



Display

## Video Products Technical Bulletin 30-2003-184

DATE: **October 6, 2003**SUBJECT: **DAMAGE TO HORIZONTAL OUTPUT  
TRANSISTOR**

MODEL: ***BVM-D14H1A***  
***BVM-D14H1E***  
***BVM-D14H1U***  
***BVM-D14H5A***  
***BVM-D14H5E***  
***BVM-D14H5U***

SERIAL NO:

*BVM-D14H1A* 2,000,001-2,000,115  
*BVM-D14H1E* 2,000,001-2,000,249  
 BVM-D14H1U 2,000,001-2,000,293  
*BVM-D14H5A* 2,000,001-2,000,253  
*BVM-D14H5E* 2,000,001-2,000,231  
 BVM-D14H5U 2,000,001-2,000,986

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

**DESCRIPTION**

The mode set for the S correction capacitor may become abnormal (capacitor is set in high frequency mode while horizontal frequency is set at low frequency), resulting in damage to the horizontal output transistor.

This condition occurs when the input signal frequency is changed rapidly (for example 15 kHz to 33 kHz to 45 kHz) due to a delayed unlock signal input from the deflection jungle IC.

**PARTS REQUIRED**

Part No.	Description	Qty.
1-126-960-11	Cap, 1 $\mu$ F/50V	1
1-216-097-11	Res, Chip, 100 k $\Omega$	1*

\* Required only if R1574 is 10 k $\Omega$  See step 2.

**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**

1. Replace C1532 (2.2  $\mu$ F, side A, zone C-2) with a new 1  $\mu$ F capacitor.
2. If R1574 (side B, zone C-1) is 10 k $\Omega$ , replace R1574 with a new 100 k $\Omega$  resistor.

**NOTE:** See Technical Bulletin 30-2000-259, "TROUBLE WITH H OUT TRANSISTOR WHEN SWITCHING INPUT FORMATS."

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