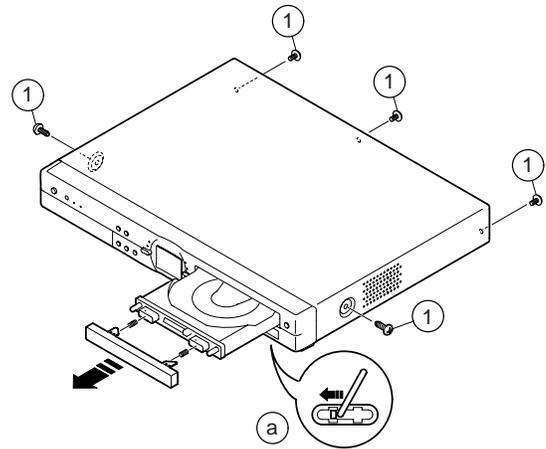


5. DISASSEMBLY METHOD

5-1. DISASSEMBLY METHOD

(1) Removing the top cabinet

1. Remove five screws ①.
2. Slide back the top cabinet by 10 mm and remove upward.

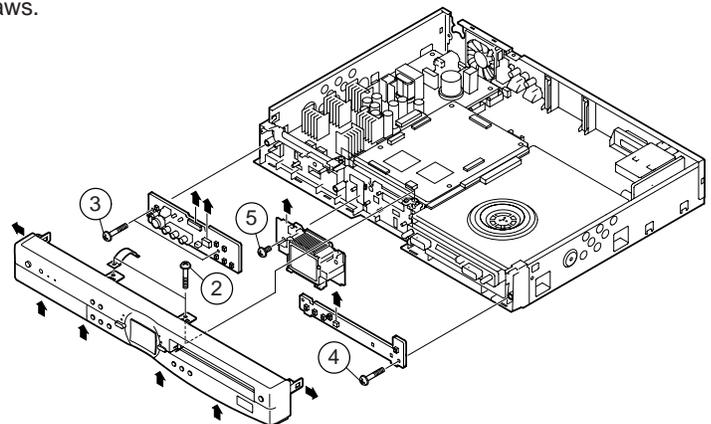


(2) Removing the panel

1. Push a protruding part shown in ①a at the bottom with a screwdriver, etc.
2. Remove the tray decoration assembly (detach springs from four claws on the backside of the tray).
3. Remove two screws ② and spring.
4. Pull the panel to remove as detaching from the eight claws.

(3) Removing the operation PWB and LCD PWB

1. Remove the FFC and four harnesses.
2. Remove two screws ③, a screw ④ and a screw ⑤.
3. Pull each PWB to remove.

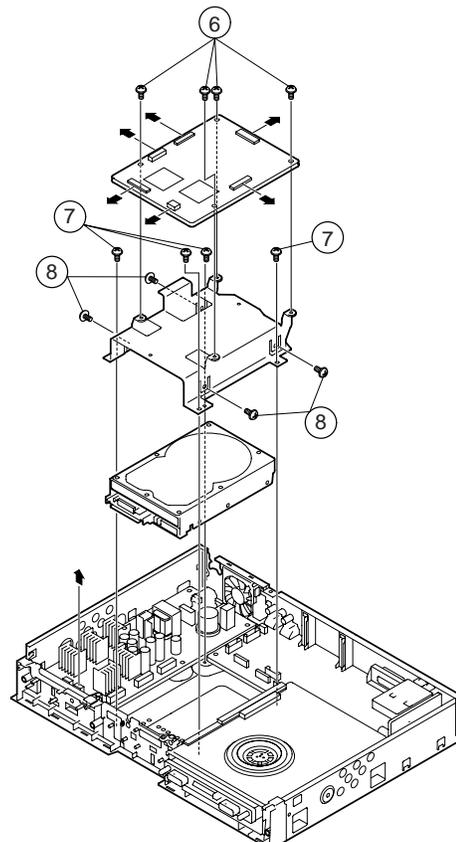


(4) Removing the main PWB

1. Remove four screws ⑥.
2. Remove the FFC and six harnesses.
3. Remove the main PWB upward.

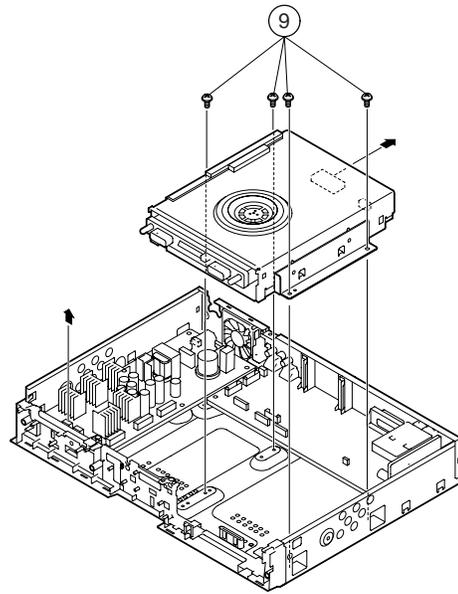
(5) Removing the HDD unit

1. Remove four screws ⑦.
2. Remove the HDD unit (with the angle) upward.
3. Remove four screws ⑧.
4. Remove the HDD unit.
5. Disconnect the flat cable and power cable.



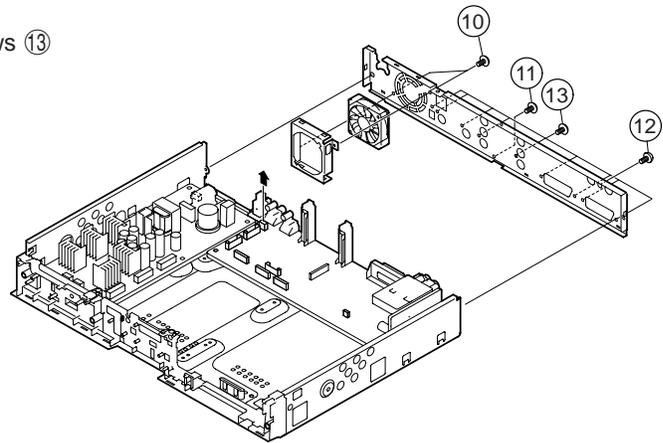
(6) Removing the DVD unit

1. Remove four screws ⑨.
2. Remove the DVD unit (with the angle) upward.
3. Disconnect cables including the flat cable and power cable.
4. Remove the gasket.



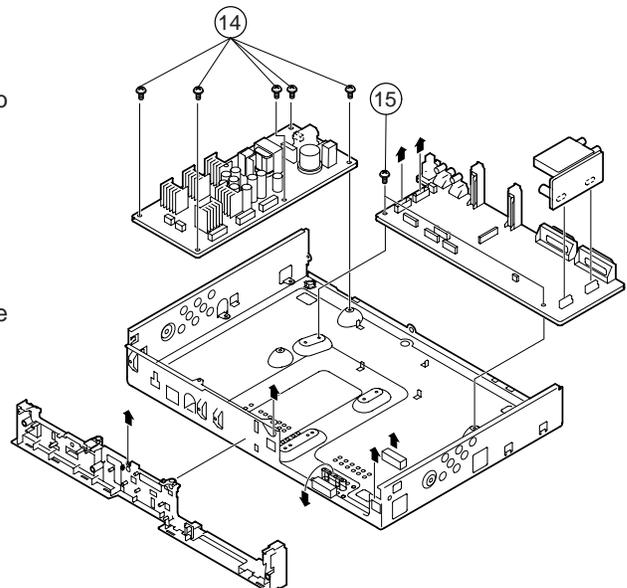
(7) Removing the rear terminal board and fan

1. Detach the fan cable from the main unit.
2. Remove two screws ⑩.
3. Detach the fan and fan cover.
4. Remove one screw ⑪, one screw (tuner) ⑫ and nine screws ⑬ (terminals)
5. Pull the rear terminal board backward to remove.



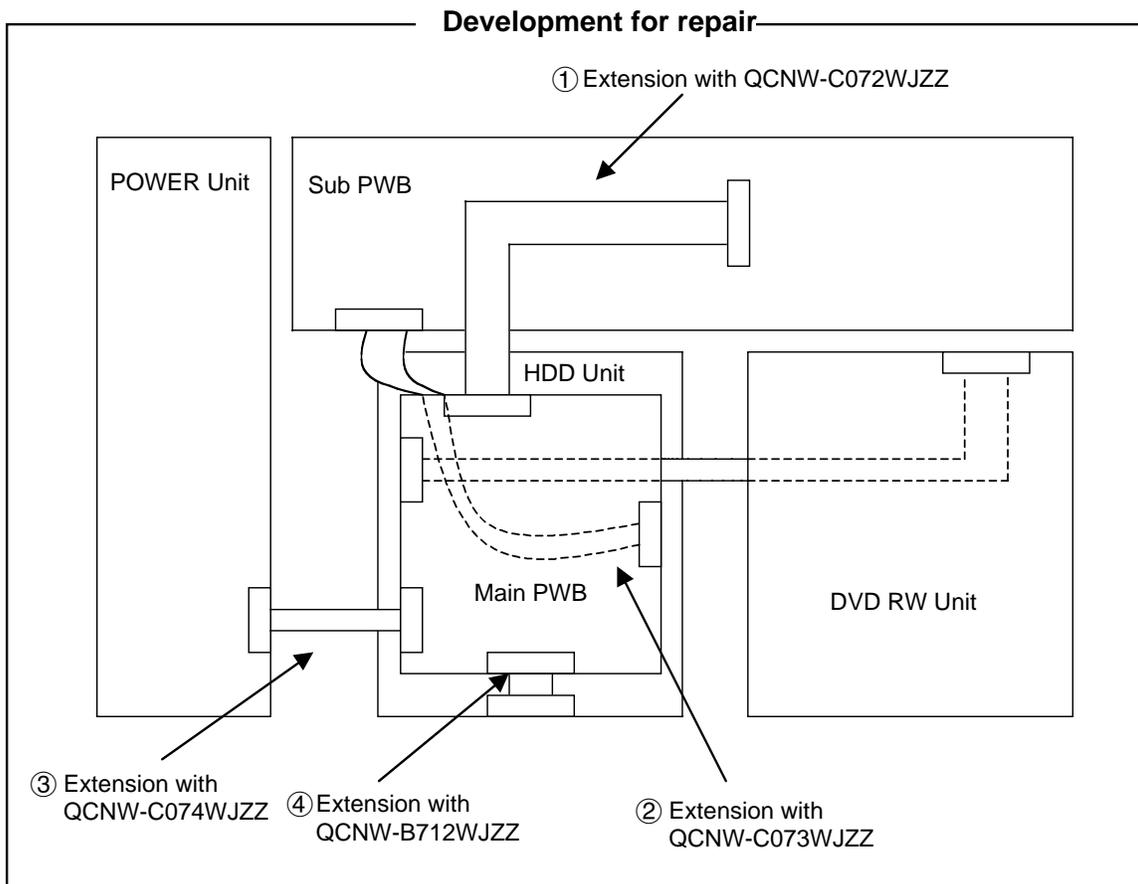
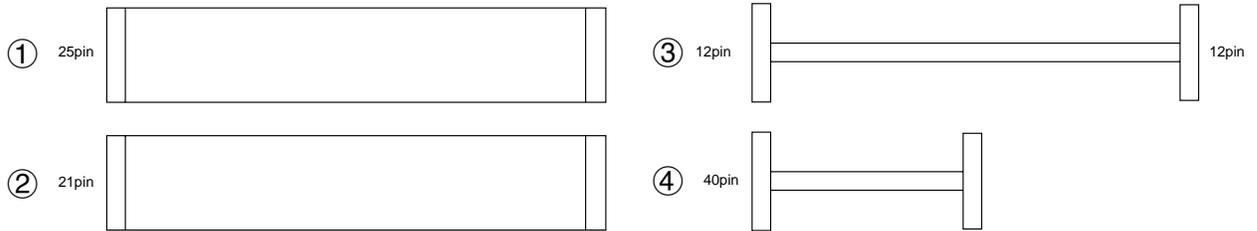
(8) Removing the tuner PWB, power PWB and sub PWB

1. Remove tuner PWB upward.
2. Disconnect the connection cables from the power PWB and sub PWB.
3. Remove five screws ⑭.
4. Remove the power PWB upward.
5. Remove two screws ⑮.
6. Remove the sub PWB upward.
7. Remove two hooks and the PWB holder in the direction of the arrow.
8. Remove one insulation sheet, three gasket and spacer.
9. Remove four hooks and the holder in the direction of the arrow.



5-2. EXTENSION CABLE DIAGRAM

	Parts Code	Price Code	Parts name / Use
①	QCNW-C072WJZZ	AD	Main to Sub Signal Line CN3001—S2202
②	QCNW-C073WJZZ	AD	Main to Sub Control Line CN3003↔S2201
③	QCNW-C074WJZZ	AT	Main to Power CN3004↔P9005
④	QCNW-B712WJZZ	AH	ATAPI cable for HDD CN4502↔ATAPi



5-3. Notes for servicing

1. After replacing the HDD or main PWB, register the HDD-ID again.
2. After replacing I54R NOR flash (IC7502) or NAND flash (IC7509), upgrade the version using the CD.
All the data in the HDD will be formatted by replacing the main PWB unit.

The following parts cannot be replaced as the system information needs to be written. (Replace the PWB.)

1. EEPROM for I54R, IC7507 and IC7508

Setting procedure after replacement of HDD or main PWB

1) HDD installation

The unit can be started after installing the HDD, but key operation is impossible since the HDD-ID is not registered. Perform HDD aging to register the HDD-ID.

2) HDD aging

The test mode can be accessed after replacing the HDD.

[1] Enter the test mode with the keys on the main unit (press the channel UP key and recording stop key simultaneously).

[2] Enter "4" to open the drive screen.

[3] Press the play key to enter the HDD aging mode.

"0" appears on the LCD of the front panel. It increases to 58 and then changes to "777" when the aging is completed.

Should "EEE" appear, replace the HDD and start the process over. Aging takes approx. 2.5 hours.

[4] The aging is completed when "777" appears, and the HDD-ID is registered automatically.

If the main PWB unit is replaced, enter the test mode and press the "10/0" key on the remote control to register the HDD-ID.

[5] Restart the unit and check the operation.

3) Factory setting

Initialize all the settings. Enter the test mode and press the "11" key on the remote control. The display stays black during the initialization process.

Initialization is completed when the test mode appears on the LCD display following "507".

5-4. Writing of software

1. Press the power key to turn on the power.
2. Open the tray with the tray open/close key and place the version upgrade CD.
3. Close the tray. Upgrade begins automatically.
"200" appears on the main unit display.
4. When the upgrade finishes, the tray opens and "208" appears on the main unit display.
5. Turn off the power to complete the upgrade.

- Upgrade the writer in the same way. In this case, "300" and "307" appear on the main unit display during the process.