

LASER INTERFEROMETER GRAVITATIONAL WAVE OBSERVATORY
- LIGO -

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Small Optic Suspension Wedge Angle Orientation
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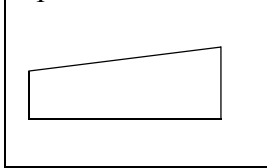
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SUSPENSION WEDGE ANGLE ORIENTATION

All small optics suspensions have their mirrors mounted with the wedges oriented in the horizontal direction. The table below lists the wedge orientation for each suspension. *The convention is defined such that the left and right refer to the orientation of the wedge with respect to the facing the suspension tower:*

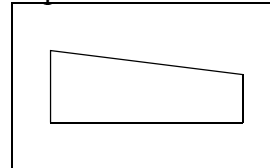
Suspension Tower Rear



Suspension Tower Front

RIGHT

Suspension Tower Rear



Suspension Tower Front

LEFT

Table 1: Small Optics Suspension Wedge Orientation

<i>Suspension</i>	<i>Wedge Orientation</i>
Mode Cleaner Flat Mirror 1	Thick side right
Mode Cleaner Flat Mirror 2	Thick side left
Mode Cleaner Curved Mirror	Thick side left
Steering Mirror 1	Thick side left
Steering Mirror 2	Thick side left
MMT1	Thick side left
MMT2	Thick side left

Table 2: MMT3 Wedge Orientation

<i>Suspension</i>	<i>Wedge Orientation</i>
MMT3	Thick Side Up