



Display

Date: **June 18, 2001**

Subject: **WHITE BALANCE DRIFT**

Model: **BVM-D24E1WE, BVM-D24E1WU  
 BVM-D32E1WE, BVM-D32E1WU**

Serial No: **SEE TEXT**

*Italicized information in green applies to Europe, Middle East and Africa.*

**DESCRIPTION**

In units with 1,000 to 4,000 hours of total operation, white balance may drift within 15 minutes of powering the unit on.

Example:

(x, y, Y 20IRE): (302, 345, 2.50) → (302, 296, 1.92)

Leakage may occur in the CRT. The amount of leakage is proportional to voltage between G1 and the cathode. This affects the white balance stabilizer circuit and may cause loss of white balance.

To correct or prevent white balance drift, perform the following modification procedure.

**PARTS REQUIRED for BVM-D24E1 Series**

Part No.	Description	Qty.
A-1136-025-B	BK Board	1
A-1331-958-B	C Board	1

**PARTS REQUIRED for BVM-D32E1 Series**

Part No.	Description	Qty.
A-1136-108-B	BK Board	1
A-1332-074-B	C Board	1

**MODIFICATION PROCEDURE**

(See Table 1.)

1. Replace the former BK board with a new BK board.

**NOTE:** Before replacing the former BK board, make note of the G2 REF value. The same G2 REF value must be entered in the new BK board as described in step 2b under the Confirmation heading.

2. Replace the former C board with a new C board.

3. Perform the modification procedures described in the following technical bulletins.

- 302001107
- 302001105

**Table 1**

Model	Board	Former P/N		New P/N
BVM-D24E1 Series	BK	A-1136-025-A	→	A-1136-025-B
	C	A-1331-958-A		A-1331-958-B
BVM-D32E1 Series	BK	A-1136-108-A		A-1136-108-B
	C	A-1332-074-A		A-1332-074-B

**NOTE:**

- Former and new boards are not compatible. Use BK boards with suffix -B or later in combination with C boards with suffix -B or later. No picture displays if boards are used in incorrect combinations.
- See Figures 1 and 2 for schematic board changes.

**CONFIRMATION**

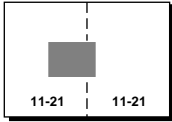
1. Confirm that the picture displays properly.

**NOTE:** The retrace line should not be visible.

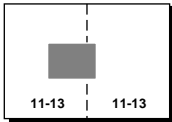
2. Perform the following adjustment:

- a. Open MAINTENANCE MENU → BK BOARD MENU → G2 REF.
- b. Enter the original G2 REF value from the former BK board in the new BK board.
- c. Allow the unit to warm up for a minimum of 30 minutes.
- d. Execute the /SETUP/EXTEND MENU/ADJ INT SIGNAL menu.
- e. Execute the /SETUP/CONTROL PRESET ADJ/AUTO menu for each input format used.
- f. Perform STD color temperature adjustment.

**NOTE:** If COL1 and COL2 are utilized, perform color temperature adjustment.



**BVM-D24E1WU, MAINTENANCE MANUAL, 1<sup>ST</sup> EDITION**  
**SECTION 11 DIAGRAMS**  
**BK BOARD**



**BVM-D32E1WU, MAINTENANCE MANUAL, 1<sup>ST</sup> EDITION**  
**SECTION 11 DIAGRAMS**  
**BK BOARD**

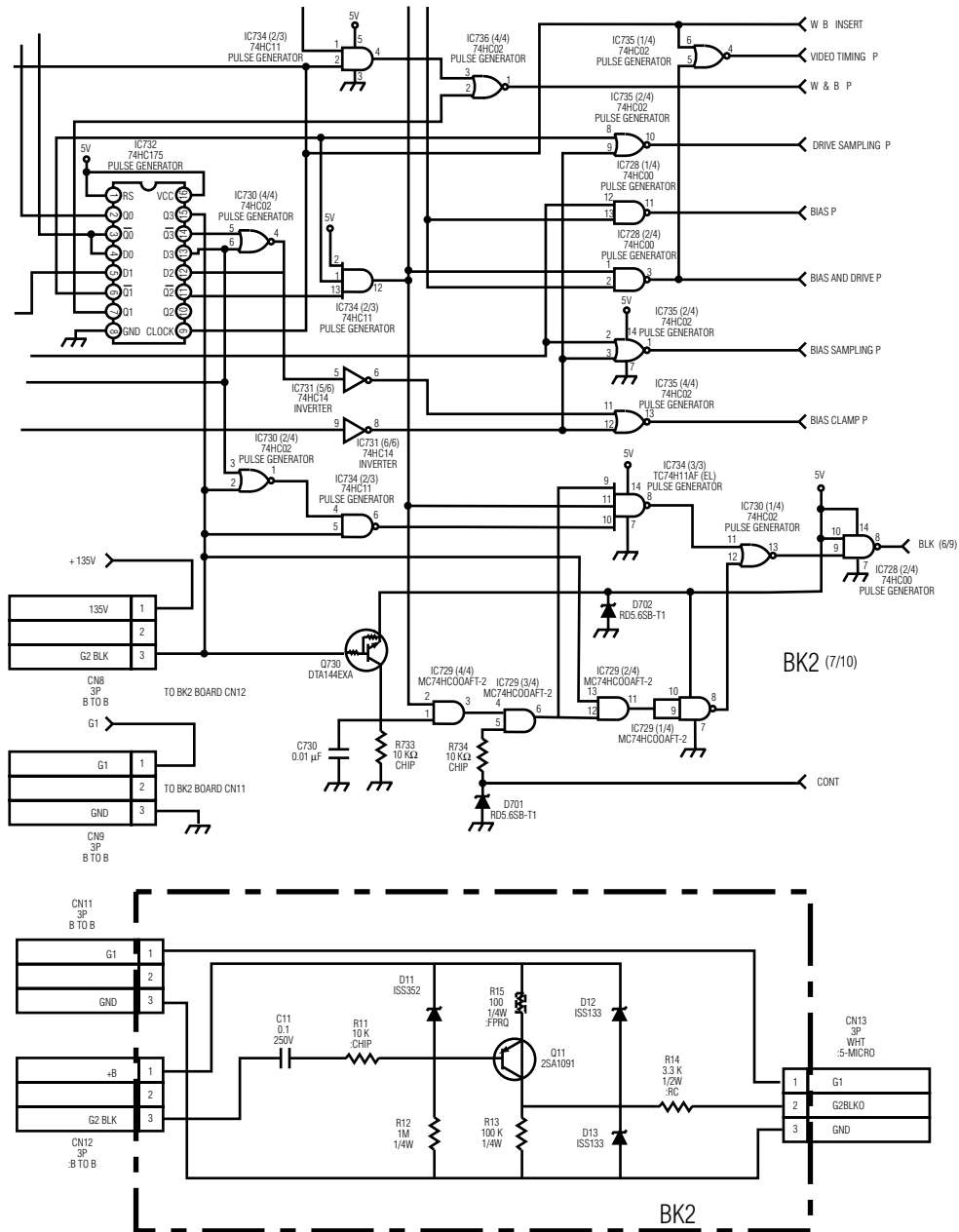
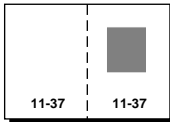
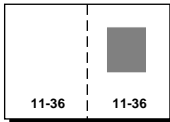


Figure 1



BVM-D24E1WU, MAINTENANCE MANUAL, 1<sup>ST</sup> EDITION  
SECTION 11 DIAGRAMS  
C BOARD



BVM-D32E1WU, MAINTENANCE MANUAL, 1<sup>ST</sup> EDITION  
SECTION 11 DIAGRAMS  
C BOARD

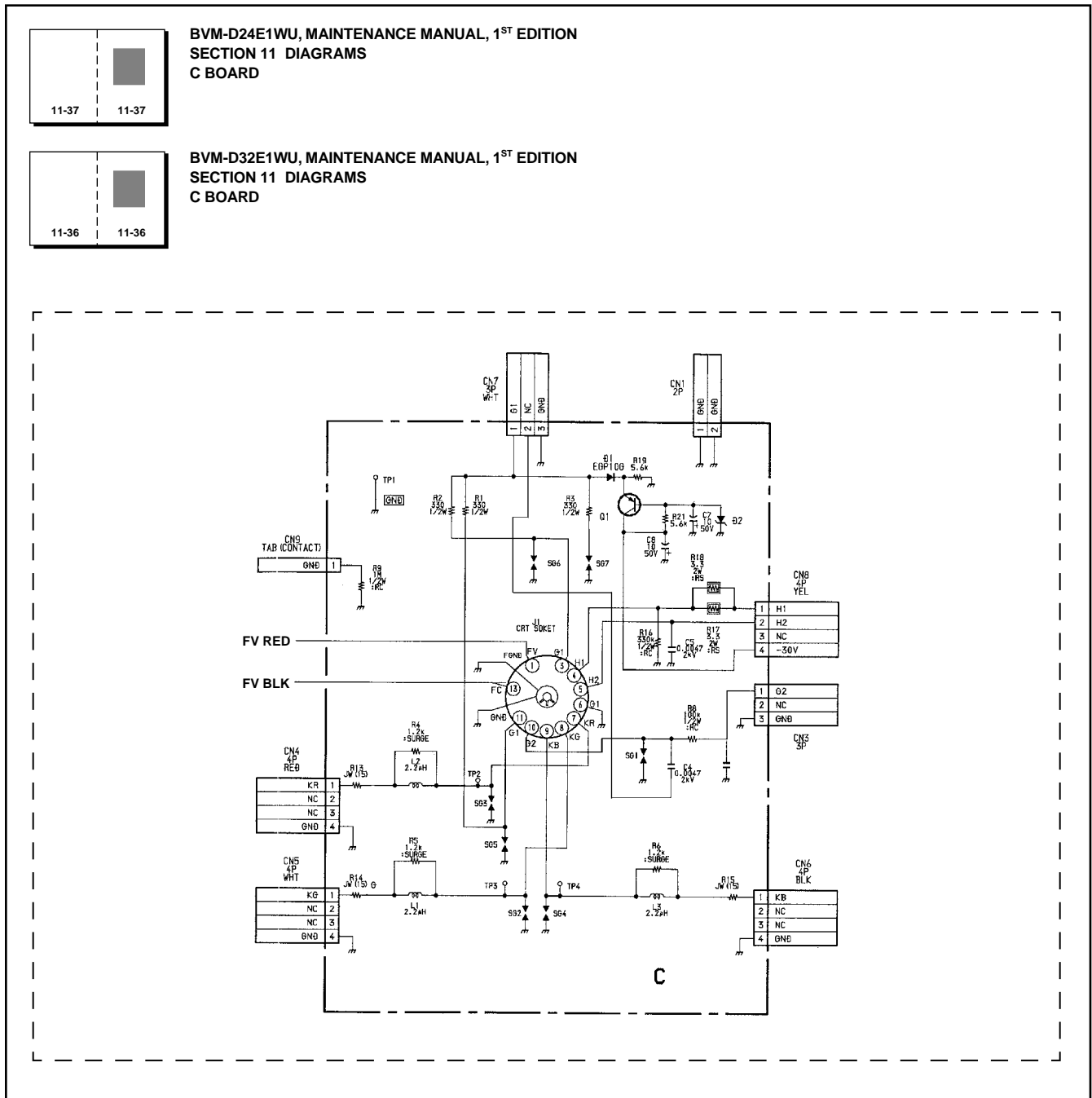


Figure 2

**ORDERING INFORMATION**

**NOTE:** 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

**SERIAL NUMBERS**

BVM-D24E1WE	2,000,001-2,000,155
BVM-D24E1WU	2,000,001-2,000,295
BVM-D32E1WE	2,000,001-2,000,023
BVM-D32E1WU	2,000,001-2,000,072

Canadian Customers: Order parts from your usual supplier.