

D0900492 - AdvLIGO Systems, BSC3-L1 Top Level Chamber Assembly B.O.M.

| ITEM | | PART NUMBER | DESCRIPTION | QTY. |
|------|-----|---------------|---|------|
| 1 | | D0900493 | AdvLIGO VE BSC3-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 | 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 | | D0900494 | AdvLIGO SEI BSC3-L1, XYZ Local CS for ISI Table | 1 |
| | 2.1 | D0901182 | Advanced LIGO BSC ISI Assembly | 1 |
| 3 | | D0900495 | AdvLIGO SUS BSC3-L1, XYZ Local CS for ITMX | 1 |
| | 3.1 | D0901346-03 | Ad LIGO QUAD 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 | 19 |
| | 3.4 | D1003190 | aLIGO, SUS QUAD Shorter Dog Clamp | 1 |
| | 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 | | D1003371 | AdvLIGO SUS BSC3 BSC5-L1, XYZ Local CS for SLC Arm Cavity Baffle | 1 |
| | 6.1 | D1200580 | ADLIGO AOS SLC ACB 1-HOLE FINAL ASSEMBLY | 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 | | D1200059 | AdvLIGO Cable Harness Routing, BSC3 | 1 |
| 8 | | D1003064 | AdvLIGO BSC3-L1 ISI Table, Balance Masses Assembly | 1 |
| | 8.1 | D071200-06 | 1.190 Coarse (Type 06) | 6 |
| | 8.2 | D071200-04 | .440 (Type 04) | 6 |
| | 8.3 | D1003161 | TRIM MASS AND DAMPING ASSY, aLIGO BSC-ISI | 15 |
| | 8.4 | D1003143 | BALLAST MASS ASSEMBLY, ALIGO BSC ISI | 4 |
| 9 | | D1200679 | AdvLIGO BSC3-L1, xyz Local CS for TCS CO2P Steering Mirror Sub-Assy | 1 |
| | 9.1 | D1101013 | ALIGO TCS CO2P STEERING MIRROR 1-ASSY, H1-L1 | 1 |

* These Assemblies are common to all BSC Chambers

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