

D1003143 BALLAST MASS ASSEMBLY, αLIGO BSC-ISI, PART PDM REV: X-002, DRAWING PDM REV: X-002

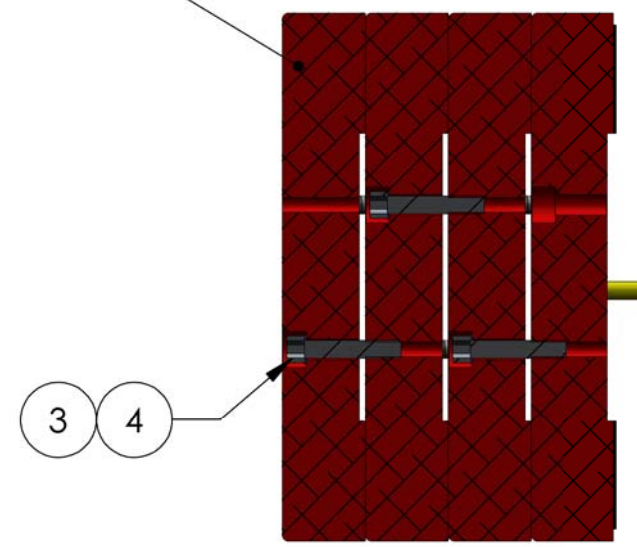
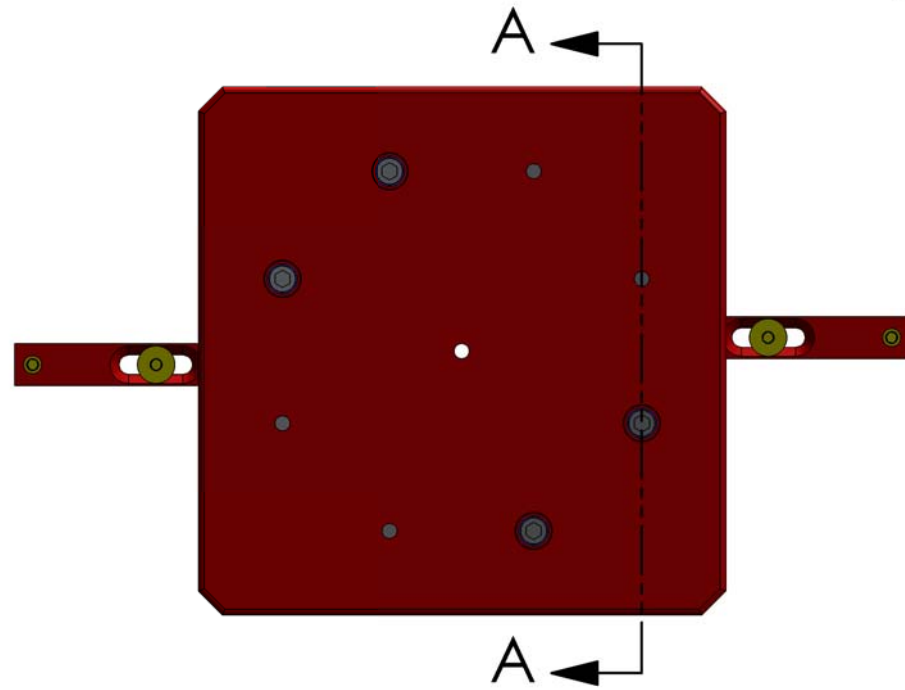
8 7 6 5 4 3 2 1

REV.	DATE	DCN #	DRAWING TREE #
v1	30 Nov. 2010	E1000758	E1000025

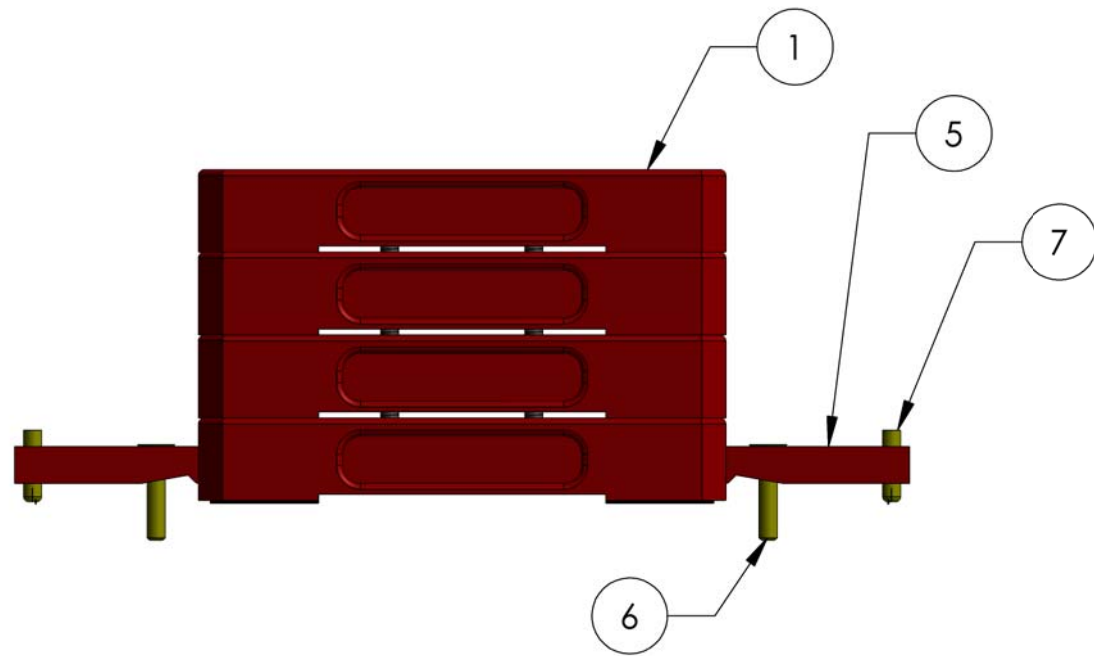
**NOTES:**

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

STACK, ROTATE TO POSITION THEN BOLT 4X



SECTION A-A



7	92765A512	OVAL POINT SET SCREW 3/8-16 X 1 1/2 LG	18-8 SSTL	2
6	91771A632	3/8-16 X 2" LG FLAT HEAD SCREW	18-8 SSTL	2
5	MSC_88364898	CLAMP	304 SSTL	2
4	HOLOKROME_78106	SHCS 3/8-16x2"	18-8 SS	12
3	UC_COMPONENTS_WFV-38	Washer Vented, .39 ID X .63 OD X .032 THK #3/8"	18-8 SS	12
2	D1003144	BALLAST MASS DAMP PAD, αLIGO BSC-ISI	FLUOROELASTOMER	4
1	D1003136	BALLAST MASS, αLIGO BSC-ISI	304, 316 OR 302 SSTL	4
ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	REQ

**PARTS LIST**

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				PART NAME			
DIMENSIONS ARE IN N/A		1. INTERPRET DRAWING PER ASME Y14.5-1994.		LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		BALLAST MASS ASSEMBLY, αLIGO BSC-ISI	
TOLERANCES: .XX ± N/A .XXX ± N/A		2. REMOVE ALL SHARP EDGES, .03 x 45°.		SYSTEM	ADVANCED LIGO	SUB-SYSTEM	SEI
ANGULAR ± N/A*		3. DO NOT SCALE FROM DRAWING.		DESIGNER	M.HILLARD	30 Nov. 2010	SIZE
		MATERIAL	N/A	DRAFTER	M.HILLARD	30 Nov. 2010	DWG. NO.
		FINISH	N/A μinch	CHECKER	F.MATICHARD	30 Nov. 2010	D1003143
		NEXT ASSY		APPROVAL	K.MASON	30 Nov. 2010	REV.
				SCALE: 1:4		PROJECTION:	v1
				SHEET 1 OF 1			

8 7 6 5 4 3 2 1