

S E R V I C E N O T E

SUPERSEDES: 37721A-07

37721A Digital Transmission Analyzer

Serial Numbers: 3015U00101 / 3150U01057

Instructions on Replacing the Power Supply

Situation:

There are two different Power Supplies used in the 37721A. Instruments with serial numbers in the above range are fitted with Power Supply part number 0950-2040.

Instruments with serial numbers higher than the above are fitted with Power Supply part number 0950-2242.

NOTE

This part is now the recommended replacement for all 37721A units as the older Power Supply is no longer available.

Solution/Action:

In the event of a replacement Power Supply being required, proceed as follows:

1. Order part number 0950-2242.
2. Remove the Power Supply from the 37721A after identifying which type is fitted (compare the rear panel layout with figures 1 and 2).

Continued

DATE: July 1995

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:		
INFORMATION ONLY		
AUTHOR:	ENTITY:	ADDITIONAL INFORMATION:
GH	1400	

3. If the newer type was fitted, (Figure 2) simply fit the new PSU as a reversal of the removal procedure.
4. If the older type was fitted, (Figure 1) you will need to transfer the line input connector from this to the new PSU before this can be fitted into the instrument.

Transfer Procedure:

1. With the old PSU Assembly on the bench, unsolder the wires from the Line Input Socket to the PCB Assembly. These are:

Black wire from the hold marked "B" on the PCB and white wire from the hold marked "M" on the PCB. Also unscrew the tag securing the green/yellow wire from the PCB to the metal bracket.

2. Remove the two screws which secure the Line Input Socket metal bracket to the PCB Assembly and place this bracket/socket to one side.
3. Repeat steps 1 and 2 for the bracket/socket on the new PSU Assembly.
4. Fit the old bracket/socket on the new PSU assembly and secure with the two screws.
5. Solder the wires from the old socket into the new PCB in the same position as before.

The modification is now complete and the modified Power Supply Assembly can be fitted into the 37721A as before.

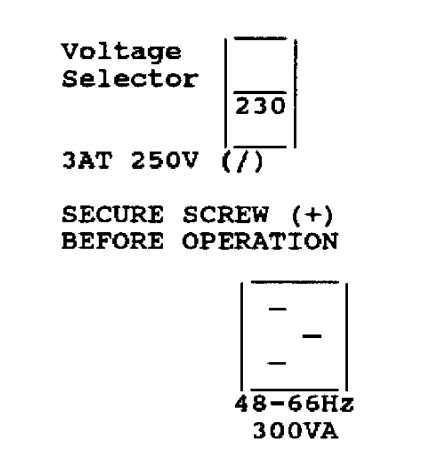


Figure 1

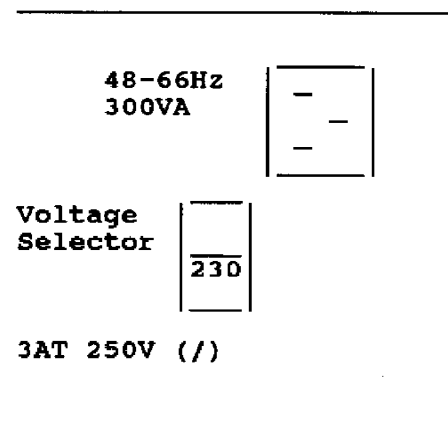


Figure 2