

3325A-24

S E R V I C E N O T E

SUPERSEDES: None

HP 3325A Synthesizer/Function Generator

Serial Numbers: 0000A00000 / 2652A25654

Power transformer replacement instructions for standard/option 002

Parts Required:

HP Part No.	Description
-------------	-------------

03325-61645	Cable- HV Opt 002 (W28)
-------------	-------------------------

Situation:

The original power transformer (HP p/n 9100-4099) was replaced with HP p/n 9100-4696. This new transformer was modified so that the HP-IB cable is now an integral part of the transformer (leads from the transformer plug directly into the HP-IB board). Also, the leads from the high voltage winding (used only in 3325A Option 002 instruments) have been eliminated and replaced with solder terminals. Interchangeability issues are involved.

Continued

DATE: 02 February 1993

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:

INFORMATION ONLY

AUTHOR:

ENTITY:

ADDITIONAL INFORMATION:

DAA

A100

Ref PCO: A1-03837

© 1993 HEWLETT-PACKARD COMPANY
PRINTED IN U.S.A.



Solution/Action:

Replacing the power transformer in a Standard 3325A:

1. Install new transformer 9100-4696.
2. Disconnect the old HP-IB cable (W6) from A6P52 and tie it out of the way. Plug in the HP-IB cable, from the transformer, to A6P52.

Replacing the power transformer in a 3325A Option 002:

1. Install new transformer 9100-4696
2. Order a new cable HP p/n 03325-61645 (W28)
3. Cut off the three separate spade terminals on one end of cable 03325-61645.
4. Strip and solder the three cable wires to the transformer solder terminals:
 - Terminal 1: white/yellow/gray lead
 - Terminal 2: black lead
 - Terminal 3: white/brown gray lead
5. Connect the other end of W28 to A8P1.
6. Disconnect the old HP-IB cable (W6) from A6P52 and tie it out of the way. Plug in the HP-IB cable, from the transformer, to A6P52.