



Display

## Video Products Technical Bulletin 30-2009-041

DATE: March 30, 2009

SUBJECT: DAMAGE TO VIDEO OUTPUT IC

MODEL: PVM-14L5  
PVM-20L5  
PVM-D14L5  
PVM-D20L5

SERIAL NO: ALL

**DESCRIPTION**

The VIDEO OUTPUT IC may be damaged in monitors that have had the modifications described in the following technical bulletins implemented on them:

Tech Bulletin	Subject
30-2004-096	DAMAGE TO VIDEO OUTPUT IC
30-2003-149	DAMAGE TO VIDEO OUTPUT IC

To prevent damage to the video output IC, perform the following modification procedure during regular or periodic maintenance.

**PARTS REQUIRED**

Part No.	Description	Qty.
8-759-680-01	IC, TDA6120Q	3
8-719-051-85	Diode, HSS83	3
1-517-712-11	Discharge Gap	1

**ORDERING INFORMATION**

To order parts online, go to: <http://www.sony.com/servicesplus>.  
For service or parts ordering assistance, refer to the following document, which lists all contact telephone numbers:

Technical Bulletin 00-1999-000

**MODIFICATION PROCEDURE****C Board (Side B)**

1. Replace IC701, IC702, and IC703 (VIDEO OUTPUT ICs) with new ICs (TDA6120Q).
2. Add three protection diodes to the ICs as shown in Figure 1. If the diodes are already installed, replace the diodes with new ones.

Solder the diodes between:

IC701 pin 10 . . . IC701 pin 12

IC702 pin 10 . . . IC702 pin 12

IC703 pin 10 . . . IC703 pin 12

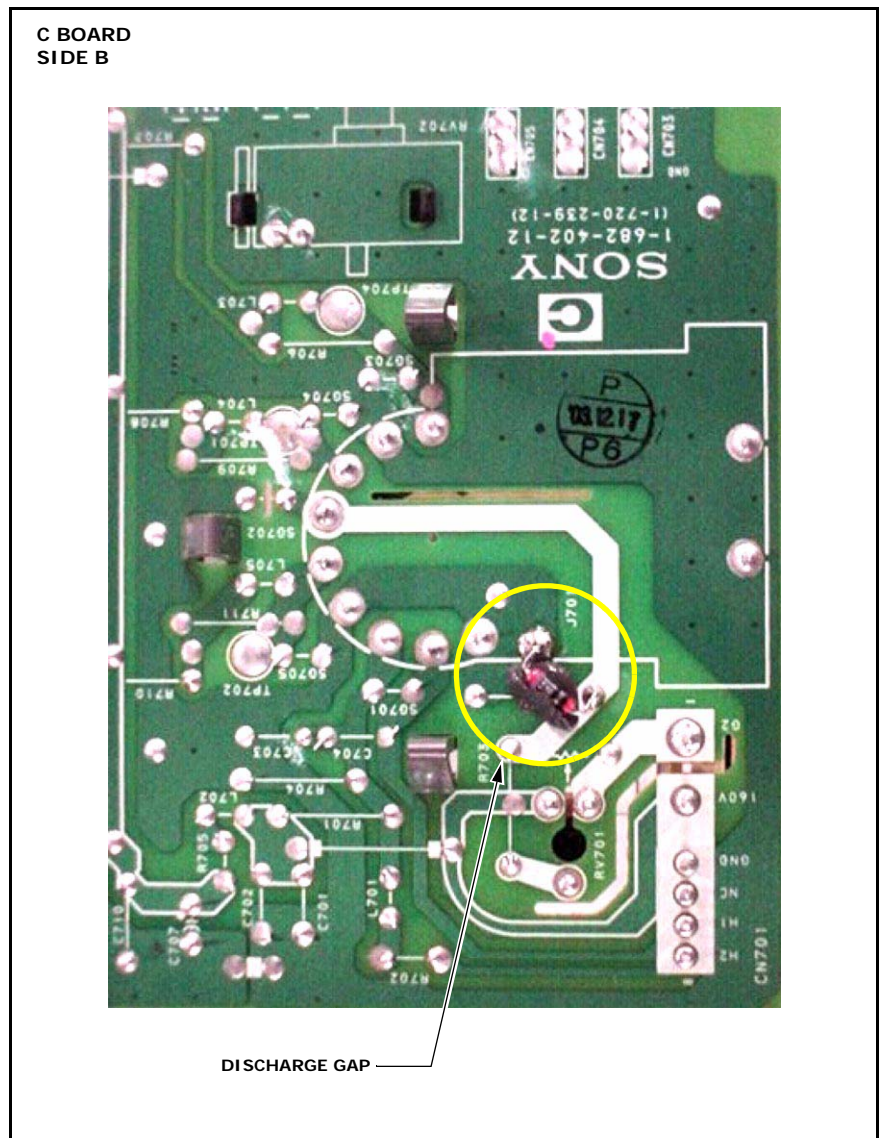
**NOTE:** Solder the cathode of the diode to pin 10.

DPM008-050



4. Solder a discharge gap between G2 and GND. If a discharge gap is already installed, replace it with a new one. (See Figure 2.)

**NOTE:** Maintain a clearance of 1 mm or more between the discharge gap and the board, and avoid contact with the board. Maintain a height of 7 mm or less from the board.



**Figure 2**

5. Secure the discharge gap to the board with RTV.