



Video Products Technical Bulletin 30-2003-188R

DATE: **February 9, 2004**

SUBJECT: **NO PICTURE OR DARK PICTURE; DAMAGED HEATER IC609**

MODEL: **PVM-14L3**
PVM-14L4
PVM-14L4/7C
PVM-14L5
PVM-14L5/1
PVM-20L4
PVM-20L4/7C
PVM-20L5
PVM-20L5/1
PVM-D14L5A
PVM-D20L5A

DESCRIPTION

The heater regulator IC609 may become damaged by a short between pins 2 and 3 due to a discharge in the CRT. The result is no picture or a dark picture.

During repair or regular periodic maintenance, perform the following modification procedure.

PARTS REQUIRED



Part No.	Description	Qty.
8-759-592-79	IC609 BA00AST	1*
1-164-232-11	Cap, B, Chip, 0.01 µF/50V	1

* Some units do not require the new IC, which was installed in production units as of August 2002. See step 1.



SERIAL NO:

PVM-14L3 2,000,001-2,001,320
PVM-14L4 2,000,001-2,007,164
PVM-14L4/7C 2,800,001-2,800,150
 PVM-14L5 2,000,001-2,000,996
 PVM-14L5/1 2,100,001-2,103,130
PVM-20L4 2,000,001-2,003,547
PVM-20L4/7C 2,800,001-2,800,050
 PVM-20L5 2,000,001-2,000,810
 PVM-20L5/1 2,100,001-2,102,049
PVM-D14L5A 2,000,001-2,000,466
PVM-D20L5A 2,000,001-2,000,256

Italicized information in green applies to customers outside the United States.

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

MODIFICATION PROCEDURE



G Board (Side A, Zone D-5)

- For the following units only, replace IC609 with a new BA00AST IC.

Model	Serial No.
<i>PVM-14L3</i>	<i>2,000,001-2,000,655</i>
<i>PVM-14L4</i>	<i>2,000,001-2,002,845</i>
PVM-14L5	2,000,001-2,000,996
PVM-14L5/1	2,100,001-2,100,210
<i>PVM-20L4</i>	<i>2,000,001-2,001,420</i>
PVM-20L5	2,000,001-2,000,810
PVM-20L5/1	2,100,001-2,100,060
<i>PVM-D14L5A</i>	<i>2,000,001-2,000,166</i>
<i>PVM-D20L5A</i>	<i>2,000,001-2,000,121</i>

DPMO03-040R

G Board (Side B, Zone D-4)

2. To prevent a short circuit between IC609 pins 2 and 3, solder a 0.01 μ F capacitor between IC609 pin 1 and the negative (-) side of C632.