

S E R V I C E N O T E

SUPERSEDES

**HP 8568B Spectrum Analyzer  
HP 85680B RF Section**

**Serial Numbers:** 3001A04879 / 9999A99999 and earlier instruments which have had the Fan Assembly Replacement Kit installed. If the fan housing is dark gray, this service note applies.

**RF Section Fan Motor Replacement**

**Duplicate Service Notes:** 8566B-42  
8567A-18

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

**Parts Required:**

HP P/N	Description
85660-60387	Fan Motor Replacement Kit

*Continued*

DATE: kJanuary 1996

**ADMINISTRATIVE INFORMATION**

SERVICE NOTE CLASSIFICATION:		
<b>INFORMATION ONLY</b>		
AUTHOR:	ENTITY:	ADDITIONAL INFORMATION:
BS	5320	

**Situation:**

Fan vendors have changed on the 85660B, 85680B and 85670A RF sections. The latest 50/60 hz cooling fan must have a notch cut into the fan connector cover to accommodate the fan wires. The fan has been rotated 90 degrees in the housing (the fan mounting hardware is unchanged). The fan wire length has been shortened as a result of rotating the fan. The latest fan turns the opposite direction as the one it replaces, although the direction of the air flow through the instrument is unchanged.

**Solution/Action:**

Since the fan needs to be modified (a notch cut into the connector cover), mounted in a slightly different fashion and the wires shortened, a Fan Motor Replacement Kit, HP p/n 85660-60387 has been set up. The kit contains a fan which has the correct length wires attached and the EMI disk installed. The kit also includes an installation note which explains how to mount the fan in the fan housing. The raw fan, HP p/n 3160-0308 will no longer be supplied.