

# 8561B-03A

## S E R V I C E N O T E

SUPERSEDES 8561B-03

### HP 8561B Portable Spectrum Analyzer

**Serial Numbers:** 0000A00000/2925A00158

**Duplicate Service Notes:**

- 8560A-03A
- 8561A-13A
- 8562A-46A
- 8562B-43A

### Electrolytic Capacitor Changes on the 08560-60014 and 08562-60065 Cal Oscillator Assemblies

**Parts Required:** 2ea. 0180-3842 Capacitor, 22uF 25-volt Solid Tantalum

**Situation:**

Earlier 08560-60014 and 08562-60065 A16 Cal Oscillator assemblies had 47uF 10V solid tantalum capacitors loaded for A16C31 and A16C32. A16C32 has 15 volts across it. This poses a reliability risk.

*Continued*

DATE: 1 June 1991

### ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:					
<b>MODIFICATION RECOMMENDED</b>					
ACTION CATEGORY:	<input type="checkbox"/> IMMEDIATELY <input type="checkbox"/> ON SPECIFIED FAILURE <input checked="" type="checkbox"/> AGREEABLE TIME	STANDARDS:	LABOR 1.0Hours		
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> HP LOCATION	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		RESPONSIBLE ENTITY: 5300	UNTIL: November 1991	
AUTHOR: GPB	ENTITY: 5300		ADDITIONAL INFORMATION:		



**Solution/Action:**

Change A16C31 and A16C32 to a 22uF 25-volt solid tantalum capacitor, HP part number 0180-3847.

**Table of Affected Serial Numbers**

<b>Model</b>	<b>Serial Numbers</b>	<b>Exceptions</b>
8560A	0000A00000/2925A00249	2925A00235 2925A00246 2925A00247
8561A	0000A00000/2927A00410	2927A00404 2927A00406 2927A00409
8561B	0000A00000/2925A00158	2925A00404 2925A00152 2925A00154 2925A00156 2925A00158 2925A00160
8562A	2809A02037/2929A04208	2929A04157 2929A04165 2929A04178 2929A04189 2929A04191 2929A04196 2929A04205 2929A04207
8562B	2809A00228/2929A00433	2929A00421