



Display

Date: **June 15, 1998**

Subject: **CORRECTING NOISE AND PICTURE LOSS**

Model: **BKM-21D**

Serial No: **2,002,450–2,004,629**

DESCRIPTION

When the unit is installed in a BVM Evergreen Series video monitor and a D2 NTSC signal is received, white horizontal stripe noise may occur or the picture may disappear at startup or in a low temperature environment. In such cases, the piggyback boards beneath IC101, IC104, and IC106 may malfunction.

To correct this condition, use the DPR terminal (pin 31) of IC127 (side A, A-12) for detection of SDI signal input, instead of the DPR OUT terminals (pin 23) of IC101, IC104, and IC106, by performing the following modification procedure.

NOTE:

- This condition does not occur when the unit receives D2 PAL and D1 (4:2:2) signals.
- A 40mm jumper wire is required for this modification procedure.

MODIFICATION PROCEDURE

**BD Board (Side A)
 (See Figure 1.)**

1. Ensure that piggyback boards are mounted beneath IC101, IC104, and IC106 on the BD board (zones A-6, B-6, and C-6, respectively).

NOTE: Implement this modification only if these piggyback boards are mounted on the BD board.

2. Using tweezers or pliers, remove the piggyback BD1 board mounted on the BD board.
3. Cut a trace leading from pin 13 of IC113 (zone B-13) as shown in Figure 1, inset.
4. Solder a jumper between pin 3 of IC810 (zone B-12) and the land near IC113 as shown in Figure 1, inset.
5. Reinstall the BD1 board.

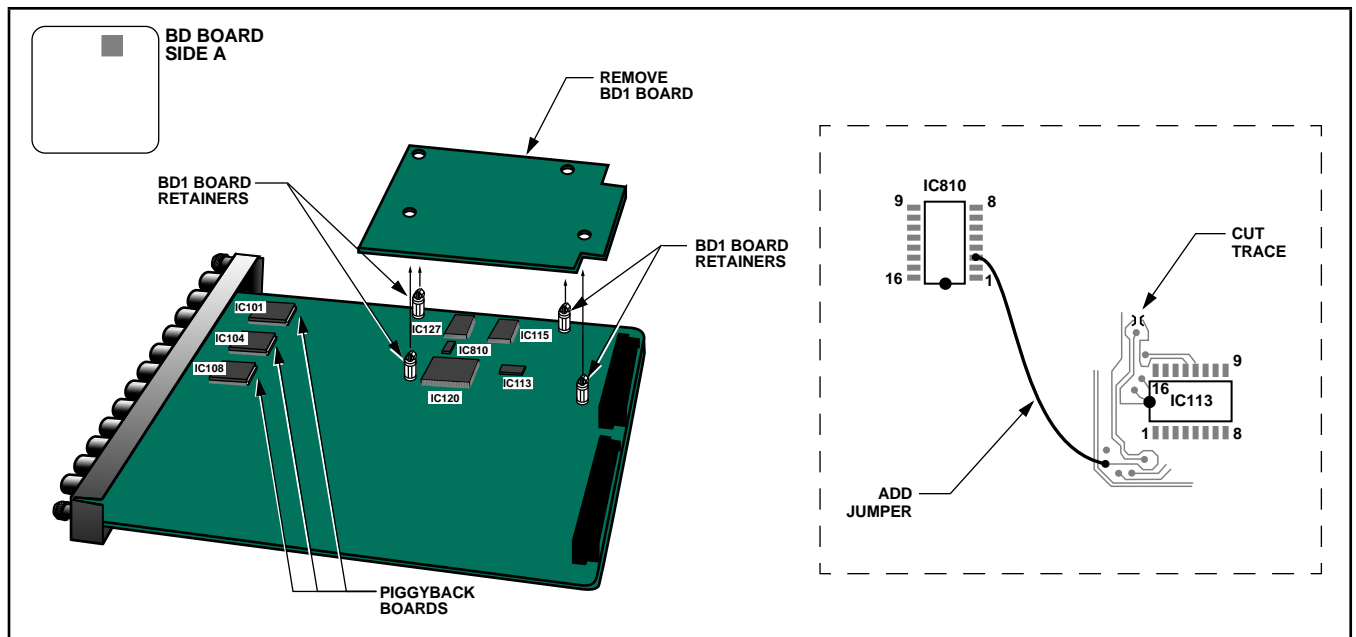


Figure 1