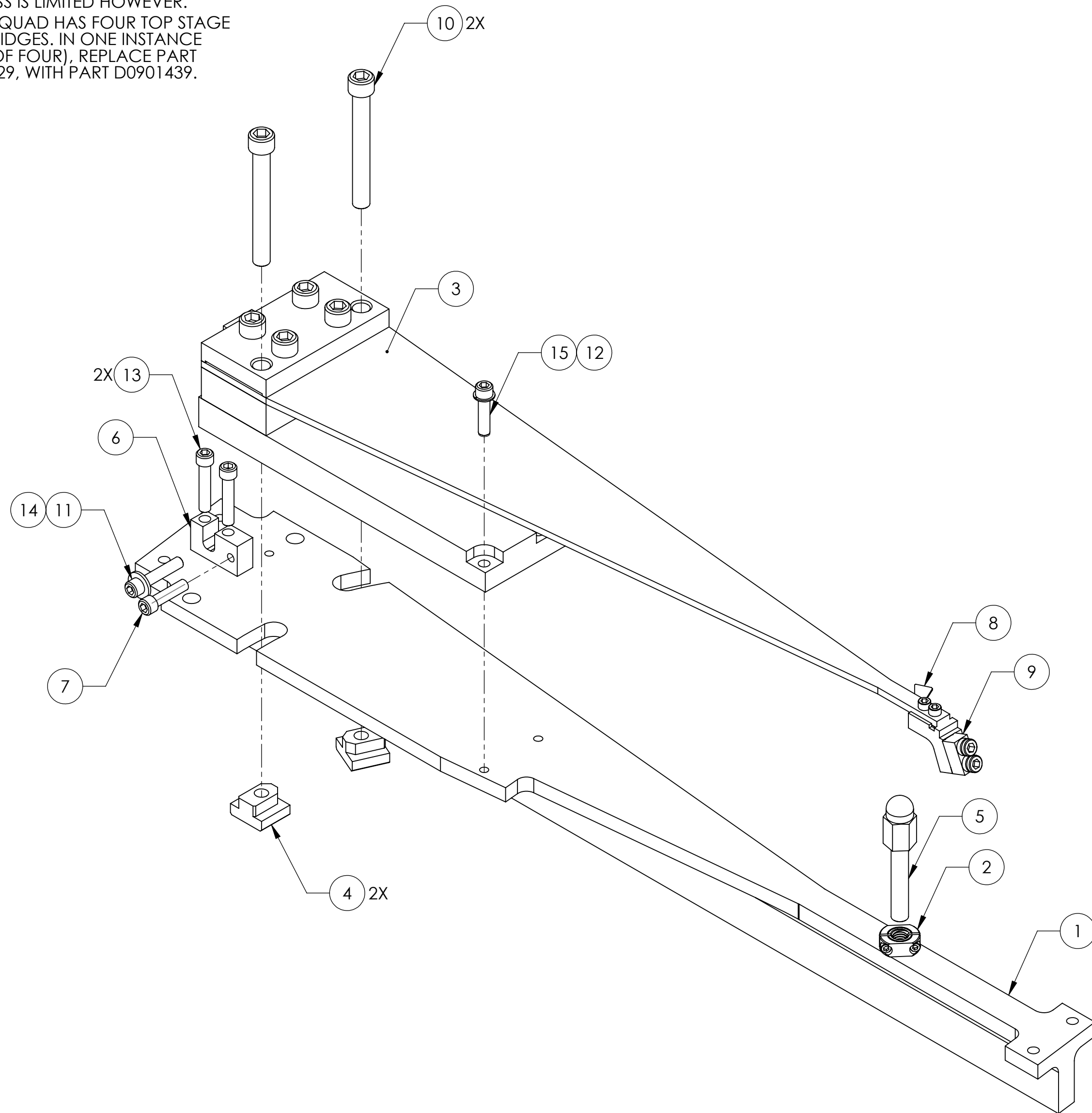
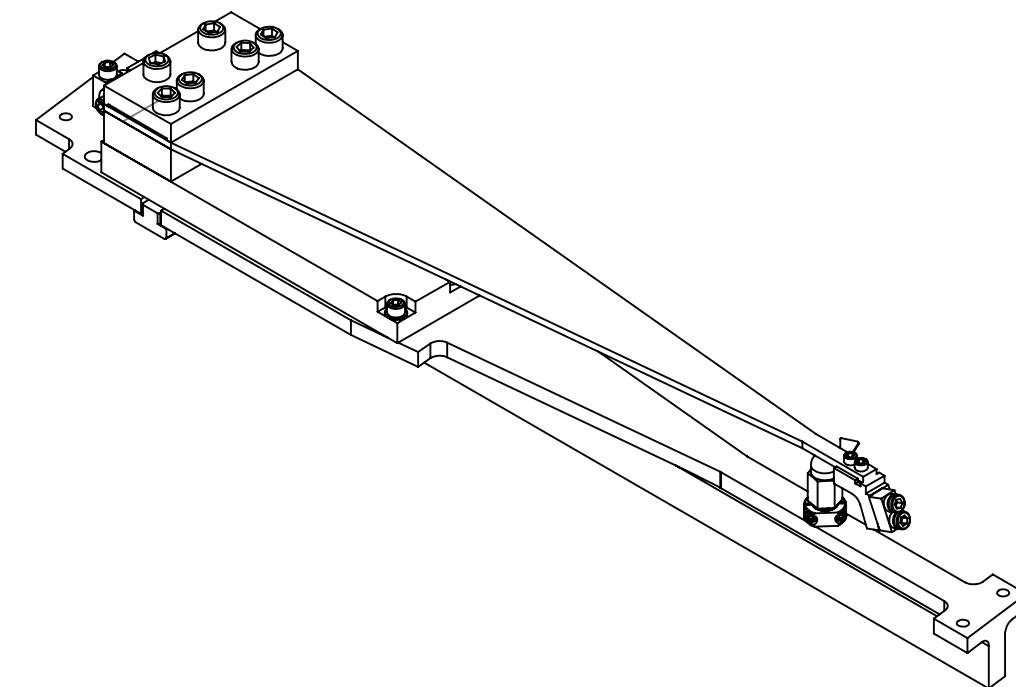


NOTES CONTINUED:

5. IT IS POSSIBLE TO INSTALL A PIVOT BOLT IN EITHER POSITION. ONLY ONE IS REQUIRED, AND THE CENTRAL POSITION WILL PERFORM BETTER. ACCESS IS LIMITED HOWEVER.
6. EACH QUAD HAS FOUR TOP STAGE CARTRIDGES. IN ONE INSTANCE (OUT OF FOUR), REPLACE PART D060329, WITH PART D0901439.



REV.	DATE	DCN #	DRAWING TREE #
A	13 OCT 2006	E060238	-
E	15 JUL 2008	E080367	-
v5	17 MAY 2013	E1300455	E0900316



ISOMETRIC VIEW

ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	REQ	SPARE	TOTAL
15	-	SCREW, SOCKET HEAD CAP, 1/4-20 UNC-2A X 1 LONG	300 SSSL	1	-	1
14	-	MS 15795 FLAT WASHERS	300 SSSL	1	-	1
13	-	SCREW, SOCKET HEAD CAP, 1/4-20 UNC-2A X 1.25 LONG	300 SSSL	2	-	2
12	.250 VENT FL WSHR	.255 ID, .468 OD, .032 TH	18-8 SSSL	1	-	1
11	-	SCREW, SOCKET HEAD CAP, 1/4-20 UNC-2A X 1.25 LONG	Ag-PLATED 300 SSSL	1	-	1
10	-	SCREW, SOCKET HEAD CAP, 3/8-16 UNC-2A X 3 LONG	Ag-PLATED 300 SSSL	2	-	2
9	D060332	TOP STAGE, WIRE CLAMP	N/A	1	-	1
8	D070140	TOP STAGE BLADE WIRE CLAMP SHIM	6061-T6 AI	1	-	1
7	D1101076	SUS SPRING HORIZONTAL ADJUSTMENT SCREW	Ag-PLATED 300 SSSL	1	-	1
6	D060325	ROTATIONAL ADJUSTER, STATIC HALF	304 SSSL	1	-	1
5	D060331	JACKING SCREW, EARTHQUAKE STOP	316 SSSL	1	-	1
4	D060328	QUAD 3/8-16 UNC T-NUT	304, 316 OR 302 SSSL	2	-	2
3	D1300598	QUAD TOP STAGE, BLADE ASSEMBLY	N/A	1	-	1
2	D1100980	ALIGO, SUS, QUAD, E. STOP SCREW, SPLIT SHAFT COLLAR	AS NOTED (SEE SPEC.)	1	-	1
1	D060329	TOP STAGE STIFF BACK	6061-T6 AI	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
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LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM	ADVANCED LIGO	SUB-SYSTEM	SUS
NEXT ASSY	D0901346		

PART NAME
QUAD TOP STAGE, BLADE CARTRIDGE

DESIGNER	JOD	05 OCT 2006	SIZE	DWG. NO.	REV.
DRAFTER	B. MOORE	26 JUN 2013	c	D060324	v5
CHECKER					
APPROVAL			SCALE: 1:2	PROJECTION:	SHEET 1 OF 1

DIMENSIONS ARE IN

TOLERANCES:
 .XX ±
 .XXX ±

ANGULAR ± °