



Display

Video Products Technical Bulletin 30-2004-003

DATE: **January 12, 2004**SUBJECT: **EXCESSIVE CURRENT IN DF CIRCUIT BLOWS
FUSIBLE PROTECTION RESISTORS**MODEL: **PVM-20L2**
PVM-20L2

SERIAL NO:

PVM-20L2 2,000,001-2,000,760

PVM-20L2 ***2,500,001-2,500,050****Italicized information in green applies to
customers outside the United States.***DESCRIPTION**

If the board holder that secures the G board on the bottom cabinet touches the D510 bias diode in the DF circuit of the G board, D510 may break. As a result, excessive current enters the final amp in the DF circuit and may blow the fusible protection resistors R534 and R536.

The current runs through the final transistors Q504 and Q505 at a rating level of 37.5% (maximum current of 1.5A, absolute current of 4A); therefore, the transistors are not damaged.

To correct this condition and protect the fusible resistors, perform the following modification procedure.

PARTS REQUIRED

Part No.	Description	Qty.
1-249-393-11	Res, FPRD, 1/4W, 10Ω	2
8-719-073-01	Diode, MA111 (D510)	1

ORDERING INFORMATION

To order upgrades or for regional service center and parts ordering information, refer to the following document, which lists all contact telephone numbers:

Technical Bulletin 001999000

DPM003-018

MODIFICATION PROCEDURE

1. Remove:
 - Top and rear cover
 - G and Q block assembly
 - G board
2. Facing the rear of the monitor, cut out a section of the right board holder that secures the G board to a size measuring 10 mm long, 5 mm wide, and 3 mm deep. (See Figure 1.)

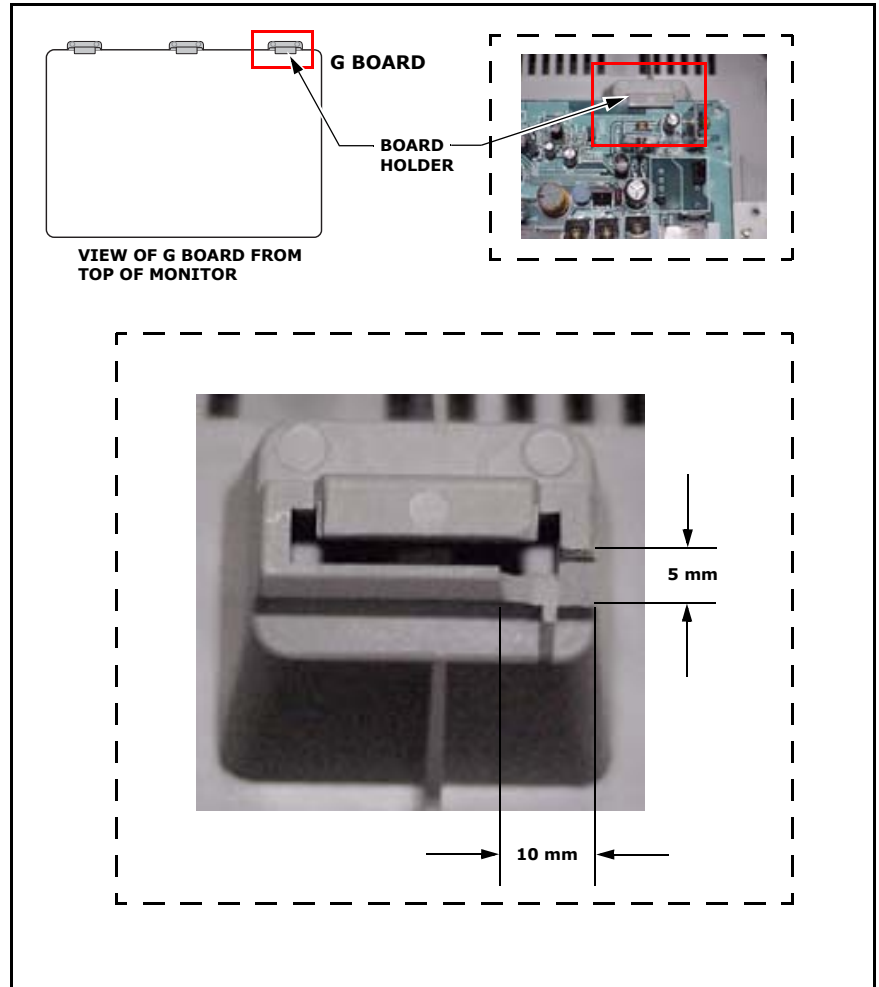


Figure 1

G Board (Side B)

3. Replace D510 (zone L-10) with a new diode.
4. Replace R534 and R536 (zone K-9) with new 10 Ω resistors.