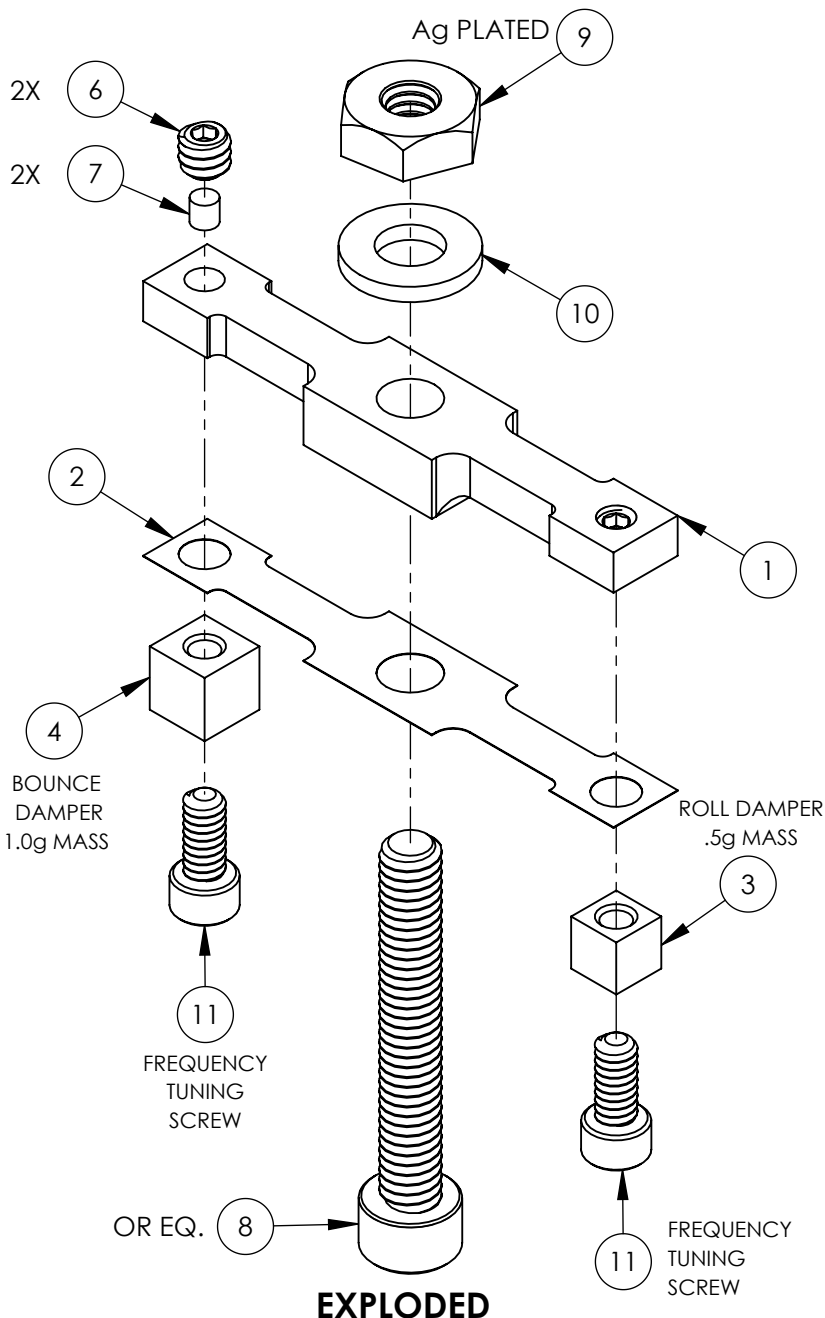
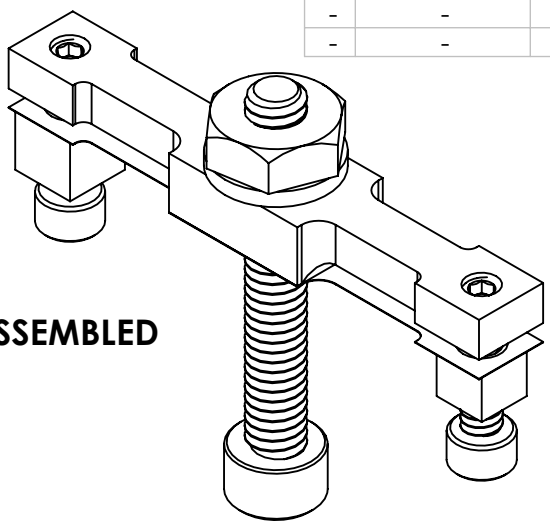


REV.	DATE	DCN #	DRAWING TREE #
v1	06 AUG 2015	E1500330-x0	-
-	-	-	-
-	-	-	-



ASSEMBLED



REFERENCES:

LIGO D1500211: QUAD, BOUNCE & ROLL MODE CONCEPT
 LIGO T1500343: CONCEPT FOR A BOUNCE & ROLL MODE DAMPER FOR THE QUAD SUSPENSIONS.

ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	QTY.
11	MS16995-9 OR EQ.	SCREW, SHC, 4-40 X .25 LG.	18-8 SSSL	2
10	MS15795-9	WASHER, FLAT #8	300 SSSL	1
9	N-832-A	HEX NUT 8-32, SILVER PLATED	Ag-PLATED 300 SSSL	1
8	92196A200 McMASTER-CARR OR EQ.	SCREW, SHC, 8-32 X 1.13 Lg.	18-8 SSSL	1
7	-	2mm X 2mm MAGNET	NEO 35 (NdFeB)	2
6	D1500235	QUAD, SUS, Bounce & Roll mode damper, Grub Screw Magnet Retainer	18-8 SSSL	2
5	D1500223	QUAD, SUS, Bounce & Roll mode damper, Mass 1.5g	COPPER 99.99%	
4	D1500222	QUAD, SUS, Bounce & Roll mode damper, Mass 1.0g	COPPER 99.99%	1
3	D1500221	QUAD, SUS, Bounce & Roll mode damper, Mass .5g	COPPER 99.99%	1
2	D1500220	QUAD, SUS, Bounce & Roll mode damper, Cu Blade	COPPER 99.99%	1
1	D1500219	QUAD, SUS, Bounce & Roll mode damper, magnet holder	6061-T6 Al	1

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

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: **D1101128**

PART NAME: **QUAD, SUS, BOUNCE & ROLL MODE DAMPER**

DESIGNER: P.FRITSCHEL - SIZE: **A** DWG. NO.: **D1500228** REV.: **v1**

DRAFTER: E.SANCHEZ 06 AUG 2015

CHECKER: SEE DCC SEE DCC

APPROVAL: SEE DCC SEE DCC

SCALE: 2:1 PROJECTION: SHEET 1 OF 1