



**California Institute of Technology  
Massachusetts Institute of Technology**

# Document Change Notice (DCN)

**DCN No.** E030521-01-E

**Sheet 1 of 2**

DOCUMENT No. (DOC-REV-GP.ID)	TITLE	NEW REV
	<b>EPI Actuator, Sensor and Spring Brackets Revised Parts</b>	
D020001-00*	Spring Adjustment Plate	A
D020002-00*	Spring Mounting Plate	A
D020008-A	BSC Crossbeam Attachment Plate	B
D020011-A	Spherical Housing for the Hydraulic Actuator	B
D030325-00*	Crossbeam Foot Assembly Hold Down Assembly	A
D030575-00*	Unified Hydraulic Actuator – Part 1 through 4	A
D030586-00*	EPI Horizontal L4-C	A
D030693-00*	HAM Attach Plate, Left	A
D030695-00*	HAM Attach Plate, Right	A
D030698-00*	HAM Attach Plate Shims, Left	A
D030699-00*	HAM Attach Plate Shims, Right	A
D030700-00*	BSC Attach Plate Shims	A
D030705-00*	Quarter Round Displacement Sensor Flag	A

**CHANGE DESCRIPTION (FROM/TO):** \* denotes initial release / See sheet two for further description.

DCN No. changed from E030521-00 to E030521-01 due to a revision mistake on part D020011-A; rev. no. changed from A to the correct rev. no. B.

**REASON FOR CHANGE:** Replaced original actuator mounting brackets with unified bracket which will fit both horizontal and vertical mounting for faster manufacturing and installation. L4C brackets replaced.

**ACTION:**       Incorporate Change       Attach DCN to Drawings       Other Action (specify):

DISPOSITION OF HARDWARE (IDENTIFY SERIAL NUMBERS)	DCN DISTRIBUTION															
<input checked="" type="checkbox"/> No hardware was affected (record change only):	<table border="0"> <tr> <td><b>Barish</b></td> <td><b>Coles</b></td> <td><b>Coyne</b></td> </tr> <tr> <td><b>Lazzarini</b></td> <td><b>Lindquist</b></td> <td><b>Sanders</b></td> </tr> <tr> <td><b>Shoemaker</b></td> <td><b>Stapfer</b></td> <td><b>Tyler</b></td> </tr> <tr> <td><b>Weiss</b></td> <td><b>Whitcomb</b></td> <td><b>Matherny</b></td> </tr> <tr> <td><b>Raab</b></td> <td></td> <td></td> </tr> </table>	<b>Barish</b>	<b>Coles</b>	<b>Coyne</b>	<b>Lazzarini</b>	<b>Lindquist</b>	<b>Sanders</b>	<b>Shoemaker</b>	<b>Stapfer</b>	<b>Tyler</b>	<b>Weiss</b>	<b>Whitcomb</b>	<b>Matherny</b>	<b>Raab</b>		
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**SAFETY, COST, SCHEDULE, REQUIREMENTS IMPACT?**       NO       YES (If YES, enter CR (CCB) or TCP (TRB) #)

APPROVALS:	DATE	OTHER APPROVALS (SPECIFY)	DATE
<b>ORIGINATOR:</b> Hammond / Spjeld	11/12/03	Coyne	

**TASK LEADER:** Kern  
**GROUP LEADER:** Lantz  
**DCC RELEASE:**

Digital signatures authorizing this release are found on page 3



**Document Change Notice (DCN)**

**CHANGE DESCRIPTION (FROM/TO):**

**D020008-B-E BSC Crossbeam Attachment Plate:**

Changed thickness from 1.5 inches to 1.0 inch. .125 inch. thick shims will be used to adjust height instead.  
Added ½-20 tooling holes.

**D020011-B-E Spherical Housing for the Hydraulic Actuator**

Changed the overall thickness of the housing from 1.062" to 1.638". This change was necessary so that the horizontal actuator would not interfere with the EPI Housing (D020004)

**D030575-A-E Unified Hydraulic Actuator – Part 1 through 4**

Unified bracket mounts horizontal and vertical actuator to EPI housing and replaces the following original parts:

- D020012-A Lower Actuator Plate, Short
- D020013-A Lower Vertical Actuator Mount
- D020014-A Upper Vertical Plate, Short
- D020015-A Upper Vertical Actuator Mount
- D020306-A Lower Actuator Plate
- D020941-A Upper Actuator Plate, Short
- D030236-A Lower Actuator Plate

**D0300586-A-E EPI Horizontal L4-C Mount:**

Replaces the following original parts:

- D020258-A L4-C Kinematic Plate
- D020259-A L4-C Tube Mount



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APPROVALS:	DATE	OTHER APPROVALS (SPECIFY)	DATE
<b>ORIGINATOR:</b> Hammond / Spjeld	10/15/03	Coyne	
<b>TASK LEADER:</b> Kern <i>Jonathan Kern</i>		<i>?</i> <i>Dennis Coyne</i>	
<b>GROUP LEADER:</b> Lantz <i>Brian Lantz</i>			

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