

**D0900471 - AdvLIGO Systems, BSC4-L1 Top Level Chamber Assembly B.O.M.**

ITEM		PART NUMBER	DESCRIPTION	QTY.
1		D0900473	AdvLIGO VE BSC4-L1, Vacuum Equipment Assembly	1
	1.1	D060139	BSC Lower Shell ICD	1
	1.2	D060140	BSC Upper Shell ICD	1
	1.3	D060143	BSC 60in Cover ICD	2
	1.4	D961145	BSC 60in End Cover, Type A11 ICD	1
	1.4	D980227-00-E	Naming Convention for Ports on BSC Chambers	1
	1.5	D961115	ALIGO Floor Assembly & Details, BSC Chamber VE	1
	1.6	D961107	Chamber Support Assembly, BSC LIGO Vacuum Equipment	1
2		D0900477	AdvLIGO SEI BSC4-L1, XYZ Local CS for ISI Table	1
	2.1	D0901182	Advanced LIGO BSC ISI Assembly	1
	2.2		Screw, Soc HD Cap, 3/8-16 x 2.0	7
	2.3		Washer, Flat, .63 od x .39 id x .06 Thick	7
3		D0900478	AdvLIGO SUS BSC4-L1, XYZ Local CS for ETMX	1
	3.1	D0901346-04	Ad LIGO QUAD ETM SUS ASSEMBLY TOP LEVEL TD-1084-090_ASM	1
	3.2	D1002424	aLIGO, SUS, VIBRATION ABSORBER, 5LB VERTICAL WITH O-RINGS	4
	3.3	D070056	aLIGO, SUS QUAD N-Type, QUAD Dog Clamp	15
	3.4	D1003190	aLIGO, SUS QUAD Shorter Dog Clamp	5
	3.5	D1100785-620	Washer, Flat, Nitronic .38 X .620 OD	20
	3.6	3AJ1.500-12CL	Bolt, 3/8-16 X 1.50, 12Pt	20
4		D1000554 *	AdvLIGO ZEMAX Laser Beam Rays & Optics, H1	1
5		D1000513 *	D1000513 HEPI, BSC, Chamber Level Assem, aLIGO SEI	1
6		D1100476	AdvLIGO SUS BSC4-L1, XYZ Local CS for SLC Arm Cavity Baffle	1
	6.1	D1200656	ARM CAVITY BAFFLE FINAL ASSY	1
	6.2	MSC-67336925	SCREW HEX HEAD 3/8-16 X 2 LG	6
	6.3	D1001700	SLC INTERFACE MOUNTING CLAMP	6
	6.4	93852A104	Washer, Flat, Nitronic .38 X .620 OD	6
7		D0900435	AdvLIGO SUS BSC4-L1, XYZ Local CS for ETM Tel Assy	1
	7.1	D0901880-01	aLIGO AOS TRANSMISSION MONITOR SYSTEM ASY, WBSC9, LBSC4	1
	7.2	D070056	aLIGO, SUS QUAD N-Type, QUAD Dog Clamp	10
	7.3	D1003190	aLIGO, SUS QUAD Shorter Dog Clamp	10
	7.4	D1002424	aLIGO, SUS, VIBRATION ABSORBER, 5LB VERTICAL WITH O-RINGS	2
	7.5	D1100785-620	Washer, Flat, Nitronic .38 X .620 OD	20
	7.6	3AJ1.500-12CL	Bolt, 3/8-16 X 1.50, 12Pt	20

8		D12XXXXX	AdvLIGO Cable Harness Routing, BSC4	1
9		D1201035	AdvLIGO BSC3-L1 ISI Table, Balance Masses Assembly	1
	9.1	D071200-06	1.190 Coarse (Type 06)	6
	9.2	D071200-04	.440 (Type 04)	6
	9.3	D1003161-21.6	TRIM MASS AND DAMPING ASSY, aLIGO BSC-ISI	6
	9.4	D1003143	BALLAST MASS ASSEMBLY, ALIGO BSC ISI	4

\* These Assemblies are common to all BSC Chambers