



Camera

Date: July 9, 2001

Model: BKM-24N

Subject: LIGHT BLUE AT B/W SIGNAL
 RECEPTION

Serial No: ALL

DESCRIPTION

When receiving a black and white NTSC signal with burst, if the MONO switch is turned on and off in a dark scene, ripples from the power line may enter the B-Y signal in the B-Y amplifier, causing a change of color temperature in the RGB matrix circuit. If this occurs, perform the following modification procedure.

Example: When the values of x, y and Y are measured with a MINOLTA color analyzer, the values are as follows:

- MONO OFF (283, 298, 2.75)
- MONO ON (290, 318, 2.76)

PARTS REQUIRED

Part No.	Description	Qty.
1-107-823-11	Cap, Chip, 0.47 μ F/16V	1
1-249-417-11	Res, 1 k Ω , Carbon	1

MODIFICATION PROCEDURE

BN Board, Side B (See Figure 1.)

1. Remove the shield plate from the back of the BN board.
2. Cut trace leading from the base of Q747.
3. Solder a 0.47 μ F/16V chip capacitor between the base of Q747 and the 12V bus of R774.
4. Solder a 1 k Ω resistor between the base of Q747 and the ground of C1220.
5. Apply Sony bond as indicated.

ADJUSTMENT/CONFIRMATION

Required: NTSC Signal Generator

1. Input a color bar signal, and execute the auto control preset adjustment.
2. Turn the MONO switch on and off, and confirm that the color temperature does not change.

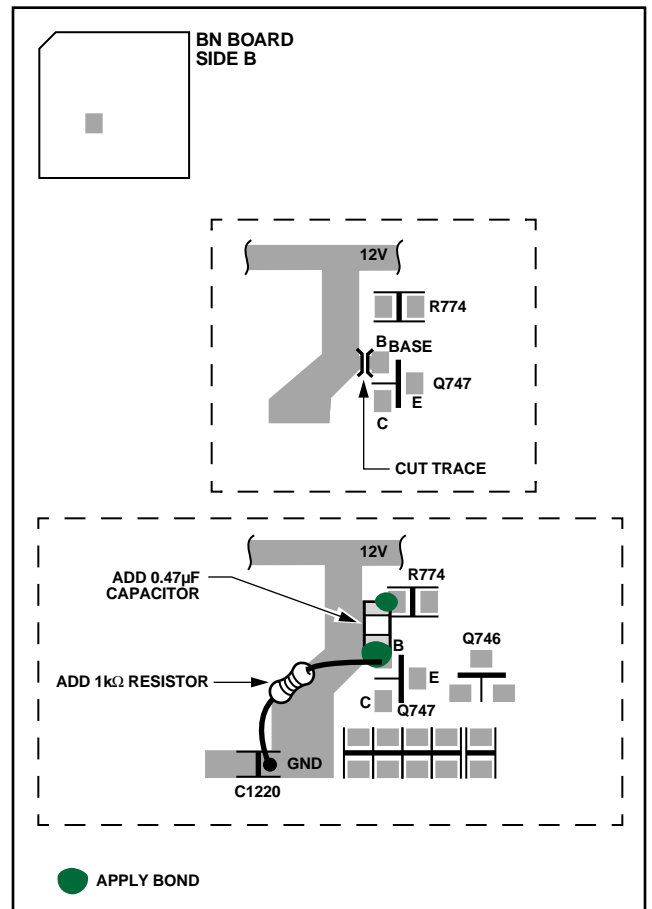


Figure 1

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

Canadian customers: Please order parts from your usual supplier.