

8560A-28A

S E R V I C E N O T E

SUPERSEDES: 8560A-28

**HP 8560A Portable Spectrum Analyzer**

**Serial Numbers:**

8560A-28A: 3146A01932/3413A02687  
8560E-06A: 0000A00000/3425A01033  
8561E-05A: 0000A00000/3425A00723  
8562A-68A: 3148A06894/3337A07664  
8563A-21A: 3146A00562/3413A02911  
8563E-07A: 0000A00000/3425A00476  
8564E-08: 0000A00000/3425A00182  
8565E-08: 0000A00000/3425A00183

**Duplicate Service Notes:** See Above

**Modification to improve focus reliability**

**Parts Required:**

HP P/N	Description	Quantity
0160-6420	0.0047uf Capacitor	2
1901-1214	Diode, 600V	2

*Continued*

DATE: August 1996

**ADMINISTRATIVE INFORMATION**

SERVICE NOTE CLASSIFICATION:		
<b>MODIFICATION AVAILABLE</b>		
ACTION CATEGORY:	<b>AGREEABLE TIME</b>	<input type="checkbox"/> PERFORMANCE ENHANCEMENT <input checked="" type="checkbox"/> SERVICE/RELIABILITY ENHANCEMENT
LOCATION CATEGORY:	<input checked="" type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> HP LOCATION	AVAILABLE UNTIL: Life of Product
AUTHOR: GPB	ENTITY: 5300	ADDITIONAL INFORMATION:

**Situation:**

The breakdown voltage of two diodes used on the A17 CRT Driver assembly can be exceeded. A possibility exists that, if this voltage is exceeded, the diode may be damaged and focus will be degraded. Using diodes with a higher breakdown voltage will improve focus reliability. Changing the diodes alone, however, can cause the intensity at low levels to flicker.

**Solution/Action:**

Replace A17CR10 and A17CR30 with HP part number 1901-1214. Also replace A17C11 and A17C30 with 0.0047uf capacitors, part number 0160-6420.