

## S E R V I C E N O T E

SUPERSEDES: None

**6834A AC SOURCE/ANALYZER**

**Serial Number:** 0000A00000 / 9999A99999  
 US00000000 / US99999999

**Switching Amplifier Assembly Compatibility****Duplicate Service Notes:**

6814A-05  
 6814B-05  
 6834A-06  
 6834B-06  
 6843A-06

**To Be Performed By:** Agilent-Qualified Personnel**Situation:**

Switching power amplifier assemblies, A1, A2 or A3, having different part numbers and/or revision letters, cannot be used together within the same AC source.

**Solution:**

If replacement of individual amplifier assemblies is required, the part numbers and revision letters on all other amplifier(s) installed must be checked and, if necessary, replaced with amplifier assemblies having the same part number and revision letter.

*Continued*

DATE: October 1999

## ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:

**INFORMATION ONLY**

AUTHOR:

PS

ENTITY:

2100

ADDITIONAL INFORMATION:



Checking the part number and revision letter:

- 1) On any new amplifier assembly to be installed, disregard any part number affixed to the assembly.
- 2) Look for the California Instruments part number and revision letter handwritten in ink on the edge of the heatsink.
- 3) Make note of this number and revision letter and compare it to the number and revision on the other installed amplifier assembly(ies)
- 4) If the number and revision on the installed amplifier assembly(ies) does not match the new assembly, the installed amplifier assembly(ies) must also be replaced with the newer part.

Example with a 6834B:

One amplifier assembly, A2, has been found to be defective and requires replacement. If the new replacement amplifier assembly for A2 is marked with California Instruments part number 5001-425-1 Rev B. and the remaining amplifier assemblies, A1 and A3, are marked 5001-412-1 Rev C, all amplifiers must be replaced with the newer part having part number 5001-425-1 Rev B.

**Note:**

The 6814A(B) has two switching power amplifiers and the 6834A(B) and 6843A have three. At the time of writing, the latest California Instrument part number is 5001-425-1 Rev B for use in the 6814A(B) and the 6834A(B). The latest part number for the 6843A is 5001-402-2-Rev F.