

**Display**

Date: **September 18, 1995**

Subject: **FLICKER, WHITE BALANCE CHANGE**

Model: **PVM-8040**

Serial No: **2,000,001-2,012,000**

**DESCRIPTION**

At reception of a video signal with VITS, a flicker or undulation of brightness occurs in the picture. When the upper right portion of the video picture is bright, white balance changes. To correct this problem, perform the following modification procedure.

**PARTS REQUIRED**

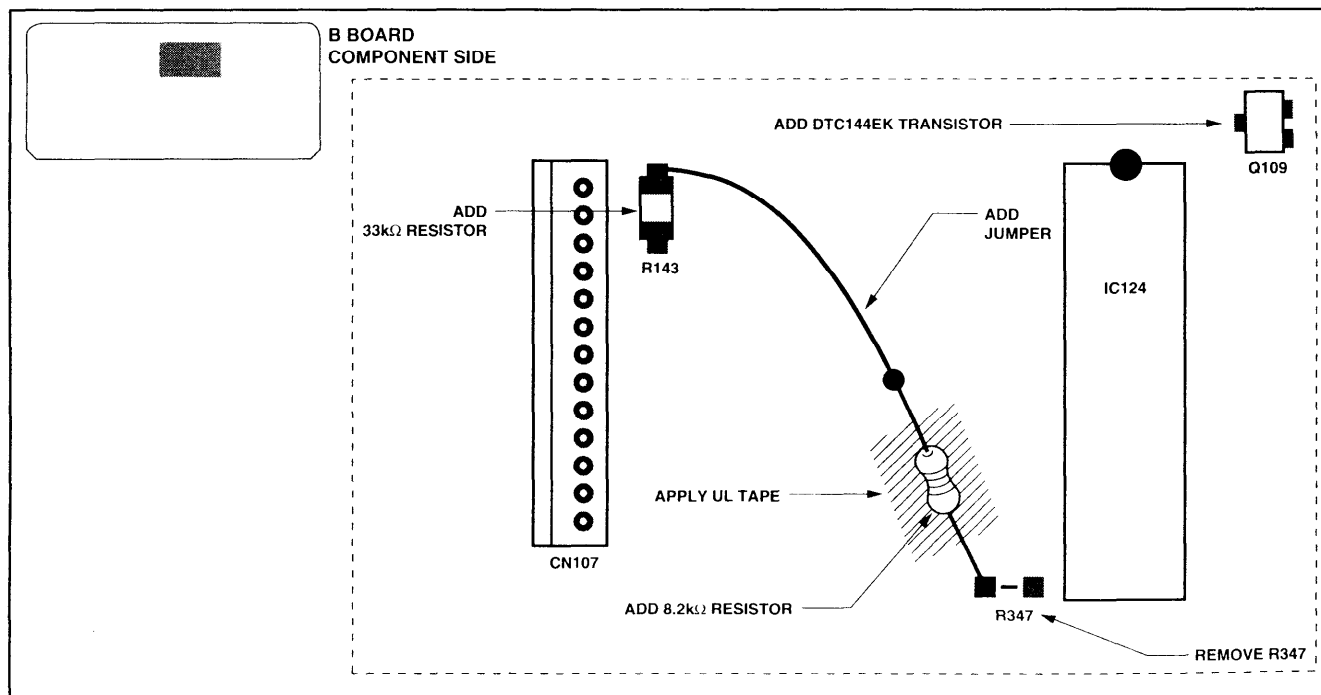
Part No.	Description	Qty.
8-729-901-01	DTC144Ek Transistor (Q109)	1
1-216-085-00	33kΩ Resistor, Chip	1
1-247-853-11	8.2kΩ Resistor, Carbon	1

**MODIFICATION PROCEDURE**

**B Board, Component Side (See Figure 1.)**

1. On upper right side of IC124 (near R129, R369), solder DTC144EK transistor to the Q109 trace.
2. On right side of CN107, solder a 33kΩ resistor to the R143 trace.
3. Remove R347 (lower left side of IC124).
4. Solder 8.2kΩ resistor between R347 and R143 (shown in Figure 1). Add jumper wire for extension.
5. Apply UL tape to 8.2KΩ resistor to protect components.

The before and after modification is shown on the B Board Schematic drawing in Figure 2.



**Figure 1**

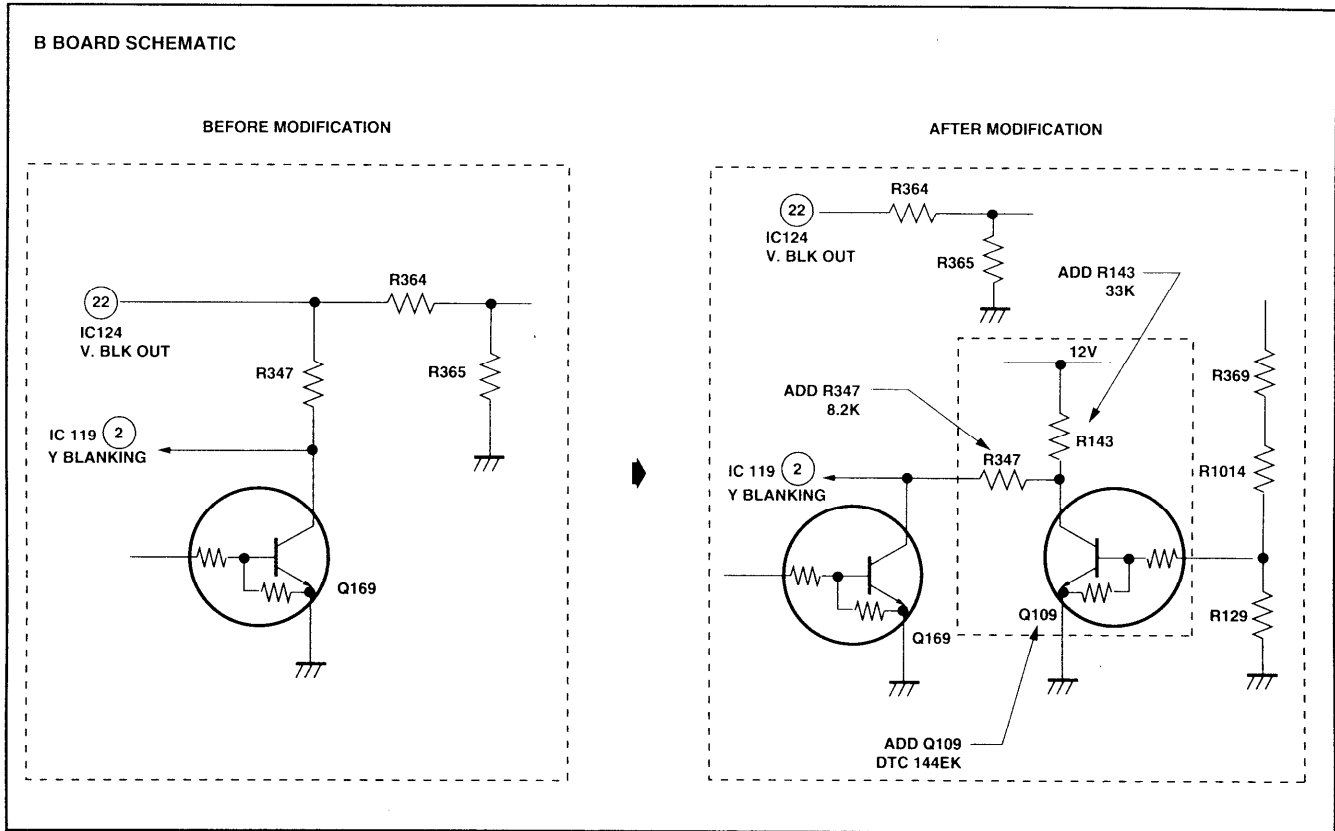


Figure 2