



**Display**

Date: **June 28, 1999**

Subject: **MODIFICATION: A BOARD WITH SUFFIX -C**

Model: **PVM-14N1U, PVM-14N2U, PVM-20N1U  
PVM-20N2U, SSM-14N2U, SSM-20N1U**

Serial No: **6,000,001–6,006,068 (PVM-14N1U)  
6,000,001–6,003,310 (PVM-14N2U)  
6,000,001–6,002,387 (PVM-20N1U)  
6,000,001–6,001,383 (PVM-20N2U)  
6,000,001–6,004,629 (SSM-14N1U)  
6,000,001–6,001,969 (SSM-20N1U)**

**DESCRIPTION**

The stock of the A board with suffix -A/-B has been depleted. A new board with suffix -C is substituted. However, the A board with suffix -C must be modified to replace the A board with suffix -A/-B. Use modification procedure below to replace the suffix -A/-B A board with suffix -C.

**PARTS REQUIRED**

Part No.	Description	Qty.
1-216-642-11	Res, 430Ω, 14-inch Monitor	3
1-216-646-11	Res, 620Ω, 20-inch Monitor	3

**MODIFICATION PROCEDURE**

1. Change resistors R351, R361, and R370 on A board.

14-inch Monitor	20-inch Monitor
510Ω → 430Ω	680Ω → 620Ω

2. Turn on power and enter Service mode. Change data as follows.

**No. 24 BCLTHR: ABL Starting Point.**

14-inch Monitor	20-inch Monitor
00CA → 0082	013E → 00E5

**No. 25 BCLTM: Leading Time of ABL action after change of Beam Current**

14-inch Monitor	20-inch Monitor
0007 → 0005	0007 → 0005

**No. 26 BCLG: ABL Gain after ABL becomes active.**

14-inch Monitor	20-inch Monitor
0808 → 0805	0809 → 0805

**No. 29 EHT: Amount of Zooming Correction of V.SIZE**

14-inch Monitor	20-inch Monitor
unchanged	002A → 0033

**No. 30 BHTTM: Zooming Correction Time of V.Size**

14-inch Monitor	20-inch Monitor
unchanged	0006 → 0003

3. Perform adjustments below according to Service Manual.

- a. Basic Adjustment (Landing, Convergence, DY Rotation, G2, White Balance, Focus)
- b. Deflection Adjustment

Model	Board
PVM-14N1U	A-1297-543-C
PVM-14N2U	A-1297-546-C
PVM-20N1U	A-1297-544-C
PVM-20N2U	A-1297-545-C
SSM-14N1U	A-1297-593-C
SSM-20N1U	A-1297-592-C