

Supersedes:

None

HP MODEL 8569B SPECTRUM ANALYZER

All Serials

PRECAUTION ON REPLACING A32 YTF ASSEMBLY

When replacement of the Yig-Tuned-Filter Assembly A32 becomes necessary, care must be exercised during installation to prevent failure of the magnet coil within this filter. Terminal A has been known to short to a grounded pad on the RF-IF motherboard. The other end of the coil is connected to -40 volts, and under these conditions the coil fails before fuses blow or power supplies shut down.

Replacement kit 08569-60117, CD = 4, contains a new YTF and heat shrink tubing for proper installation. Before installing the new YTF, bend terminal A slightly toward the center of the YTF, as this will increase the clearance from the motherboard. Slip heat shrink tubing over each of the four wires to be connected to the YTF. Solder the wires to the four terminals as follows:

YTF coil +, color code 98, to terminal A
+26V unreg, color code 903, to terminal B
+26V return, color code 1, to terminal C
YTF coil -, color code 7, to terminal D

After shrinking the tubing over the terminal, install the YTF and reassemble the instrument.

D/OF/WO

02/84-53/MH

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