

Supersedes:

None

**HP MODEL 8569B SPECTRUM ANALYZERS****Serial Prefix 2318A and Below****REPLACEMENT OF DISPLAY DRESS PANEL (OPTION 001)**

The Display Dress Panel, HP Part Number 08569-00042, CD = 8, has been discontinued and the new Dress Panel will not fit directly on older instruments. Service kit 08569-60110, CD = 7, has been set up to maintain compatibility with the new Display Dress Panel, HP Part Number 08569-00056, CD = 4, which is included in the Service Kit.

On the old design, the First L.O. Output Connector was mounted on the dress panel. On the new design, the connector is mounted on a sub-panel bracket. This change was made to incorporate the Option 003 and Option 013 L.O. output amplifier.

The procedure for installing the service kit is as follows:

1. Remove the top and bottom covers, top trim strip, the handle next to the CRT, VIDEO FILTER SWITCH knob and securing nut, SCALE INTEN and INTEN knobs, and the CAL OUTPUT connector nut.
2. Remove 4 screws (one on top, two on the side, and one on the bottom) securing the Front Display Panel.
3. Pull the Front Display Panel out enough to gain access to the L.O. Output Cable at the rear of the L.O. Output Connector with an open end wrench, and remove this cable from the connector.
4. Carefully tilt the Front Panel Display out, being sure not to stretch leads. Remove the L.O. Output Connector, 2 nuts securing the Dress Panel studs, and 4 screws securing the A1A1 printed circuit board to its standoffs. Then remove the 4 standoffs from the Dress Panel studs, and remove the dress panel.

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5. Using the parts provided in the service kit, attach the SMA connector to the bracket: place the O-ring inside the connector flange, followed by the two flat washers, the bracket, then the lock washer and nut. Then attach this bracket to the bottom casting frame of the instrument so the existing L.O. Output Cable will mate with the connector. Tighten the cable on the connector with an open end wrench, reaching from behind for access.
6. Assemble the new Dress Panel to the Front Display Panel, and reinstall the standoffs, A1A1 Assembly, CAL OUTPUT connector, and VIDEO FILTER switch.
7. After securing the Front Display Panel to the instrument, install and align the knobs. Replace the covers, handle, and trim strip.

This completes the modification.