



CALIFORNIA INSTITUTE OF TECHNOLOGY
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

DRWG NO. REV GID
E1000492-v1

SHEET 1 OF 1

ASSEMBLY NO:

[D1002424-v1](#)

OVERALL BILL OF MATERIALS

TITLE: FM OPTIC CLAW HEAD, aLIGO, SUS

	APPROVALS:	DATE:	REV	DCN NO.	BY	CHECK	DCC	DATE
DRAWN / AUTHOR: (REFERENCE CONTENTS)	CIT, KB	30-Sep-10	v1	E1000493	KB			
CHECKED:								
APPROVED:								
DCC RELEASE								

ITEM NO	REQ.	SPARE	TOT.	PART NUMBER	REVISION	DESCRIPTION	MATERIAL
1	6		6	AS568-102		AS568-102 VITON O-RING	VITON
2	2		2	D1002347	v2	PIN, LOCKING, VIBRATION ABSORBER	304 SSSL
3	1		1	D1002425	v1	VIBRATION ABSORBER, 5LB CLAMP BASE	6061-T6 Al
4	1		1	D1002426	v1	Top Clamp for the SEI vibration absorber 5 Lb	6061-T6 Al
5	1		1	D1002427	v1	Mass for the SEI vibration absorbers 5 Lb	304 SSSL
6	4		4	90945A760		Washer .47 od x .26 id x .02-.04 thk MC#90945A760	18-8 SSSL
7	4		4	92196A548		SHCS 1/4-20 x 1.75 lg MC#92196A548	18-8 SSSL
8	12		12	93574A513		Washer 0.373" od, 0.253" id, 0.02" thck MC#9357A513	18-8 SSSL
						COMMON MOUNTING PLATE AND HARDWARE	
9	1		1	D1000895	v2	PLATE 2 FOR SEI VIBRATION ABSORBER 5 LB VERSION	6063-T6 Al
10	4		4	90945A761		Washer .47 od x .26 id x .06-.07 thk MC#90945A761	18-8 SSSL
11	4		4	92200A540		SCREW, SHC 1/4-20X1 1/4 MS16995-53, MC#92200A540	300 SSSL
						OMC CONFIGURATION:	
12	4		4	90945A760		Washer .47 od x .26 id x .02-.04 thk MC#90945A760	18-8 SSSL
13	4		4	92200A537		SCREW, SHC 1/4-20X1/2 MS16995-48, MC#92200A537	300 SSSL
14	1		1	D1002081	v1	OMC VIBRATION ABSORBER MOUNTING PLATE	6061-T6 Al
						FM/BS CONFIGURATION:	
15	4		4	90945A760		Washer .47 od x .26 id x .02-.04 thk MC#90945A760	18-8 SSSL
16	4		4	92200A537		SCREW, SHC 1/4-20X1/2 MS16995-48, MC#92200A537	300 SSSL
17	1		1	D1002174	v1	FM/BS VIBRATION ABSORBER MOUNTING PLATE	6061-T6 Al
						HLTS CONFIGURATION:	
18	4		4	90945A760		Washer .47 od x .26 id x .02-.04 thk MC#90945A760	18-8 SSSL
19	4		4	92200A540		SCREW, SHC 1/4-20X1 1/4 MS16995-53, MC#92200A540	300 SSSL
20	1		1	D1001060	v1	CLAMP, VIBRATION ABSORBER HLTS	6061-T6 Al
						HSTS CONFIGURATION:	
21	4		4	90945A760		Washer .47 od x .26 id x .02-.04 thk MC#90945A760	18-8 SSSL
22	4		4	92200A540		SCREW, SHC 1/4-20X1 1/4 MS16995-53, MC#92200A540	300 SSSL
23	1		1	D1001059	v1	CLAMP, VIBRATION ABSORBER HSTS	6061-T6 Al



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						LOWER QUAD CONFIGURATION:	
24	4		4	92210A548		SCREW, 1/4-20 X 103/4 82 DEG FLAT HEAD	18-8 SSSL
25	1		1	D1001060	v1	CLAMP, VIBRATION ABSORBER HLTS	6061-T6 Al
						UPPER QUAD AND TMS CONFIGURATION:	
26	4		4	92210A548		SCREW, 1/4-20 X 103/4 82 DEG FLAT HEAD	18-8 SSSL
27	1		1	D1002594	v1	UPPER QUAD VIBRATION ABSORBER MOUNTING PLATE	6063-T6 Al
28	1		1	D1002597	v1	UPPER QUAD VIBRATION ABSORBER CLAMP	6061-T6 Al