

4027: BAD LOT DATES ON HIGH VOLTAGE TRIPLER

The high voltage tripler P/N 152-0712-00 with lot dates 7847 and 7848 has been found to be defective. No instruments have been shipped with the defective parts. Please check all stock areas for these two lot dates and return to Beaverton at delivery station 70-899.

--Marty DeVall
63-503, Ext. 3927

4027: MECHANICAL CLEARANCE MAY CAUSE 5V SUPPLY TO CURRENT LIMIT

Reference: 4027 Service Manual Vol. 2 P/N 070-2832-00
4027 Power Supply Board P/N 670-5651-01

Minimum mechanical clearance of the right side of L251 between the back of the Power Supply Circuit Board and the stud mounted to the Power Supply chassis may cause the 5V supply current to limit, thus resulting in the terminal displaying a "RESET" message. The Power Supply Board being slightly warped or the soldered lead of L251 projecting out too far from the back side of the circuit board will make this condition worse.

The Power Supply Board will be relayed out to correct for this condition. If this condition is suspected in existing instruments you can correct it by; shortening the lead of L251 on the back side of board, and place insulating tape on stud mounted to chassis adjacent to L251.

--Marty DeVall
63-503, Ext. 3927

4052/54 DIAGNOSTIC ROMPAK (067-0900-00) FIRMWARE UPGRADE

The 4052/54 Diagnostic ROMPAK has been upgraded to Version 1.4. This upgrade is needed in order to check instruments with Version 4.1 and above firmware, and adds the ability to check 4054 Option 30 memory.

The mod consists of replacing PROMs U101 and U111. The two new PROMs can now be ordered, the part numbers are 160-0381-01 and 160-0382-01, and are direct replacements for the existing parts.

U101 goes from a 160-0381-00 to a 160-0381-01
U111 goes from a 160-0382-00 to a 160-0382-01

The circuit card goes from a 670-6124-01 to a 670-6124-02.

(continued on the following page)

4052/54 DIAGNOSTIC ROMPAK (067-0900-00) FIRMWARE UPGRADE (CONTINUED)

The new CRC for the ROMPAK (one CRC for both PROMs) is D4B6, make the appropriate changes in the 067-0900-00 Diagnostic ROMPAK Manual - P/N 061-1990-00.

"FOR U.S. ONLY"

The old PROMs can be returned for credit, use the Interplant Packing Slip (Figure 1), fill out the "FROM" section but do not fill out the "TO" section. Return the old PROMs to Factory Service 93/186, ATTN: Thelma Bergerson.

000-0793-00

INTERPLANT PACKING SLIP DO NOT FILL IN

INTERPLANT PACKING SLIP		RECEIVED BY		EXT.	TRANSACTION CODE	TO		RESPONSIBILITY NO.	CC	ACCT. NO.
93/186										
SENT FROM DEL. ADDRESS		PREPARED BY		EXT.	IDENTITY NUMBER	FROM		RESPONSIBILITY NO.	CC	ACCT. NO.
XX-XXX		XXXXXX		XXXX				XXXX	XX	XXXX

614514

DATE		ITEM NUMBER	UNIT OF MEASURE	QUANTITY	REMARKS	COMPLIANT	FOR MATERIAL CONTROL USE	
✓	STORAGE LOCATION						QUANTITY "HOT"	
		160-0381-00	ea.	1.0				
		160-0382-00	ea.	1.0				

Figure 1

--Frank Lees
63/503, ext. 3929

4054 GPIB ERROR

Two different instances of GPIB error have been observed in the field on the 4054 Graphics System. The problem in both cases was the same, DI03 and DI04 of J106 were switched. The location of these two wires are in positions 3 and 4 of J106, on the I/O Board. The color code for each wire is DI03 - 9-3, DI04 - 9-4.

If there are any problems with the GPIB on a 4054 please check these wires. There has been a test implemented in Manufacturing to catch this error.

--Darrell McGiverin
63/503, ext. 3786