



Display

Date: **January 24, 2000**

Subject: **PINCUSHION DISTORTION AND GRAY PICTURE**

Model: **BKM-103**

Serial No: **2,000,001-2,001,070**

DESCRIPTION

In a monitor with BKM-103 installed, if pincushion distortion and/or gray picture occurs at start-up and disappears when monitor is restarted, perform the following modification procedure.

NOTE: If the CPUs of the monitor and the BKM-103 are started up at the same time, the data in the bus may become corrupt.

PARTS REQUIRED

Part No.	Description	Qty.
8-759-536-95	μPD78014FYCW-W33	1
1-216-073-00	Resistor, 10kΩ	1
1-164-161-11	Capacitor, 2200pF	1

MODIFICATION PROCEDURE

**BKM-103, M Board
 Side B (See Figure 1.)**

1. Replace the following components with new ones:
 - IC1201
 - R1201 (33kΩ→10kΩ)
 - C1202 (1μF→2200pF)
2. Remove resistor R1200 (56Ω).
3. Remove IC1200 (5V regulator).
4. Solder jumper (35mm) between CN1201 pin 8 and former location of R1200 as shown.
5. Solder jumper (25mm) between former locations of IC1200 (OUT) pin 1 and R1200 as shown.
6. Apply bond to secure jumper wires to board.

Also required: 25mm and 35mm jumper wires

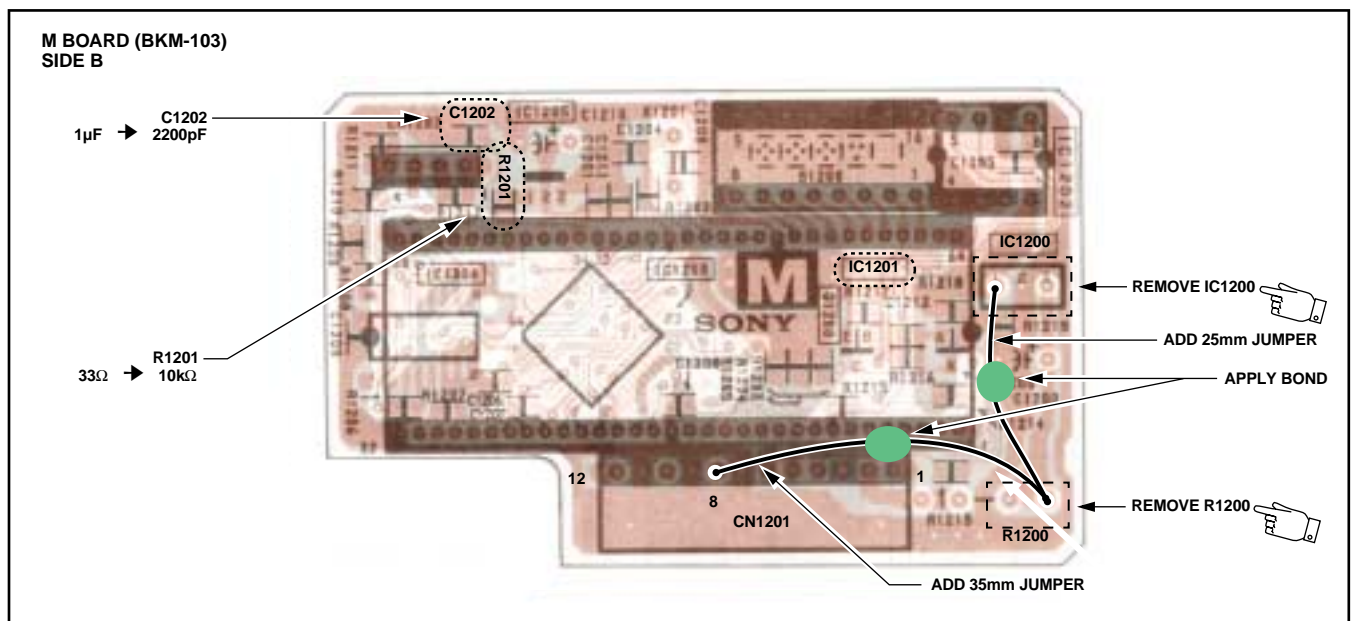


Figure 1