



## Document Change Notice (DCN) Title: Non-OSEM Tip-Tilt Assembly

Document No. Doc-Rev	Title	New Rev
D080056-A	TIP-TILT ASSEMBLY (ACTIVE)	B
D080057-A	STRUCTURE ASSEMBLY (ACTIVE)	B
D080058-A	MIRROR ASSEMBLY	B

(Continue on sheet 2 if needed)

**CHANGE DESCRIPTION (FROM/TO) – Continue on next sheet if needed:**

D080056, D080057, D080058 – Updated to reflect changes made to part drawings and changes to hardware

D080060 – D080070 – Added vent holes and grooves to make parts vacuum compatible. Made some dimensional changes to accommodate shorter height of side supports

D080061 &amp; D080062 – Decreased height of side supports by one inch to account for difference in beam heights

D080451 &amp; D080452 – Initial release of shims to increase height of assembly when needed.

**REASON FOR CHANGE:** To make parts vacuum compatible and to decrease height of assembly by 1 inch**ACTION:**  Incorporate Change  Attach DCN to Drawings  Other Action (specify):

DISPOSITION OF HARDWARE (IDENTIFY SERIAL NUMBERS)	DCN DISTRIBUTION																														
<input type="checkbox"/> No hardware was affected (record change only):	Required: excomm (Lab Grp Leads, LSC Spokesperson) Michael Landry (LHO AdL Liaison) Brian O'Reilly (LLO AdL Liaison) Bill Tyler (Lab Safety & QA)																														
<input type="checkbox"/> List S/Ns which comply already:																															
<input type="checkbox"/> List S/Ns to be reworked/scrapped:	Recommended (AdL Area/Subsys Leads & Cog. Sci./Eng., subsystem email distribution lists): <i>[please delete if/as appropriate for this DCN]</i>																														
<input checked="" type="checkbox"/> List S/N's to be built with this change: 003 and on	<table border="1"> <tbody> <tr> <td>Rich Abbott</td> <td>Mark Barton</td> <td>GariLynn Billingsley</td> </tr> <tr> <td>Justin Greenhalgh</td> <td>Jay Heefner</td> <td>Bill Kells</td> </tr> <tr> <td>Peter King</td> <td>Brian Lantz</td> <td>Mohana Mageswaran</td> </tr> <tr> <td>Ken Mason</td> <td>Norna Robertson</td> <td>Janeen Romie</td> </tr> <tr> <td>Vern Sandberg</td> <td>Mike Smith</td> <td>Daniel Sigg</td> </tr> <tr> <td>Phil Willems</td> <td>Benno Willke</td> <td></td> </tr> <tr> <td>adv-ligo</td> <td>aligo_sys</td> <td>aligo_aos</td> </tr> <tr> <td>aligo_coc</td> <td>aligo_io</td> <td>aligo_isc</td> </tr> <tr> <td>aligo_sus</td> <td></td> <td>lsc-laser@aei.mpg.de</td> </tr> <tr> <td></td> <td></td> <td>lsc-sei@ligo.phys.lsu.edu</td> </tr> </tbody> </table>	Rich Abbott	Mark Barton	GariLynn Billingsley	Justin Greenhalgh	Jay Heefner	Bill Kells	Peter King	Brian Lantz	Mohana Mageswaran	Ken Mason	Norna Robertson	Janeen Romie	Vern Sandberg	Mike Smith	Daniel Sigg	Phil Willems	Benno Willke		adv-ligo	aligo_sys	aligo_aos	aligo_coc	aligo_io	aligo_isc	aligo_sus		lsc-laser@aei.mpg.de			lsc-sei@ligo.phys.lsu.edu
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<input type="checkbox"/> List S/Ns to be retested per this change:																															
<input type="checkbox"/> Other disposition/instructions or additional comments:	Additional Distribution List for this DCN:																														

SAFETY, COST, SCHEDULE, REQUIREMENTS IMPACT?  NO  YES  
(If YES, enter CR (CCB) or TCP (TRB) #)

APPROVALS:	DATE	OTHER APPROVALS (SPECIFY)	DATE
ORIGINATOR: M. MEYER	15 AUG 2008		
TASK LEADER: V. FROLOV			
GROUP LEADER: D. COYNE			
DCC RELEASE:			



<b>Document No. Doc-Rev</b>	<b>Title</b>	<b>New Rev</b>
D080060-A	STRUCTURE BASE	B
D080061-A	STRUCTURE SIDE, RIGHT	B
D080062-A	STRUCTURE SIDE, LEFT	B
D080063-A	SUSPENSION BLOCK	B
D080064-A	SUSPENSION BAR	B
D080068-A	ECD MOUNT, REAR	B
D080069-A	2” MIRROR HOLDER	B
D080070-A	INNER WIRE CLAMP	B
D080451-00	BASE SHIM (0.5 INCH)	A
D080452-00	BASE SHIM (1 INCH)	A

CHANGE DESCRIPTION (FROM/TO) -- continued: