

S E R V I C E N O T E

SUPERSEDES: NONE

E5022A Hard Disk Read/Write Test System

Serial Numbers: 0000A00000 / JP2KF00222 (excl. JP2KF00219), JP2KF00230

**Modification to correct LEM shield short to -15 volt
which causes HS/ECB fault****To Be Performed By:** Agilent-Qualified Personnel**Parts Required:**

P/N	Description	Quantity
E5010-65131	Servo Amp, Spindle	1
or		
E5010-69131		
E5010-65132	Servo Amp, Linear Stage	2
or		
E5010-69132		

Continued

DATE: February 2000

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	<input type="checkbox"/> IMMEDIATELY <input type="checkbox"/> ON SPECIFIED FAILURE <input checked="" type="checkbox"/> AGREEABLE TIME	STANDARDS: LABOR 1.5 Hours	
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input checked="" type="checkbox"/> ON-SITE <input type="checkbox"/> SERVICE CENTER	SERVICE INVENTORY: <input checked="" type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT	USED PARTS: <input checked="" type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE		
AGILENT RESPONSIBLE UNTIL: February 2000			
AUTHOR: YO	ENTITY: 3355	ADDITIONAL INFORMATION:	



Situation:

On the servo amplifiers in the spinstand controller, a LEM bottom plate may slide and touch the contact going to the -15 volt line. It causes a short between the LEM shield and -15 volt line and manifest itself as a high-speed circuit breaker fault (HS/ECB), with the green BIAS light on the amplifier not lit.

The HS/ECB fault causes turning on the RESET lamp on the front panel of the spinstand controller and it cannot be turned off by pressing the RESET button.

New amplifiers (part numbers not changed) have soldered LEM bottom plate not to contact to -15 volt line.

Solution / Action:

Replace three servo amplifiers listed above at the same time. The replacement procedure is described in the service manual.