



CORRECTION OF SERVICE MANUAL

Date: Aug.23,2004 No.: SCH04010 (1/3)

MODEL No. S/M No. PG MODEL No. S/M No. PG

See to following list

Please correct your service manual

Please substitute the new pages attached after this page for the pages of each service manual as follows.

<u>MODEL No.</u>	<u>S/M No.</u>	<u>PG</u>
DVR-220-S/KU/CA	RRV2925	70
DVR-220-S/KUXQ/CA	RRV2925	70
DVR-220-S/KUXU/CA	RRV2925	70
DVR-225-S/KUXU/CA	RRV2925	70
DVR-220-S/WVXX	RRV2958	78
DVR-220-S/WYXX	RRV2958	78
DVR-220-S/WYXX/SP	RRV2958	78
DVR-220-S/WYXU	RRV2958	78
DVR-320-S/KCXU	RRV2924	72
DVR-320-S/KUXU	RRV2924	72
DVR-320-S/WVXX	RRV2964	80
DVR-320-S/WYXX	RRV2964	80
DVR-320-S/WYXU	RRV2964	80
DVR-520H-S/KU/CA	RRV2963	77
DVR-520H-S/KUXU/CA	RRV2963	77
DVR-65H-S/KCXU	RRV2963	77
DVR-520H-S/WVXX	RRV2979	82
DVR-520H-S/WYXX	RRV2979	82
DVR-520H-S/WYXU	RRV2979	82
DVR-720H-S/WVXX	RRV2979	82
DVR-720H-S/WYXX	RRV2979	82

PIONEER SERVICE NETWORK CORPORATION

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Memo: SMC05H009 YI,62

7.1.3 DOWNLOAD METHOD

<<PURPOSE>>

In order to coordinate each program for the system-CPU, tuner-CPU, and drive in the DVD recorder and to maintain the product performance. Since there are two kinds (disk download and serial download), please take the download method properly according to the purpose.

The download is necessary in the following cases;

- ① After model settings
- ② When "NG" is displayed on first screen (version information, etc.)

1. DISC DOWNLOAD METHOD

<<NECESSARY INSTRUMENTS>>

- ① DOWNLOAD DISC
- ② REMOTE CONTROL FOR SERVICE (GGV1381)

<<ATTENTION>>

- ① Each program is downloaded by this method, with initial setting data and a user's setting data held.

However, the following data is eliminated after downloading.

* disc history data, previous recording mode, last channel (before turn unit off)

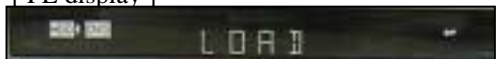
- ② **Be sure NOT to turn off the unit during downloading !!**

If the unit is turn off during downloading, the CPU programs for system, tuner and drive may not be properly overwritten, in this case the unit may not be able to initialize itself when turned on again.

<<PROCEDURE>>

- ① Press "open/close" button to open a disc tray in DVD function and put the download disc on the tray.
 - ② DVR-320-S: Press and hold "DISC NAVIGATOR" button, then press "DVD" button on a front panel.
DVR-520H-S, DVR-720H-S: Press and hold "STOP" button, then press "DVD" button on a front panel.
- ◆ After loading the programs from disc, the disc is automatically ejected.

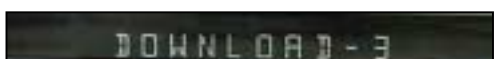
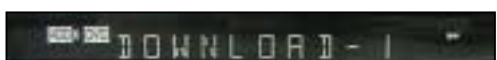
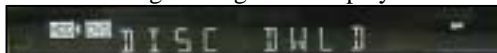
[FL display]



◆ Also "downloading ***" is displayed on TV screen.

- ③ Take out the download disc.

The following messages are displayed on FL for each download step.



◆ This screen is displayed only when tuner-CPU is flash ROM type.

◆ After download is completed, the tray closes and the unit is turned off automatically.

⌚ It takes 5 minutes until download is completed.

- ④ Turn on the unit, and press and hold "ESC" then press "DISP" on the remote for service to check the firmware version on service mode screen.
- ⑤ Check it is the firmware version which downloaded.
- ⑥ Press "ESC" of the remote for service to exit the service mode.

◆ <<Other Information>>

* When the unit cannot be turned on,
re-download the firmware after fixing the unit with reference to the information below.

- ① When the unit terminates abnormally while "DOWNLOAD-1" is displayed on FL
The program for system-CPU may not operate normally.
Replace the flash ROM, when you cannot re-download by the disc or serial communication.
- ② When the unit terminates abnormally while "DOWNLOAD-2" is displayed on FL
The program for DVD-R/RW drive may not operate normally.
Replace the DVD-R/RW drive, when you cannot re-download by the disc or serial communication.
- ③ When the unit terminates abnormally while "DOWNLOAD-3" is displayed on FL
The program for tuner-CPU may not operate normally.
Replace the tuner-CPU, when you cannot re-download by the disc or serial communication.