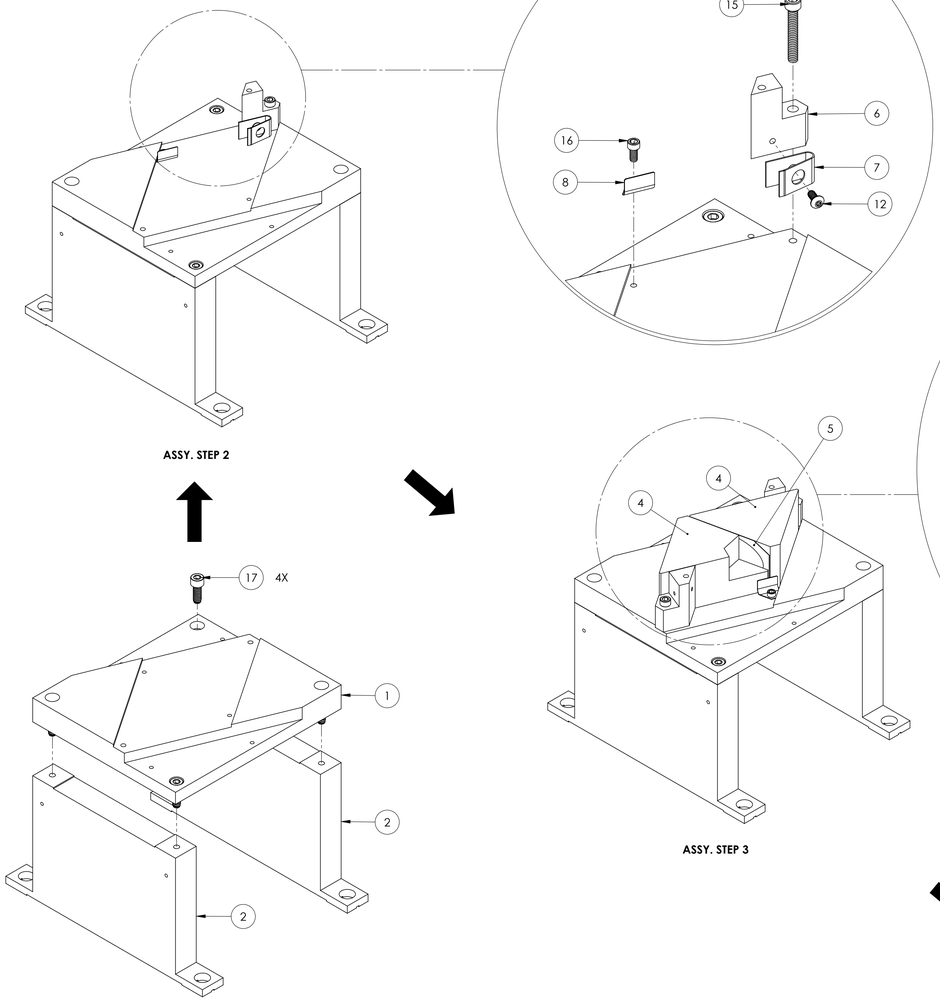
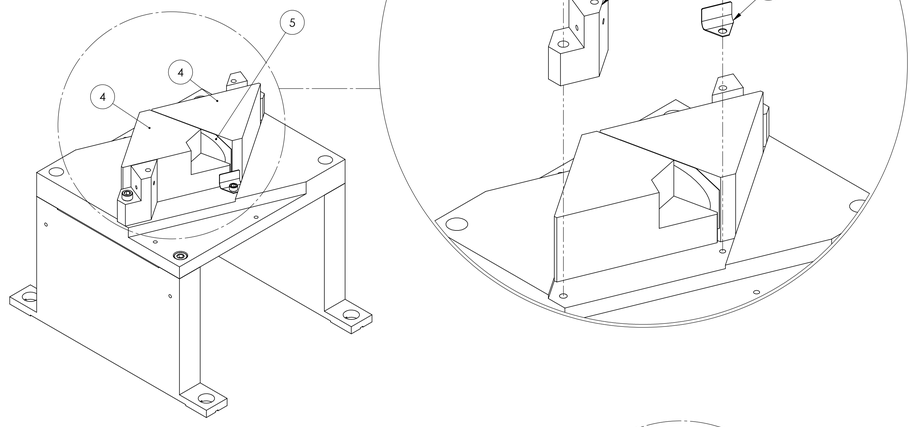
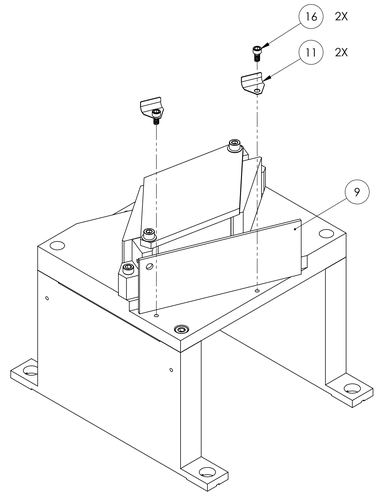
REV.	DATE	DCN #	DRAWING TREE #
v1	8 OCT 2010	E1000563	-
v4	03 OCT 2012	E1000563	-
-	-	-	-



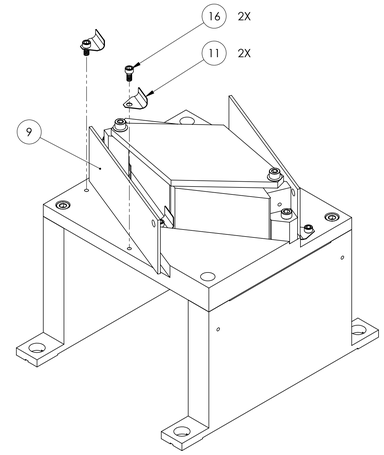
ASSY. STEP 2



ASSY. STEP 3

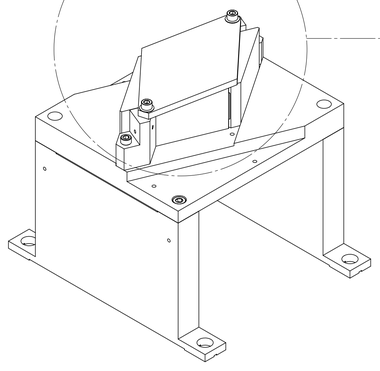


ASSY. STEP 5

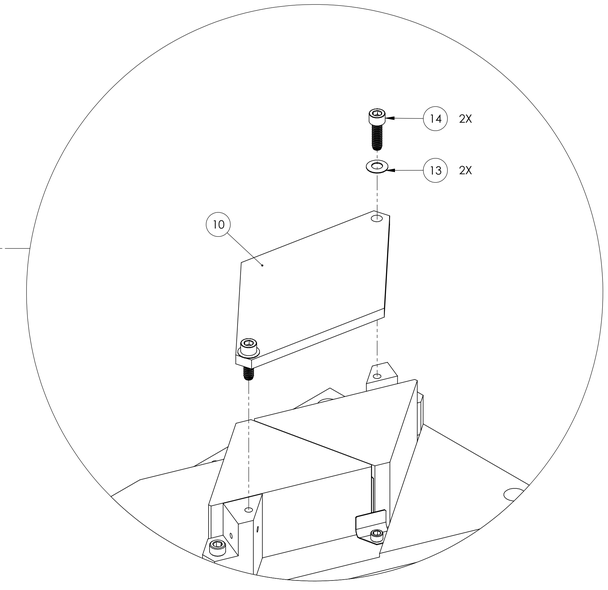


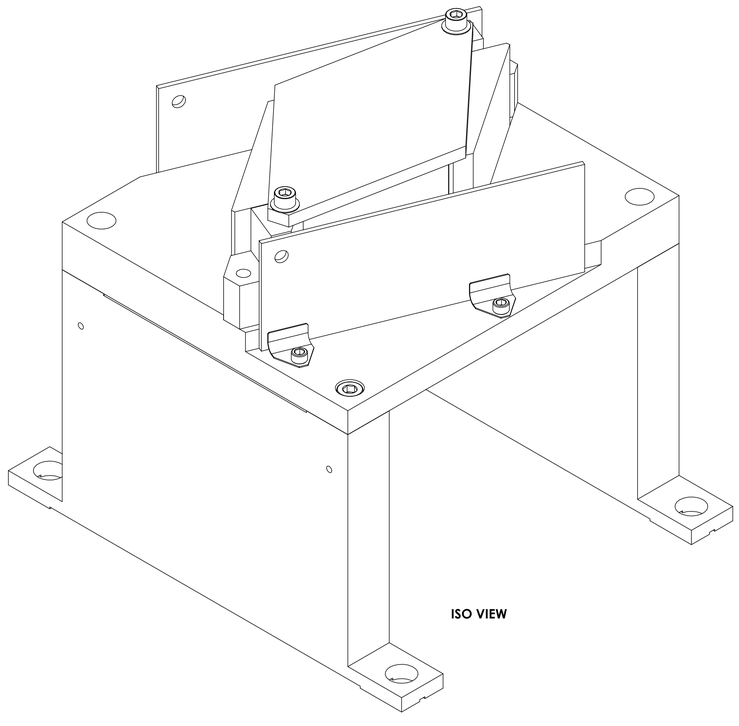
ASSY. STEP 6

ASSY. STEP 1



ASSY. STEP 4





ISO VIEW

ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	QTY.
17	C-606-N	Head Cap Screw 300 Series SS, 6-32 Thrd, 3/8" Length, MS 16995-17	300 SSTL	4
16	92200A076	Head Cap Screw 300 Series SS, 2-56 Thrd, 3/16" Length, MS 16995-1	300 SSTL	6
15	C-412-N	Head Cap Screw 300 Series SS, 4-40 Thrd, 3/4" Length	300 SSTL	2
14	92200A108	Head Cap Screw 300 Series SS, 4-40 Thrd, 3/8" Length, MS 16995-10	18-8 SSTL	2
13	9713K53	Disc Spring_Stainless Steel Belleville, .125 ID, .250 OD, .009 Thick	304 SSTL	2
12	BU-203-N	18-8 SS Button Head Socket Cap Screw 2-56 Thread, 3/16" Length	18-8 SSTL	1
11	D1100027	CLIP	304 SSTL	4
10	D0900618	OPTICAL PRISM TOP PLATE	6061-T6 Al	1
9	D1001864	PRISM BEAM DUMP	18 GAUGE 304 SSTL	2
8	D0900619	CLIP	304 SSTL	2
7	D1001861	U-SPRING	304 SSTL	1
6	D1001871	SPRING BLOCK_LH	6061-T6 Al	1
5	D1001863	OPTICAL PRISM SPACER	304 SSTL	1
4	D0900617	OPTICAL PRISM	CALCITE	2
3	D1001870	FIXED STOP_LH	6061-T6 Al	1
2	D1001862	PRISM BASE SUPPORT	6061-T6 Al	2
1	D0900616	PRISM MOUNT BASE_LH	6061-T6 Al	1

PARTS LIST

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

MATERIAL: N/A
FINISH: N/A µinch

LIGO — CALIFORNIA INSTITUTE OF TECHNOLOGY, MASSACHUSETTS INSTITUTE OF TECHNOLOGY

PART NAME: PRISM MOUNT ASSY_LH

SYSTEM: ADVANCED LIGO
SUB-SYSTEM: AOS
NEXT ASSY: D0900623

DESIGNER	TQ. NGUYEN	23 JUL 2010
DRAFTER	TQ. NGUYEN	27 AUG 2010
CHECKER	M. SMITH	
APPROVAL	D. COYNE	

SIZE: E
DWG. NO.: D0900614
REV.: v4
SCALE: NTS
PROJECTION:
SHEET 1 OF 1

D0900614_LIGO_AOS_Prism Mounting ASSY_LH, PART FDM REV: X.029, DRAWING FDM REV: X.019