

S E R V I C E N O T E

SUPERSEDES: NONE

**8563E opt. 026 Spectrum Analyzers**  
**8592L opt. 026 Spectrum Analyzers**  
**8593E opt. 026 Spectrum Analyzers**  
**8362X Source Products**  
**8363X Source Products**  
**8375X Source Products**  
**8371X Source Products**  
**8373X Source Products**  
**867X Source Products**

**Tightening torque on p/n 08673-60040 APC 3.5mm(m)to(f) connector.**

**Serial Numbers:** See below

**Spectrum Analyzer Products:**

8592L w/option 026 Serial Numbers: 3826A01209, 3826A01272  
 8593E w/option 026 Serial Number: 3829A03625, 3829A03626,  
 3829A03627, 3829A03642,  
 3829A03666, 3829A03673  
 8563E w/option Serial Numbers: 026 3821A08971 / 3821A09443

*Continued*

DATE: February 1999

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 0.5 Hours
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> SERVICE CENTER	SERVICE INVENTORY:	<input checked="" type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	USED PARTS:	<input checked="" type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AUTHOR: BD	ENTITY: 5320	AGILENT RESPONSIBLE UNTIL: Product Support Life	
		ADDITIONAL INFORMATION:	

**Source Products:**

83620B	Serial Numbers:	3722A00674 / 3722A00750
83621B	Serial Numbers:	3614A00249 / 3614A00275
83622B	Serial Numbers:	3722A00169 / 3722A00185
83623B	Serial Numbers:	3722A00615 / 3722A00675
83623L	Serial Numbers:	3722A00167 / 3722A00176
83624B	Serial Numbers:	3722A00216 / 3722A00227
83630B	Serial Numbers:	3722A00488 / 3722A00550
83630L	Serial Numbers:	3722A00333 / 3722A00353
83631B	Serial Numbers:	3614A00162 / 3614A00173
83711B w/option 1E9	Serial Numbers:	US37100917, US37100916, US371000878, US37100877, US37100876, US37100828, US37100825, US37100822
83712B w/option 1E9	Serial Numbers:	US37100749, US37100748, US3710A00747, US3710A00746, US37100729, US37100726, US37100725, US37100724, US37100674, US37100666, US37100662, US37100660, US37100657
83731B w/option 1E9	Serial Numbers:	US37100721, US37100673
83732B w/option 1E9	Serial Numbers:	US37101158, US37101126, US37101124, US37101115, US37101092, US37101091, US37101084, US37101064, US37101058
83751A	Serial Numbers:	3614A00384 / 3614A00409
83751B	Serial Numbers:	3614A00216 / 3614A00221
83752A	Serial Numbers:	3614A01437 / 3614A01551
83752B	Serial Numbers:	3614A00876 / 3614A00928

**Duplicate Service Notes:**

8592L-M71  
 8593E-M71  
 8563E-M71  
 83620B-M71  
 83621B-M71  
 83622B-M71  
 83623B-M71  
 83623L-M71  
 83624B-M71  
 83630B-M71  
 83630L-M71  
 83631B-M71  
 83711B-M71  
 83712B-M71  
 83731B-M71  
 83732B-M71  
 83751A-M71  
 83751B-M71  
 83752A-M71  
 83752B-M71

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

**Parts Required:**

<b>P/N</b>	<b>Description</b>	<b>Quantity</b>
08673-60040	APC 3.5mm Connector	1

**Situation:**

The retaining ring used inside part number 08673-60040, APC 3.5mm(m) to(f) has been recently powder coated with a lubricant known as MOLY-D. This lubricant prevents connector savers from being torqued to the correct value (9 inch lbs.) inside the connector. Connectors containing this lubricant typically spin at ~2 inch-lbs. Such a low value of torque can cause power holes and intermittent amplitude fluctuations in all applications.

The lubricant was used from 15 JUN 98 through 24 SEP 98 and therefore affects products that were shipped or had this connector changed within this timeframe. The list shown above indicates the model and serial numbers for which the 08673-60040 connector may contain a MOLY-D retaining ring. Solution / Action: For suspect 08673-60040 connectors, perform the following acceptance test:

Perform the following acceptance test:

1. Install p/n 5061-5311 APC 3.5mm(f)to(f) or equivalent connector saver with a 3/8" shoulder nut.
2. Finger tighten the connector saver into the connector in question.
3. Hold the knurled end of 08673-60040 and place a torque wrench on the 3/8" nut of the APC 3.5mm(f)to(f) connector saver.
4. If the combined connector (knurled body plus connector saver) will withstand a 9 inch lb. torque without spinning, accept it. If not replace the 08673-60040 under warranty.