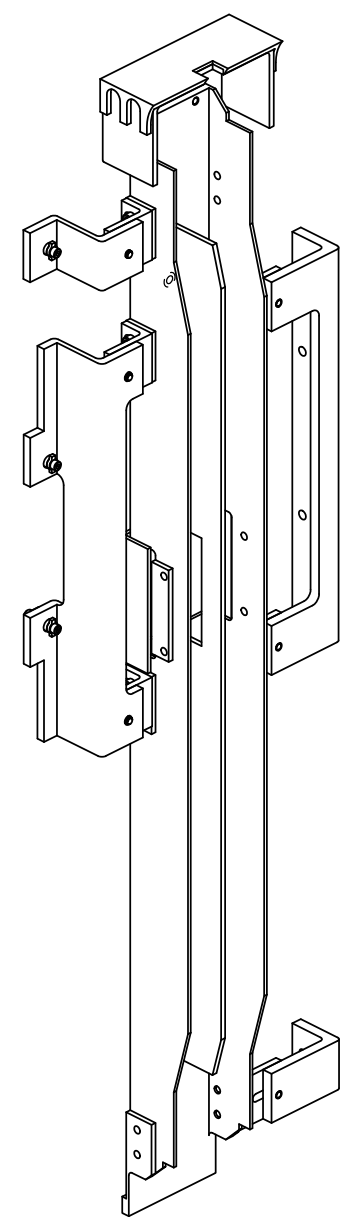


D1102307 aLIGO SUS, INTERNAL FIBER GUARD ASSY RIGHT, PART PDM REV: X-011, DRAWING PDM REV: X-003

REV.	DATE	DCN #	DRAWING TREE #
v1	07 Feb 2012	E1200180	E1200181
v2	08 Feb 2012	E1200180	E1200181



14	UC COMPONENTS_N-2520-A	HEX NUT, 1/4-20 THRD SIZE	Ag-PLATED 300 SSSL	3
13	D1000199	VMD SECURING PIN ASSY	N/A	3
12	ACCURATE SCREW_116054 .62 SS 1	SCREW, PANEL, LOW PROFILE SHCS , 8-32x 5/8	18-8 SSSL	6
11	UC COMPONENTS_C-805-N	SCREW SHCS, 8-32 X 5/16 LG.	18-8 SSSL	26
10	D1102271	aLIGO SUS, FIBER GUARD WINDOW COVER	6061-T6 Al	1
9	D1102285	aLIGO SUS, REPLACEMENT ANGLE SECTION 4	6061-T6 Al	6
8	D1001660	aLIGO SUS, FIBRE GUARD TOP CAP	6061-T6 Al	1
7	D0902508	aLIGO SUS, FIBRE GUARD SEPERATOR	6061-T6 Al	1
6	D0902507	aLIGO SUS, FIBRE GUARD MAIN BODY	6061-T6 Al	1
5	D1102152	aLIGO SUS, FIBRE GUARD PTFE AWNING	PTFE (general)	1
4	D0902519	aLIGO SUS, ANGLE SECTION 11	6061-T6 Al	1
3	D0902518	aLIGO SUS, ANGLE SECTION 10	6061-T6 Al	1
2	D0902517	aLIGO SUS, ANGLE SECTION 9	6061-T6 Al	1
1	D0902516	aLIGO SUS, ANGLE SECTION 8	6061-T6 Al	1

NOTES:
 1. USE GUIDE ROD D1001830 AS NEEDED FOR ASSEMBLY TO FRAME.
 2. ASSEMBLY USES THE SAME PARTS AS D1102307 EXCEPT ASSEMBLED AS A MIRROR.

ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	REQ
NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				
DIMENSIONS ARE IN INCHES [MM]		1. INTERPRET DRAWING PER ASME Y14.5-1994.		
TOLERANCES: .XX ± N/A .XXX ± N/A		2. REMOVE ALL SHARP EDGES, .03 x 45°.		
ANGULAR ± N/A*		3. DO NOT SCALE FROM DRAWING.		
MATERIAL		FINISH	NEXT ASSY	
N/A		N/A μinch	D1102181, D1102182	
CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME		
SYSTEM ADVANCED LIGO		SUB-SYSTEM		
		DESIGNER L. CUNNINGHAM 28 June 2010 DRAFTER M. HILLARD 07 Feb 2012		SIZE DWG. NO.
		CHECKER J. ROMIE 07 Feb 2012 APPROVAL C. TORRIE 07 Feb 2012		B D1102307
		SCALE: 1:4		PROJECTION: SHEET 1 OF 2

