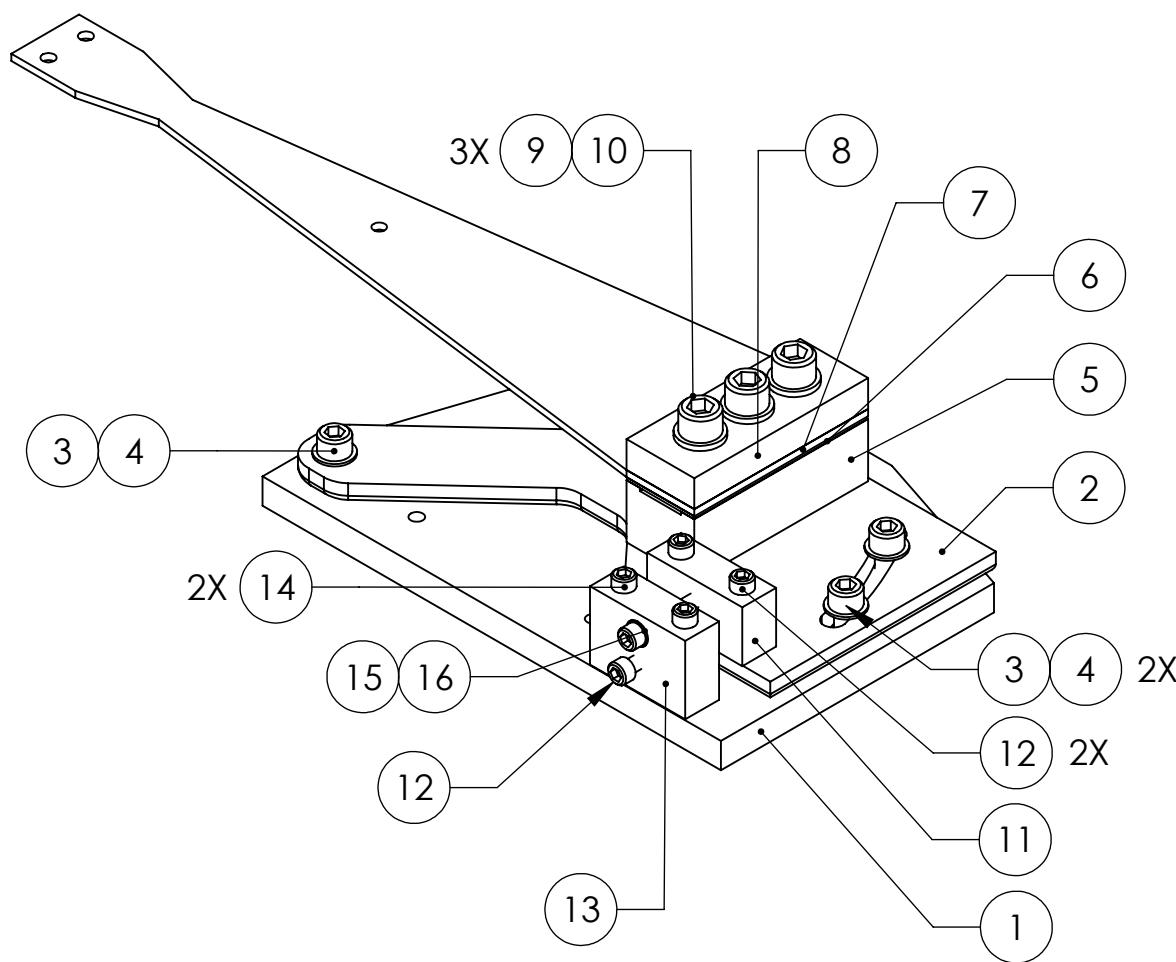


D070326\_Advanced\_LIGO\_SUS\_HLTS\_Rotational\_Adjuster, PART PDM REV: X-008, DRAWING PDM REV: X-007

| REV. | DATE       | DCN #    | DRAWING TREE # |
|------|------------|----------|----------------|
| v1   | 3 MAR 2009 | E0900065 | E080191        |
| -    | -          | -        | -              |
| -    | -          | -        | -              |



| 16       | -           | WASHER, FLAT, #8 (NAS 620-C8L OR EQUIVALENT)       | 300 SSSL                | 1   | 1     | 2     |
|----------|-------------|--|-------------------------|-----|-------|-------|
| 15       | -           | SCREW, SOCKET HEAD CAP, #8-32 UNC-2A X 1.5 LONG    | Ag-PLATED<br>300 SSSL   | 1   | 1     | 2     |
| 14       | -           | SCREW, SOCKET HEAD CAP, #8-32 UNC-2A X 1.25 LONG   | 300 SSSL                | 2   | 1     | 3     |
| 13       | D070330     | PUSH PLATE   | 304, 316 OR<br>302 SSSL | 1   | 0     | 1     |
| 12       | -           | SCREW, SOCKET HEAD CAP, #8-32 UNC-2A X 1 LONG      | Ag-PLATED<br>300 SSSL   | 3   | 1     | 4     |
| 11       | D070329     | PULL PLATE   | 304, 316 OR<br>302 SSSL | 1   | 0     | 1     |
| 10       | -           | WASHER, FLAT, 5/16 (NAS 1149-C516 OR EQUIVALENT)   | 300 SSSL                | 3   | 1     | 4     |
| 9        | -           | SCREW, SOCKET HEAD CAP, 5/16-18 UNC-2A X 1.75 LONG | Ag-PLATED<br>300 SSSL   | 3   | 1     | 4     |
| 8        | D020601     | BLADE CLAMP, UPPER BLADE, OUTSIDE                  | 304, 316 OR<br>302 SSSL | 1   | 0     | 1     |
| 7        | D020617     | UPPER BLADE, HLTS                                  | MARAGING<br>STEEL C250  | 1   | 3     | 4     |
| 6        | D070331     | SHIM, UPPER BLADE                                  | 304, 316 OR<br>302 SSSL | 1   | 0     | 1     |
| 5        | D020622     | BLADE CLAMP, UPPER BLADE, INSIDE                   | 304, 316 OR<br>302 SSSL | 1   | 0     | 1     |
| 4        | -           | WASHER, FLAT, 1/4 (NAS 620-C416L OR EQUIVALENT)    | 300 SSSL                | 3   | 1     | 4     |
| 3        | -           | SCREW, SOCKET HEAD CAP, 1/4-20 UNC-2A X 0.625 LONG | 300 SSSL                | 3   | 1     | 4     |
| 2        | D070328     | ROTATING PLATE                                     | 304, 316 OR<br>302 SSSL | 1   | 0     | 1     |
| 1        | D070327     | BASE PLATE   | 6061-T6 Al              | 1   | 0     | 1     |
| ITEM NO. | PART NUMBER | DESCRIPTION  | MATERIAL                | REQ | SPARE | TOTAL |

PARTS LIST

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

1. PARTS TO BE ASSEMBLED ACCORDING TO E080208 HLTS ASSEMBLY SPECIFICATION.

MATERIAL: N/A  
FINISH: N/A μinch

**LIGO** CALIFORNIA INSTITUTE OF TECHNOLOGY  
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM: ADVANCED LIGO SUB-SYSTEM: SUS  
NEXT ASSY: HLTS SUSPENSION ASSY

PART NAME: ROTATIONAL ADJUSTER

DESIGNER: D. BRIDGES 15 APR 2009  
DRAFTER: D. BRIDGES 16 APR 2009  
CHECKER: M. MEYER 16 APR 2009  
APPROVAL:

SIZE: B DWG. NO.: D070326 REV: v1

SCALE: 1:2 PROJECTION: SHEET 1 OF 1