



Video Products Technical Bulletin 30-2009-179

DATE: **October 5, 2009**SUBJECT: **LOSS OF SYNCHRONIZATION AT RECORDING
AND PLAYBACK OF INTERNAL COLOR BARS**MODEL: **DXF-51//K4**

SERIAL NO:

DXF-51//K4 114,432-119,351

DESCRIPTION

When the internal color bars signal is recorded and played back on the viewfinder of a camcorder (such as DSR-390, DSR-500, DSR-570), the playback signal or viewfinder loses synchronization when an external video signal (such as RET Video) is selected for browsing.

PARTS REQUIRED

Part No.	Description	Qty.
1-216-817-91	Res, Chip, 470Ω	1
1-164-230-91	Cap, Chip, 220 PF	1

ORDERING INFORMATION

To order parts online, go to: www.sony.com/servicesplus. For service or parts ordering assistance, refer to the following document, which lists all contact telephone numbers:

Technical Bulletin 00-1999-000

MODIFICATION PROCEDURE

VF-81B Board (Side B)

1. Cut the trace between C229 and R245. (See Figure 1.)

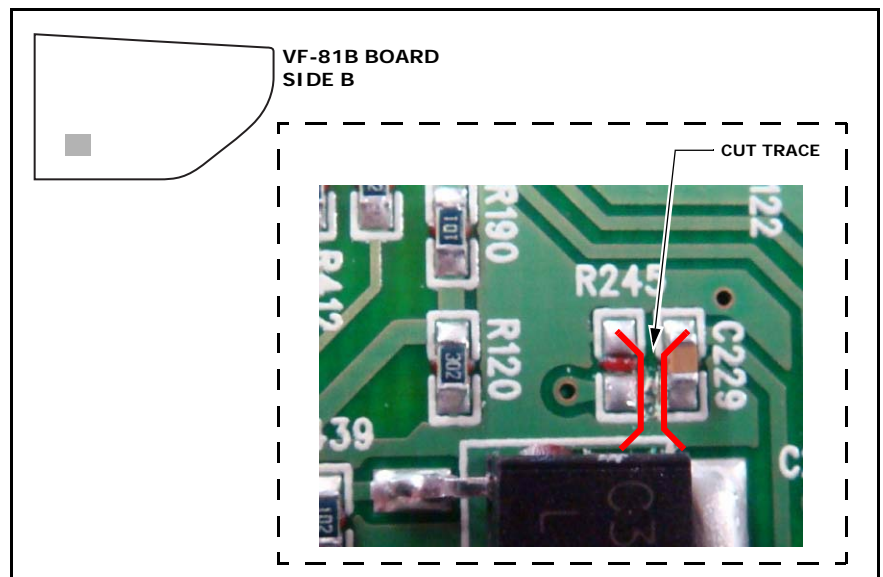


Figure 1

DXCM08-003R

2. Use a VOM to confirm that the trace is completely cut and the circuit is open.
3. Solder a 470 Ω resistor between C229 and the pad reserved for R245. (See Figure 2.)
4. Confirm that the resistance between pads is 470 Ω .
5. Solder a 220 pF capacitor parallel to C230. (See Figure 2.)

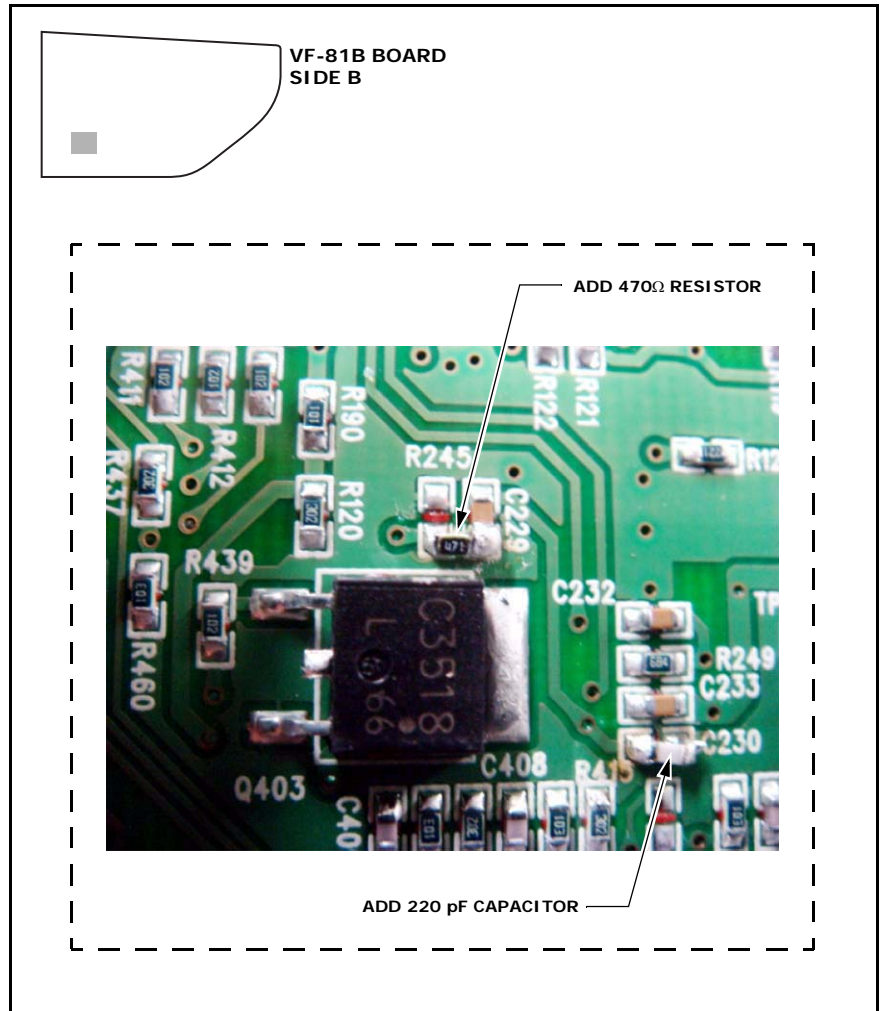


Figure 2

CONFIRMATION

Confirm that the viewfinder does not lose synchronization when internal color bars (INT CB) is recorded and played back with the camcorder.