

S E R V I C E N O T E

SUPERSEDES: NONE

6623A Multiple Output System DC Power Supply

Serial Numbers: 0000A00000 / 3305A03220

Replacement of Power modules U338 and U339 with new design requires isolation of the heatsink from chassis ground**To Be Performed By:** Agilent-Qualified Personnel**Parts Required:**

P/N	Description	Qty.
5060-3567	Hybrid/Heatsink Assembly	2
0515-0906	Mach Screw, M4	4
2190-0421	Flat Washer	4
5040-1672	Sleeve Bushing	4

Situation:

The Power hybrids U338 and U339 have been changed to an assembly of discrete parts mounted on the heatsink.

Continued

DATE: June 1994

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:

INFORMATION ONLY

AUTHOR:

DF

ENTITY:

2100

ADDITIONAL INFORMATION:



Solution/Action:

In early units (up to serial number 3037A-01260) there were two individual hybrids, p/n 06624-80003, that were internally electrically isolated and mounted on a single heatsink.

Between serial numbers 3044A-01261 and 3306A-01950 hybrid 06624-80015 was used. This hybrid was not isolated from the heatsink. The heatsink was isolated from the chassis by two sleeve bushings. A separate heatsink was used for each of the two hybrids.

In either configuration, if one hybrid fails, both hybrids and the heatsinks are replaced with the above parts. In the new assembly, the heatsink is a part of the hybrid assembly.

After the replacement, the unit should be tested following the performance test described in Chapter 3 of the Service Manual. The hybrids will not affect the alignment of the supply.