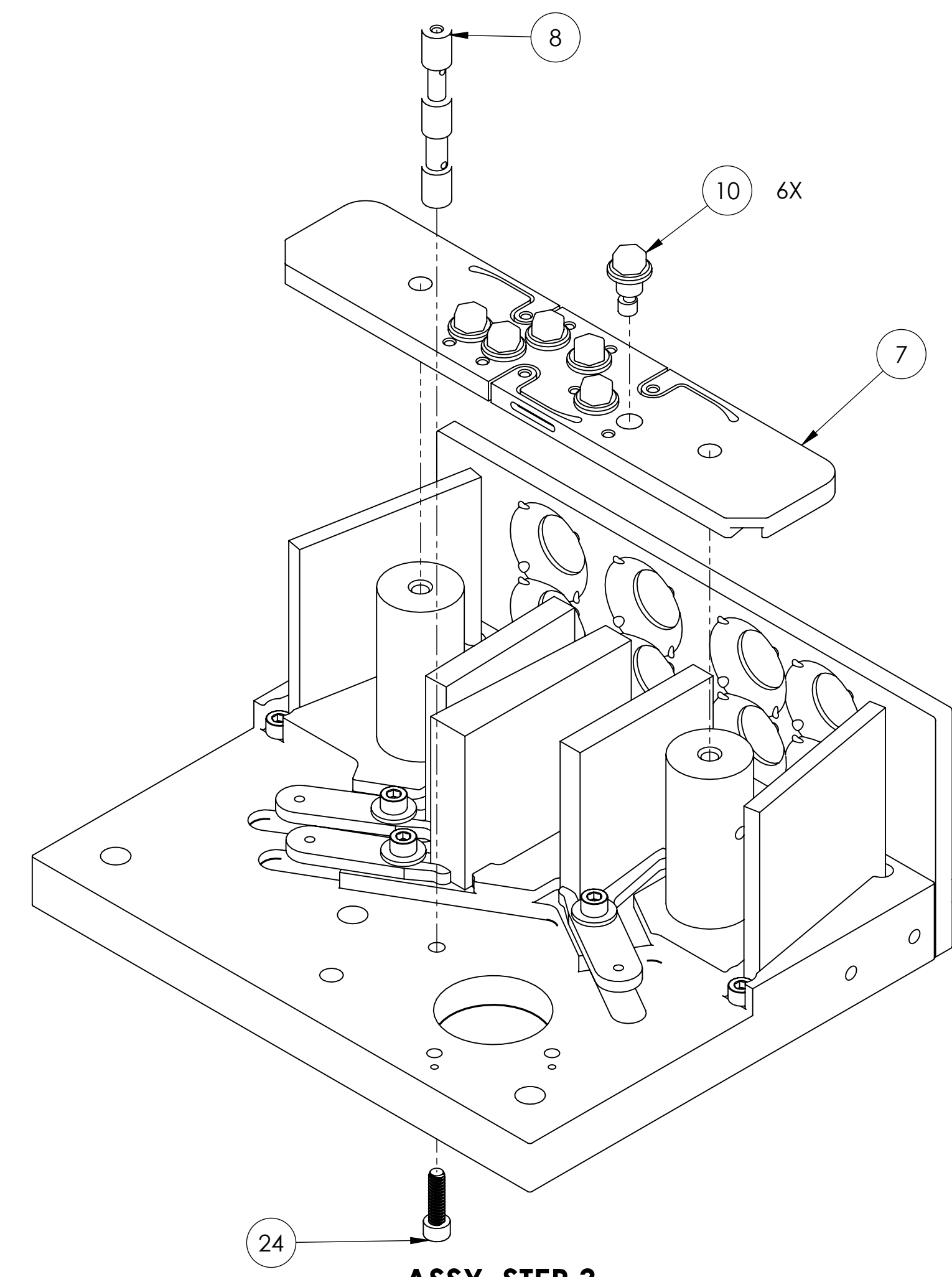
LHO
(SEE SHEET 2 FOR ASSY. DETAILS)

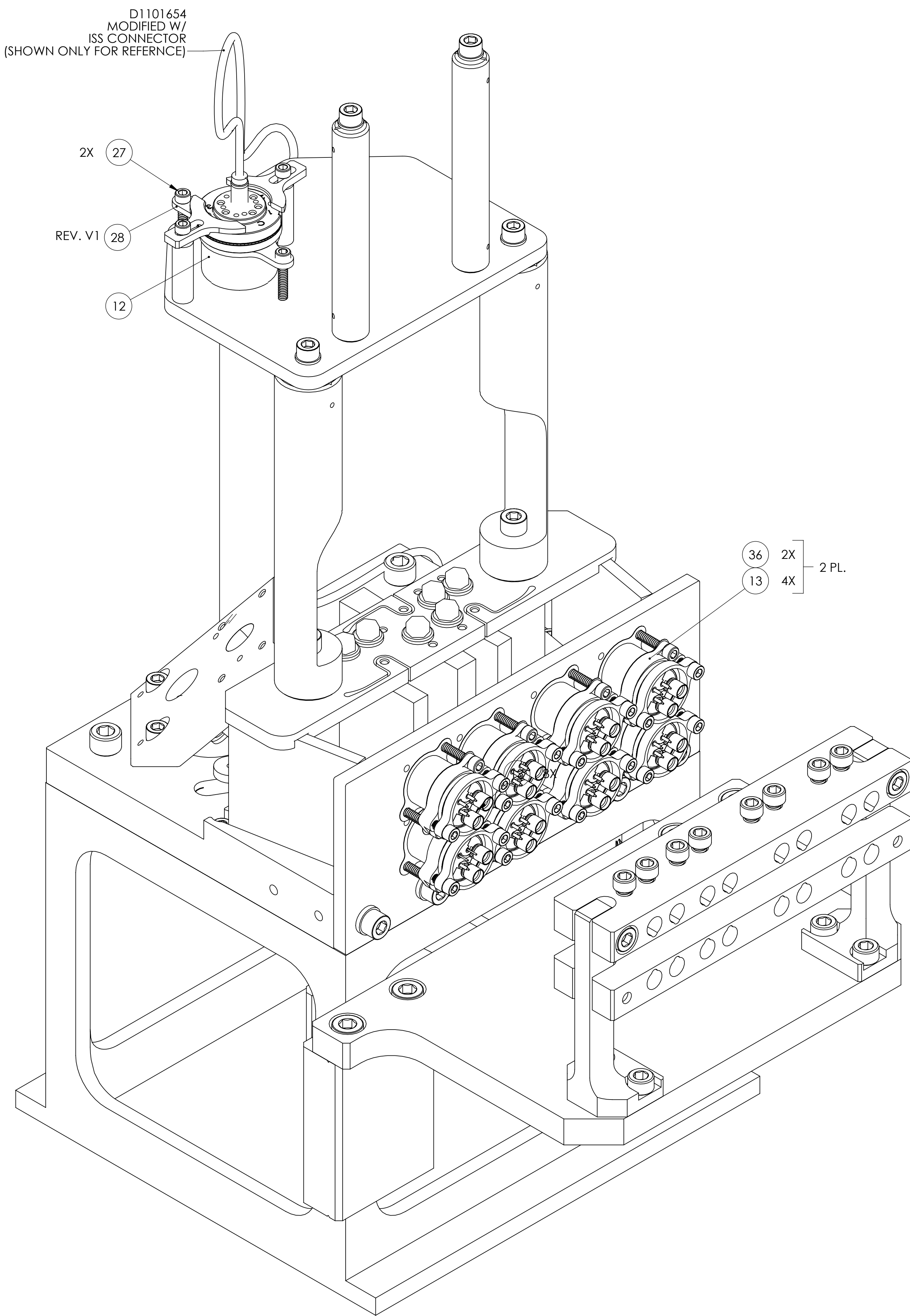


LLO
(SEE SHEET 2 FOR ASSY. DETAILS)

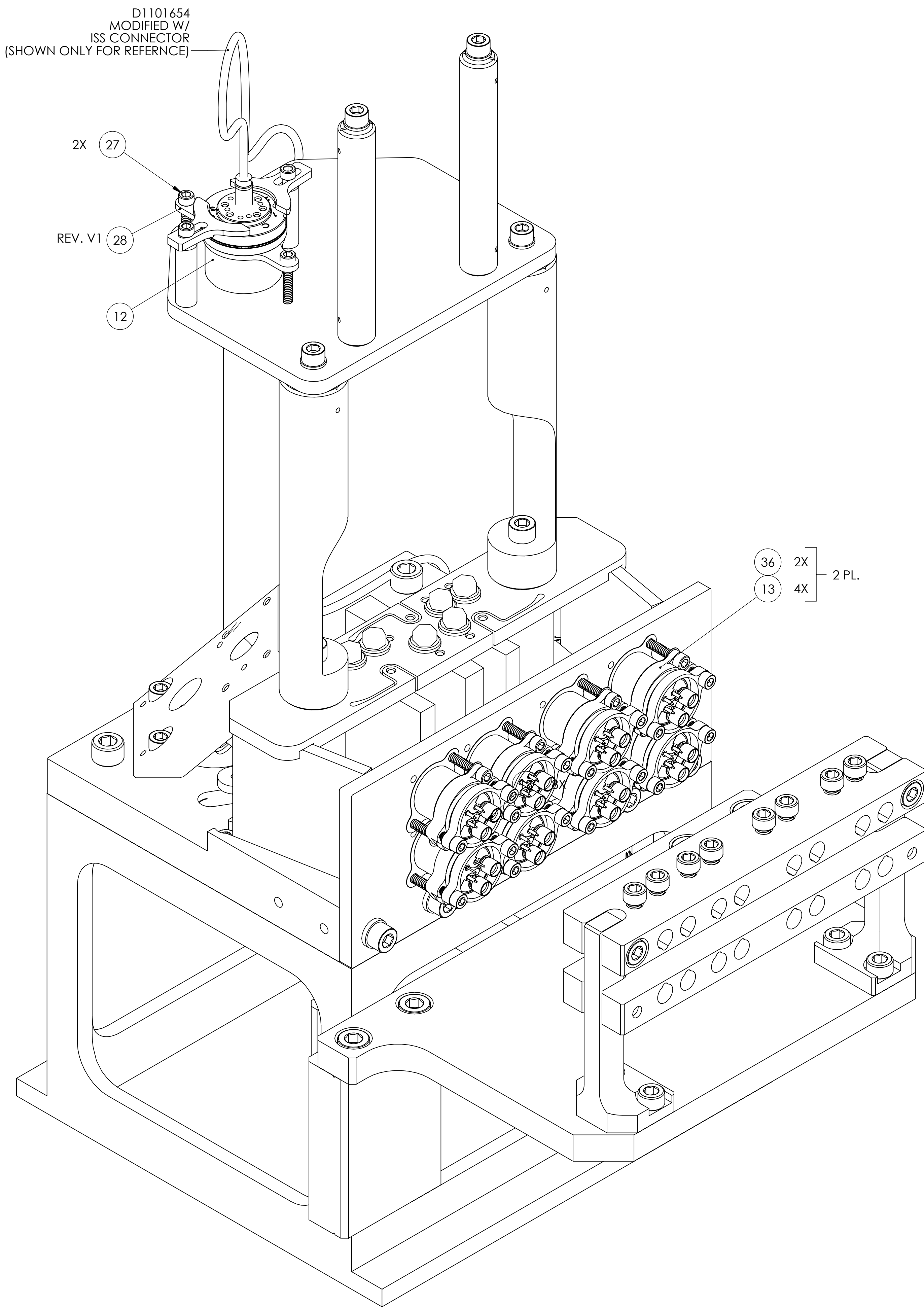
40	D1400337	aLIGO, PSL ISS PD Coax Cable, STRAIN RELIEF CLAMPING SCREW	16	16	16
39	D1400336	aLIGO, PSL ISS PD Coax Cable, STRAIN RELIEF SUPPORT FOOT	2	2	2
38	D1400335	aLIGO, PSL ISS PD Coax Cable, STRAIN RELIEF CLAMP	2	2	2
37	D1400146	aLIGO, PSL ISS PDD, BEVELED C'BORE WASHER	1	-	-
36	92196A112 McMaster-CARR OR EQ.	SCREW, SHC, 4-40 X .63 LG.	8	16	16
35	92778A127 McMaster OR EQ.	SET SCREW, 1/4-20 X .50 LG.	4	4	4
34	MS16995-48 OR EQ.	SCREW, SHC, 1/4-20 X .50 LG.	4	4	4
33	MS16995-36 OR EQ.	SCREW, SHC, 10-24 X .50 LG.	4	4	4
32	MS16995-9 OR EQ.	SCREW, SHC, 4-40 X .25 LG.	6	-	-
31	D1400137	Aligo, IO, PSL ISS PDD, PD HOLE COVER	1	-	-
30	D1400136	Aligo, IO, PSL ISS PDD, SMP TO SMP CABLE CONNECTOR BRACKET CLAMP	2	2	2
29	D1400135	Aligo, IO, PSL ISS PDD, SMP TO SMP CABLE CONNECTOR BRACKET MT. PLATE	1	1	1
28	D1300963	aLIGO, PSL PDD QPD CLAMP PLATE	1	1	1
27	92196A113 McMaster-CARR OR EQ.	SCREW, SHC, 4-40 X .75 LG.	2	2	2
26	C-2020-N UC COMPONENTS OR EQ.	SCREW, SHC, 1/4-20 x 1.25 LG.	2	2	2
25	C-2016-N UC COMPONENTS OR EQ.	SCREW, SHC, 1/4-20 x 1" LG.	2	2	2
24	C-608-N UC COMPONENTS OR EQ.	SCREW, SHC, 6-32 X .50 LG.	1	1	1
23	MS15795-806 OR EQ.	WASHER, FLAT, NO. 6	3	3	3
22	C-610-N UC COMPONENTS OR EQ.	SCREW, SC, 6-32 X .63 LG.	3	3	3
21	C-812-N UC COMPONENTS OR EQ.	SCREW, SHC, 8-32 X .75 LG.	4	4	4
20	C-808-NA UC COMPONENTS OR EQ.	SCREW, SHC, 8-32 X .50 LG., Ag PLATED	1	1	1
19	C-606-N UC COMPONENTS OR EQ.	SCREW, SHC, 6-32 X .38 LG.	2	2	2
18	NAS620-C0 OR EQ.	WASHER, FLAT, NO. 10	5	5	5
17	C-2412-N UC COMPONENTS OR EQ.	SCREW, SHF, 10-24 X .75 LG.	9	9	9
16	D1300720	aLIGO, IO, PSL PD ARRAY, EXTENDED QPD COVER INTERFACE ASSY.	1	1	1
15	D1101074	PSL ISS PD H1 BASE	1	-	1
14	D1101073	PSL ISS PD L1 BASE	1	1	-
13	D1300130	aLIGO, PSL ISS PDD, ASSY. MODULE	4	8	8
12	D1400139	aLIGO, PSL ISS PDD, QPD ASSEMBLY	1	1	1
11	D1300330	aLIGO, PSL ISS PDD, SPRING CLAMP	3	3	3
10	D1400141	aLIGO, PSL ISS PDD, ADJUSTING CAM	6	6	6
9	D1400140	aLIGO, PSL PDD ELEVATOR ASSY.	1	1	1
8	D1400143	aLIGO, PSL ISS PDD, ELEVATOR POST	1	1	1
7	D1300324	aLIGO, PSL ISS PDD, CLAMP BAR	1	1	1
6	-	aLIGO, PSL ISS PDD, PERISCOPE BEAMSPLITTER	1	1	1
5	-	aLIGO, PSL PDD MIRROR	2	2	2
4	D1400144	aLIGO, PSL ISS PDD, CLAMP POST	2	2	2
3	-	aLIGO, PSL PDD FILTER	2	2	2
2	D1300322	aLIGO, PSL ISS PDD, ARRAY PLATE	1	1	1
1	D1300323	aLIGO, PSL ISS PDD, BASE PLATE	1	1	1
ITEM NO.	PART NUMBER	DESCRIPTION	DESIGN CONFIG. QTY.	LLO VERSION (AS-BUILT) QTY.	LHO VERSION (AS-BUILT) QTY.

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)			PARTS LIST		PART NAME	
			LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		aLIGO, IO, PSL ISS PD ASSEMBLY.	
			SYSTEM	SUB-SYSTEM	DESIGNER	SIZE DWG. NO.
			ADVANCED LIGO	IO	E.SANCHEZ	01 OCT 2013
			NEXT ASSY	D1101410, D1200697	CHECKER	SEE DCC
					APPROVAL	SEE DCC
						SCALE: 1:1
						PROJECTION:
						SHEET 1 OF 3





ASSY. STEP 7
(LHO AS-BUILT CONFIG.)



ASSY. STEP 7
(LLO AS-BUILT CONFIG.)