

S E R V I C E N O T E

SUPERSEDES:

None

HP MODEL 8565A SPECTRUM ANALYZER

Serials Prefixed 2027A and Below

THIRD CONVERTER ASSEMBLY REPLACEMENT KIT

When the third converter assembly has to be replaced in any HP Model 8565A, Serials prefixed 2027A and below, a replacement kit, HP P/N 08565-60188, must be ordered. The physical mounting of the 8565A third converter assembly has been inverted to increase the visibility of the 321.4 MHz bandpass filter adjustments and to improve serviceability.

Parts contained in 08565-60188 Modification Kit

Quantity	Description	HP Part Number	CD
1	Bracket	08565-00123	2
1	Cable Assembly	08565-60059	9
1	3rd Converter	08565-60192	1

PROCEDURE:

1. Remove bottom cover to expose third converter assembly. See Figure 1.
2. Remove both side covers.

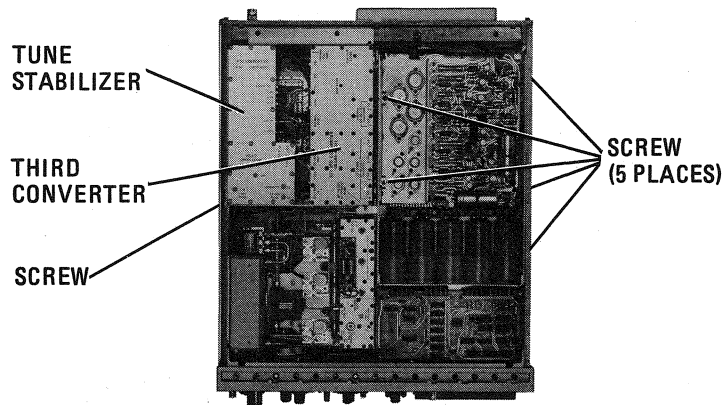


Figure 1

E/OF/WN

6/81-53/BF



FOR MORE INFORMATION, CALL YOUR LOCAL HP SALES OR SERVICE OFFICE or East (201) 265-5000 • Midwest (312) 255-9800 • South (404) 955-1500 • West (213) 970-7500 or (415) 968-9200; OR WRITE, Hewlett-Packard, 1501 Page Mill Road, Palo Alto, California 94304. IN EUROPE, CALL YOUR LOCAL HP SALES OR SERVICE OFFICE OR WRITE, Hewlett-Packard S.A., 7, rue du Bois-du-Lan, P.O. Box, CH-1217 MEYRIN 2 - Geneva, Switzerland. IN JAPAN, Yokogawa-Hewlett-Packard Ltd., 9-1, Takakura-cho, Hachioji-shi, Tokyo, Japan 192.

3. Remove 2 screws from front bracket that holds A37 Third Converter.
4. Remove 1 screw from front bracket that holds A14 Tune Stabilizer.
5. Remove 5 screws that hold down A40 Low Voltage Power Supply Module (See Figure 1).

NOTE

One of these screws has a ground lug and nut. Remove nut first.

6. Swing up Low Voltage Power Supply Module (See Figure 2).
7. Remove screw that holds down right-hand bottom of bracket.
8. Remove screw that holds left side of bracket. Discard bracket.
9. Loosen two screws from rear of Third Converter to disengage Third Converter.

NOTE

Do not remove screws from rear panel. Spacers are used between rear bracket and rear panel and can drop out if screws are removed.

10. Disconnect all wires and cables from Third Converter and remove assembly.
11. Replace old bracket with bracket supplied with kit.
12. Replace screw that holds front of Tune Stabilizer.
13. Swing down Low Voltage Power Supply Module and replace 5 screws, ground lug, and nut removed in Step 5.
14. Remove yellow cable (321.4 MHz) from coax switch, K4, and replace with cable supplied with kit.
15. Connect all wires and cables to new Third Converter supplied with kit and install in its new inverted position between front and rear brackets.
16. Follow adjustment procedure for the Third Converter, Paragraph 5-26 in your HP Model 8565A Operating and Service Manual HP Part Number 08565-90015.
17. Replace all covers. This completes the installation of the new Third Converter.

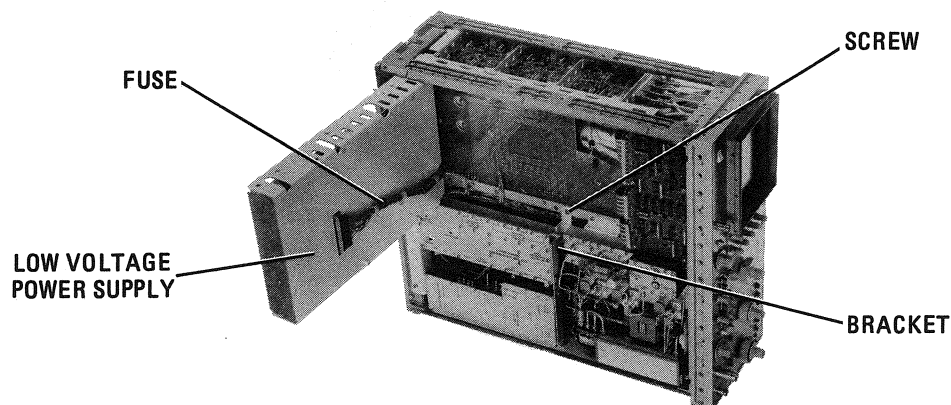


Figure 2