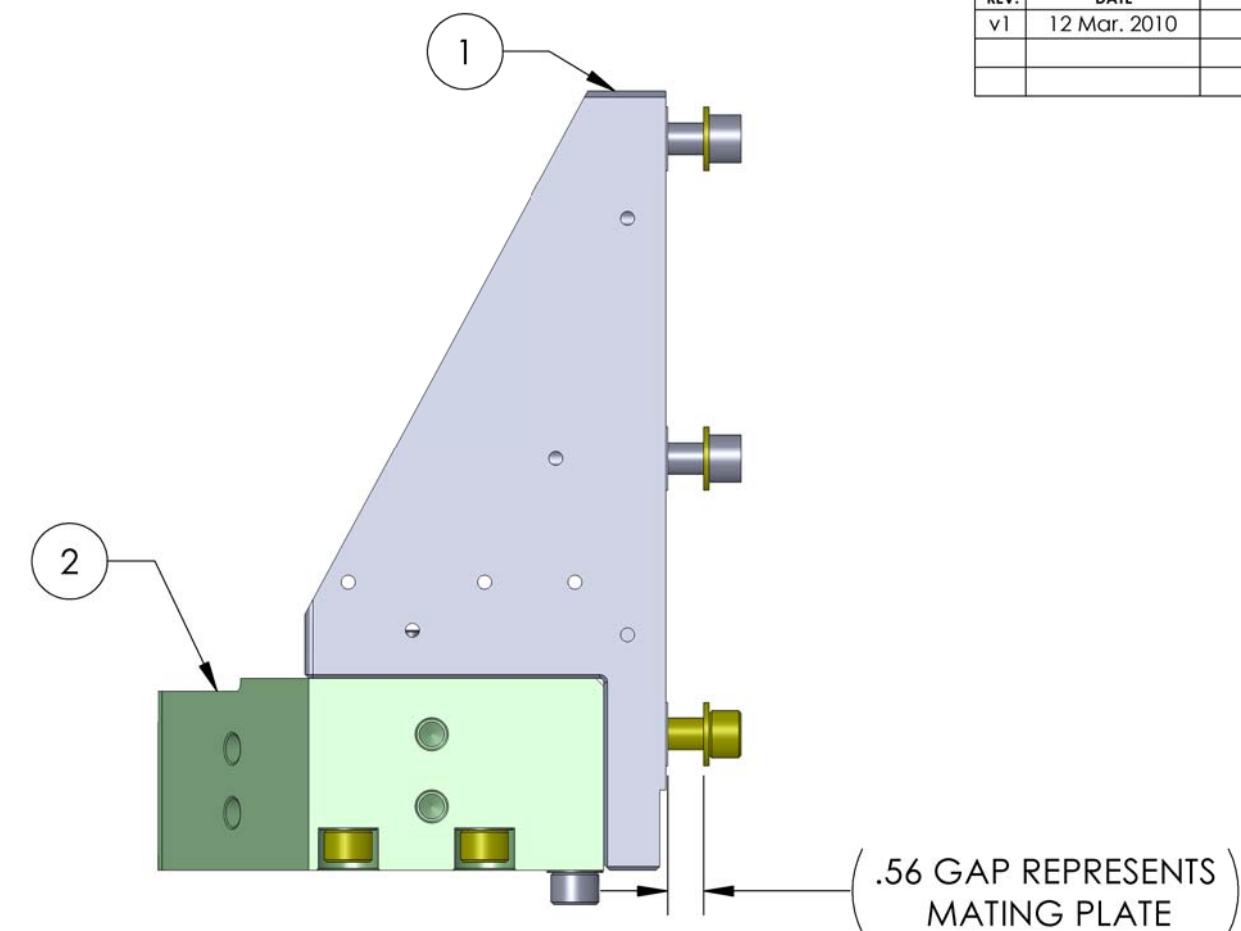
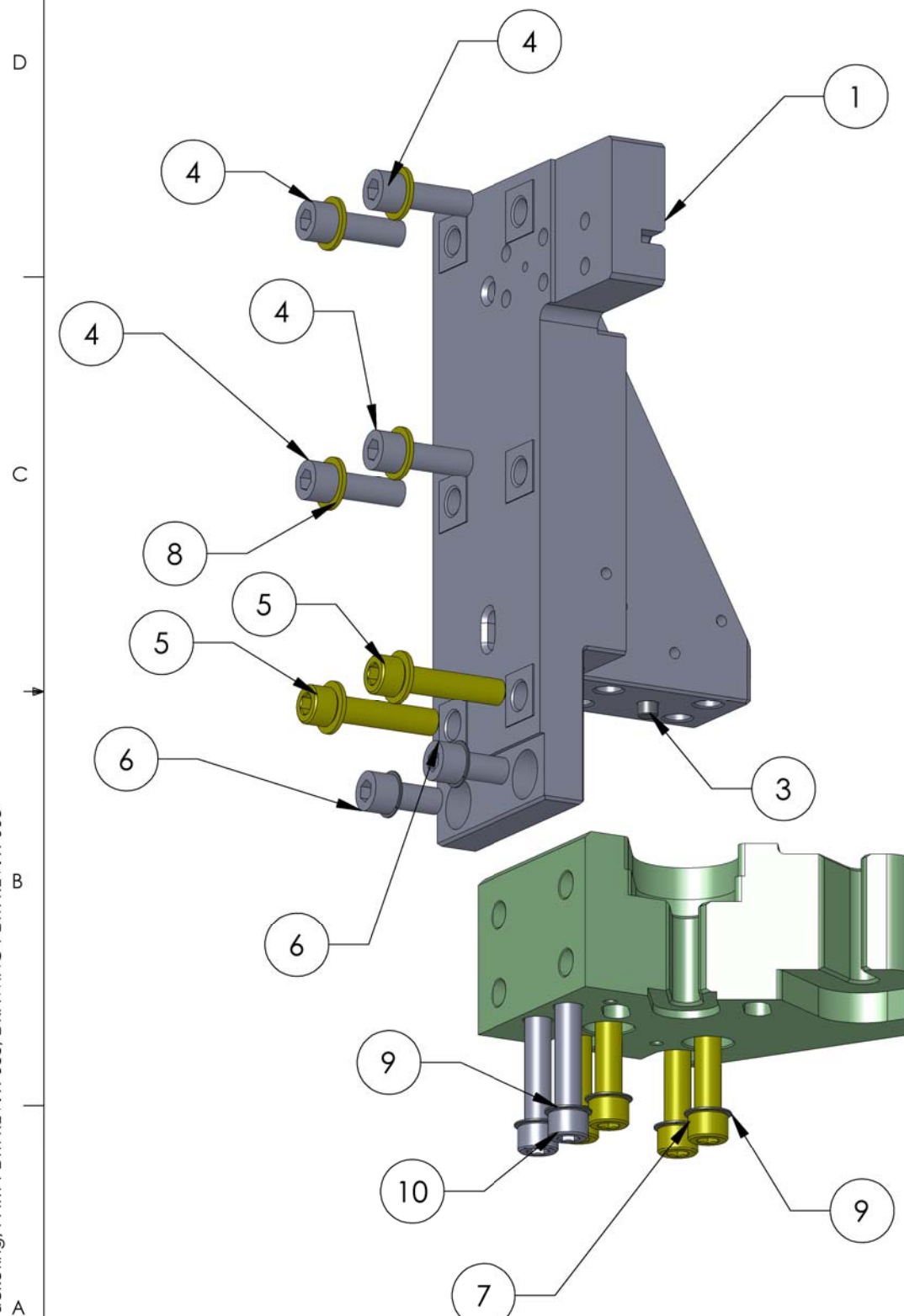


D0902425 Flexure Rod Bracketing, PART PDM REV: X-033, DRAWING PDM REV: X-003

**NOTES CONTINUED:**  
 5. VENDOR REFERENCES ARE PROVIDED AS EXAMPLES OF PARTS MEETING ALL REQUIRED SPECIFICATIONS. EQUIVALENTS ARE ALWAYS ACCEPTABLE UNLESS OTHERWISE SPECIFIED.  
 6. REFER TO LIGO E0900357 FOR ASSEMBLY AND LOADING PROCEDURE.

REV.	DATE	DCN #	DRAWING TREE #
v1	12 Mar. 2010	E0900495	E1000025



10	McMASTER_92196A728	SCREW SHCS 1/2-13 X 4" LG 1.5"-FULL THD	18-8 SSSL	2
9	UC_COMPONENTS_WFV-50	Vented Washer, .515 ID X .87 OD X .032 THK #1/2"	18-8 SS	8
8	McMASTER_92217A540	WASHER, FLAT, .53 ID X 1" OD X .05-.12 THK	18-8 SSSL	6
7	McMASTER_92196A725	SCREW SHCS 1/2-13 X 3.25 LG, 1.5" MIN TO FULLY THREADED	18-8 SSSL	4
6	HOLOKROME_78112	SHCS, 1/2-13 x 1.0"	300 SSSL	2
5	McMaster_92196A721	Screw 1/2-13 x 2.25 lg. SHCS	18-8 SSSL	2
4	HOLOKROME_78116	SHCS, 1/2-13 x 1.5"	300 SSSL	4
3	McMASTER_90145A624	Pin 3/8" (.3751) x 1.0 L	18-8 SS	1
2	D0902276	STAGE 1 FLEXURE ROD BRACKET	AISI 304	1
1	D0902277	FLEXURE ROD GUSSET, STAGE 1, aLIGO BSC ISI	6061-T6 Al	1
ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	REQ

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO		CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
DIMENSIONS ARE IN INCHES				ADVANCED LIGO		SUB-SYSTEM		FLEXURE ROD BRACKET ASSY, STAGE 1, aLIGO BSC ISI	
TOLERANCES: .XX ± N/A .XXX ± N/A				NEXT ASSY		D0901180		DESIGNER	
ANGULAR ± N/A*				FINISH		N/A μinch		DRAFTER	
1. INTERPRET DRAWING PER ASME Y14.5-1994.				MATERIAL		N/A		CHECKER	
2. REMOVE ALL SHARP EDGES, R.02 MIN.				APPROVAL		K.MASON		APPROVAL	
3. DO NOT SCALE FROM DRAWING.				SCALE		1:3		DWG. NO.	
4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.				PROJECTION		FIRST ANGLE		D0902425	
								REV.	
								v1	
								SHEET 1 OF 1	