

Display

Date: **July 11, 1994**

Subject: **CORRECTING PHASE ADJUSTMENT**

Model: **PVM-1351Q/1354Q/1954Q**

Serial No: **2,000,001–2,002,200 (PVM-1351Q)**
2,000,001–2,002,800 (PVM-1354Q)
2,000,001–2,001,900 (PVM-1954Q)

DESCRIPTION

Performing phase control adjustments to the NTSC signal from the SUB CONTROL screen (in the USER CONFIG 1 menu) may cause other signal phases to change as well. To prevent this occurrence, a new EPROM (IC101) is available as a replacement part.

NOTE: Replace IC101 *only* after determining the unit does not already have the new IC installed. In units with the V5.3a EPROM:

- a round white label is on the model name plate, and
- in the service mode, the version number displayed on the lower left of the screen is "5.3a."

Former	New	
IC101 μPD78013YCW-Y03 (V5.3) 8-759-196-71	→	IC101 μPD78013YCW-Y03 (V5.3a) 8-759-287-40

INSTALLATION/VERIFICATION

1. Remove shield case.
2. Replace IC101 on the A board (component side, zone B-2).
3. Press each of the following switches:

A/RGB	B/COMPONENT	C/SDI
LINE/RGB	EXT SYNC	DEGAUSS
BLUE ONLY	UNDER SCAN	H/V DELAY
16:9		

- Verify that each LED lights.
 - Verify that corresponding ON/OFF and switching of signals function normally.
4. Input the following signals, and verify that deflection, W/B, and color function normally:

NTSC 3.58, PAL, SECAM, RGB, COMPONENT

5. Verify the following menu items:
 - AUTO ADJUST, under CHROMA SETUP, is functional
 - CAPTION VISION items can be displayed
 - ACC ON/OFF is operative
 - NTSC SETUP 0/7.5 is switchable
6. Short the circuit between pins 10 and 17 on the REMOTE terminal and verify that REMOTE LED on front panel is lit.
7. Enter service mode, and verify that "Ver. 5.3a" is displayed on lower left of screen.