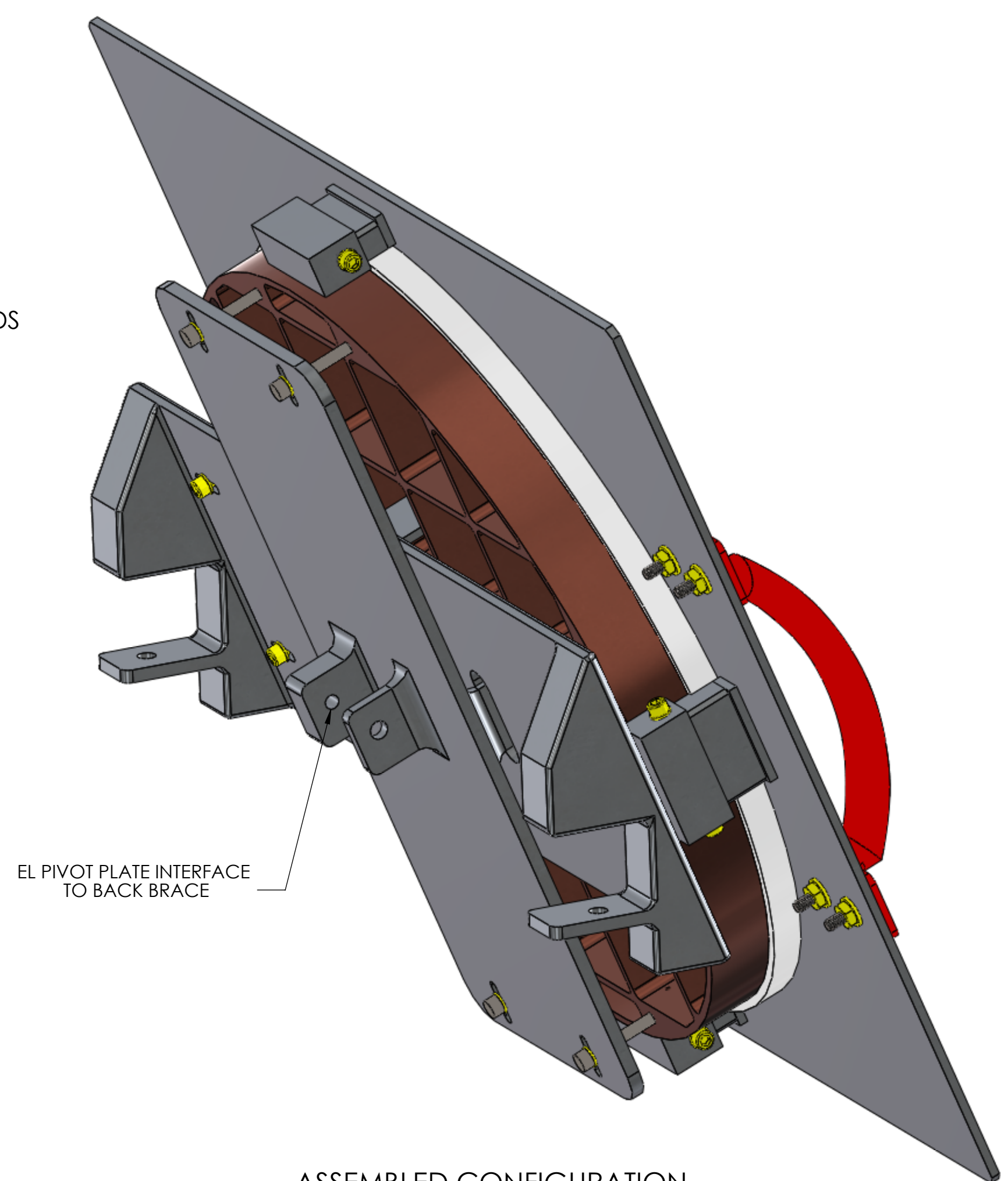
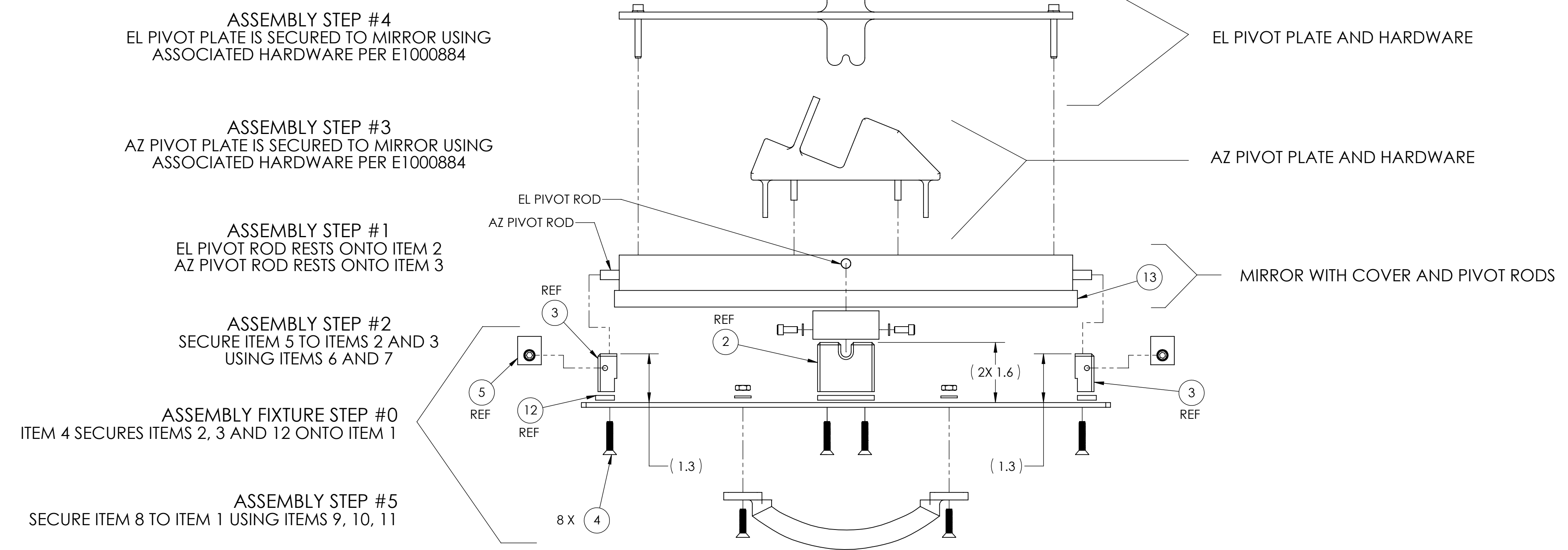
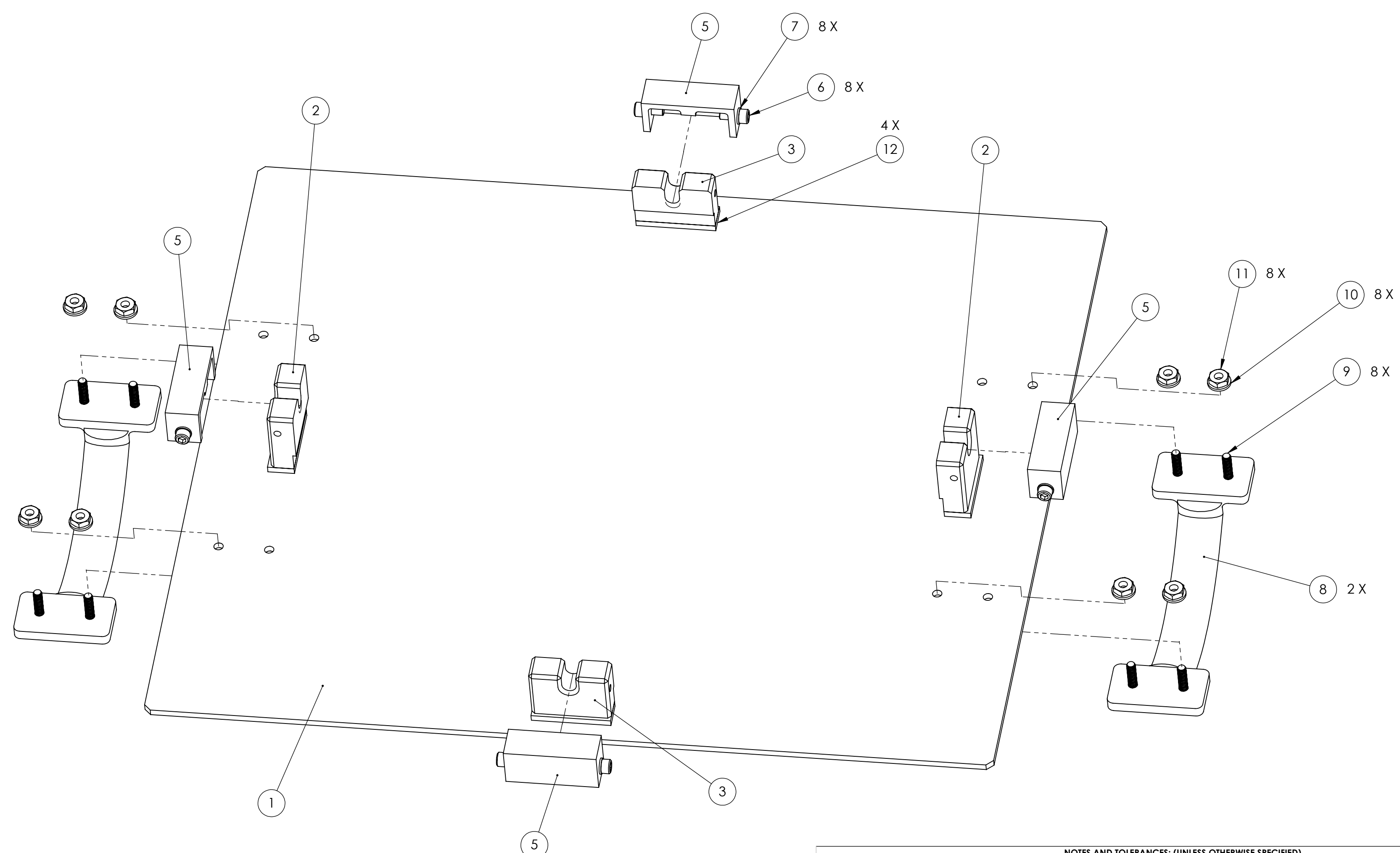


REV.	DATE	DCN #	DRAWING TREE #
v2	16 FEB 2011	E1000883-v2	E1000884-v2
v3	29 SEPT 2011	E1100956-v1	E1000884-v5



ASSEMBLED CONFIGURATION FOR PLACING MIRROR ASSEMBLY WITHIN PARENT ASSEMBY, EITHER D1001742 OR D1002431



ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	Default/REQ	SPARE	TOTAL
13	D1101272	TCS H2 UHV MIRROR SPLASH COVER	TEFLON PFA TYPE 450	1		1
12	D1101866	SHIM, .125 IN THICK	6061 Alloy	4		0
11	N-832	HEX NUT, #8-32	18-8 SSTL, UC COMPONENTS	8	2	10
10	96659A103	WASHER, FLAT, #8 (MS 15795 OR EQUIVALENT)	18-8 SSTL, MCMMASTER	8	2	10
9	FA-812-N	FHSCS 8-32 x 3/4 LONG	18-8 SSTL, UC COMPONENTS	8	2	10
8	32845752	DOOR PULL, 6.5 IN X 1.75 IN, MSC	Zn PLATED SSTL	2		2
7	WF-08	WASHER, FLAT, #8 (NAS 620-C8 OR EQUIVALENT)	18-8 SSTL, UC COMPONENTS	8	2	10
6	C-806-N	SCREW, SOCKET HEAD CAP, #8-32 UNC-2A X 0.375 LONG, FULLY THREADED	18-8 SSTL, UC COMPONENTS	8	2	10
5	D1100285	ALIGO TCS FIXTURE RETAINER	6061 Alloy	4		4
4	FA-808-N	FHSCS 8-32 x 1/2 LONG	18-8 SSTL, UC COMPONENTS	8	2	10
3	D1100267	ALIGO TCS FIXTURE SHORT SUPPORT GUSSET	6061 Alloy	2		2
2	D1100266	ALIGO TCS FIXTURE TALL SUPPORT GUSSET	6061 Alloy	2		2
1	D1100265	ALIGO TCS FIXTURE BASE PLATE, H2 UHV STEERING MIRROR ASSEMBLY	6061 Alloy	1		1

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	
1. INTERPRET DRAWING PER ASME Y14.5-1994.	
2. REMOVE ALL SHARP EDGES, .005-.015, FOR MACHINED PARTS. ROUND ALL EDGES APPROXIMATELY R.02 FOR SHEET METAL PARTS.	
3. DO NOT SCALE FROM DRAWING.	
4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.	
MATERIAL	N/A
FINISH	N/A μinch
ANGULAR ±	1.0°
TOLERANCES:	.XX ± .01 .XXX ± .005
DIMENSIONS ARE IN INCHES	

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
ADVANCED LIGO		ALIGO TCS FIXTURE, H2 UHV MIRROR ASSEMBLY	
DESIGNER	M. JACOBSON	DATE	10 FEB 2011
DRAFTER	M. JACOBSON	DATE	11 FEB 2011
CHECKER	J. LEWIS	DATE	15 FEB 2011
APPROVAL	P. WILLEMS	DATE	16 FEB 2011
SYSTEM	AOS	SIZE	D
NEXT ASSY	D1001742, D1002431	DWG. NO.	D1100263
SCALE	1:2	PROJECTION	
REVISION	v3	SHEET	1 OF 1

D1100263_ALIGO TCS FIXTURE, H2 UHV STEERING MIRROR ASSY, PART PDM REV. X-862, DRAWING PDM REV. X-013