

S E R V I C E N O T E

SUPERSEDES: 5517A/18A-01B

**5518A Laser Head**

**Serial Numbers:** 0000A00000 / 2532A02311

**Repair of Sampler Assembly**

**To Be Performed By:** Agilent-Qualified Personnel

**Parts Required:**

P/N	Description
1990-0768	Liquid Crystal Switch
8160-0530	Elastomeric Connectors

**Situation:**

It was possible to have electrical connection problems due to mismatched dimensional tolerances that could cause the READY LED to stop blinking in 10 minutes or less after powerup (resulting in a LASr FAIL on the 5508A in the 5528A system), or to start blinking during operation (resulting in a Hd error on the 5508A).

**Note**

All affected products have been repaired. Agilent will no longer repair this problem at no charge.

*Continued*

DATE: January 1996

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
<b>MODIFICATION RECOMMENDED</b>			
ACTION CATEGORY:	<input type="checkbox"/> IMMEDIATELY <input checked="" type="checkbox"/> ON SPECIFIED FAILURE <input type="checkbox"/> AGREEABLE TIME	STANDARDS:	Labor 0.0 Hours
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> SERVICE CENTER	SERVICE INVENTORY:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input checked="" type="checkbox"/> SEE TEXT
		USED PARTS:	<input type="checkbox"/> RETURN <input checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	AGILENT RESPONSIBLE UNTIL: September 1989	
AUTHOR: MD	ENTITY: 5500	ADDITIONAL INFORMATION: Products have been fixed. Factory will no longer accept repair charges.	

**Solution/Action:**

Sub-assemblies of the sampler were redesigned and the color of the elastomeric connector changed to gray from pink or black. Old Sampler Assemblies, identified by pink or black elastomeric connectors, were repaired by replacing the Liquid Crystal Switch and the Elastomeric Connectors with new ones.

**Note**

See previous Service Note 5517A/18A-01A for detailed replacement instructions.