FIRMWARE RENEWAL MODE

1. Turn the power on and remove the disc on the tray.
2. To put the DVD player into version up mode, press [9], [8], [7], [6], and [SEARCH MODE] buttons on the remote control unit in that order. The tray will open automatically.

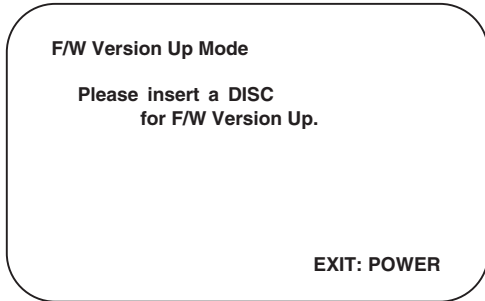   Fig. a appears on the screen and Fig. b appears on the VFD.

```
F/W Version Up Mode

    Please insert a DISC
        for F/W Version Up.




                    EXIT: POWER
```

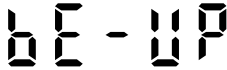Fig. a Version Up Mode Screen

```
bE-UP
```

Fig. b VFD in Version Up Mode

The DVD player can also enter the version up mode with the tray open. In this case, Fig. a will be shown on the screen while the tray is open.

3. Load the disc for version up.
4. The DVD player enters the F/W version up mode automatically. Fig. c appears on the screen and Fig. d appears on the VFD.
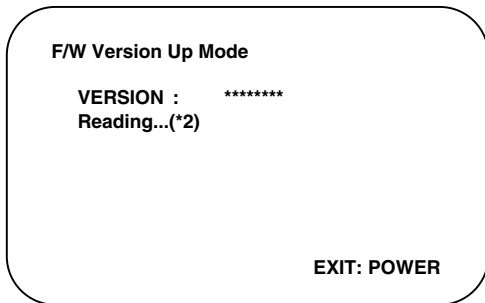
```
F/W Version Up Mode

    VERSION :        ********
    Reading...(*2)




                    EXIT: POWER
```

Fig. c Programming Mode Screen

```
1.223
```

Fig. d VFD in Programming Mode (Example)

The appearance shown in (*2) of Fig. c is described as follows:

No.	Appearance	State
1	Reading...	Sending files into the memory
2	Erasing...	Erasing previous version data
3	Programming...	Writing new version data

5. After programming is finished, the tray opens automatically. Fig. e appears on the screen and the checksum in (*3) of Fig. e appears on the VFD. (Fig. f)
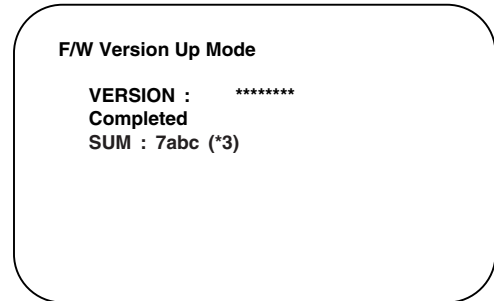
```
F/W Version Up Mode

    VERSION :        ********
    Completed
    SUM : 7abc (*3)




```

Fig. e Completed Program Mode Screen

```
7AbC
```

Fig. f VFD upon Finishing the Programming Mode (Example)

   At this time, no buttons are available.

6. Unplug the AC cord from the AC outlet. Then plug it again.
7. Turn the power on by pressing the power button and the tray will close.
8. Press [1], [2], [3], [4], and [DISPLAY] buttons on the remote control unit in that order.
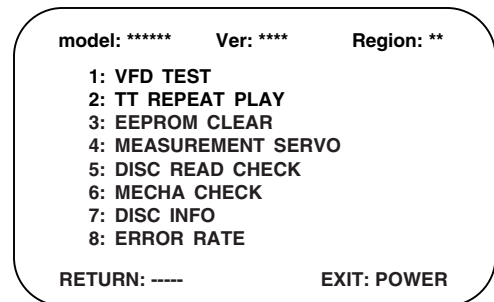
   Fig. g appears on the screen.

```
model: ******      Ver: ****       Region: **

        1: VFD TEST
        2: TT REPEAT PLAY
        3: EEPROM CLEAR
        4: MEASUREMENT SERVO
        5: DISC READ CHECK
        6: MECHA CHECK
        7: DISC INFO
        8: ERROR RATE

RETURN: -----            EXIT: POWER
```

Fig. g

9. Press [3] button on the remote control unit.

   Fig. h appears on the screen.

```
model: ******      Ver: ****       Region: **

    TEST 3: EEPROM CLEAR
    EEPROM CLEAR: OK




RETURN: -----            EXIT: POWER
```
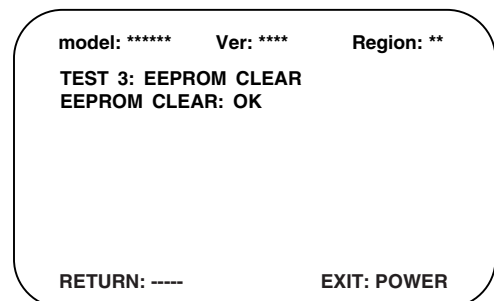
Fig. h

10. To exit this mode, press [POWER] button.