

8690

HEWLETT  PACKARD

INTER-OFFICE CORRESPONDENCE

FROM: Microwave Division

DATE: July 26, 1967

TO:

HEWLETT PACKARD
SERVICE SALES DIV.SUBJECT: Incompatibility with RF Units,
Prefix 724- and above.

JUL 28 1967

Instruments: -hp- Model 8690A Sweep
Oscillators, Serials Below
641-00261

DAYTON OFFICE

ADVANCE SERVICE INFORMATION

A recent production change added jumper wires between pins 16 and 10, and pins 32 and 26 of plug P12 on the 8690 RF units and J12 on the mainframe. It turns out that pins 10 and 26 have wires already on them in the 8690A Sweepers, serials below 641-00261. The wires were never used and were deleted from 8690A's serials 641-00261 and above. Any RF unit with prefix 724- and above will not work in an 8690A serial below 641-00261. The indications are no control of sweep or CW operation with the START/CW control and no output on delta F or CW when the ALC button is depressed.

The fix is to modify the 8690A. Proceed as follows:

1. Disconnect power. Remove top cover and RF unit, if installed.
2. Disconnect white-yellow-green wire from push-on connector on the top of mother board in the 8690A. Clip this wire off where it enters cable harness.
3. In cable harness below J12 locate white-brown-yellow wire. Cut out about one inch section of this wire between adjacent turns of cable harness.

Regards,

Dave Widman

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DW:km