



Camera, VTR

Date: **September 6, 1999**

Subject: **IMPROVEMENT IN AUTO PIXEL RESTORATION**

Model: **DNW-7, DNW-7P, DNW-9WS, DNW-9WSP
DNW-9WS/0, DNW-9WSP/0, DNW-90
DNW-90P, DNW-90WS, DNW-90WSP**

Serial No: **SEE TEXT**

DESCRIPTION

Due to certain anomalies in the auto pixel restoration (APR) circuits, the following symptoms may occur:

- APR does not function correctly—RPN will not be corrected even if auto black balance (ABB) is performed several times.
- White dot(s) can be seen on monitor.
- White dot(s) can be seen on monitor when FLD/FRM is switched.
- White dot(s) can be seen with gain up.

To correct these symptoms, perform the following modification procedure.

PARTS REQUIRED

Part No.	Description	Qty.
8-759-447-77	TC7WH74FU	1

Model	Serial Nos.
DNW-7	10,001–10,525
DNW-7P	40,001–41,070
DNW-9WS/0	1,001–1,047
DNW-9WSP/0	4,001–4,070
DNW-9WS	10,001–10,060
DNW-9WSP	40,001–40,110
DNW-90	10,001–10,068
DNW-90P	40,001–40,135
DNW-90WS	10,001–10,108
DNW-90WSP	40,001–40,365

MODIFICATION PROCEDURE

DNW-7 Series

- Replace IC16 on BC-25 board (zone B-2, side B) with new IC.

DNW-9WS/90/90WS Series

- Replace IC25 on BC-26 board (zone B-2, side B) with new IC.

Adjustment

Perform ABB several times and ensure that white dots cannot be seen on the monitor.

CAUTION: Rework of surface-mount devices requires specialized equipment and skills. Sony Regional Service Centers (see below) are available to perform the necessary modification.

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