marantz®

Service Bulletin
No. : MZ08-064
Date: October 6, 2008

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Model: AV8003

Subject: Service spare part addition information.

Symptom: The part number of Extension FFC will be added to the Service parts. PWB can be removed from a unit and now checked.

Solution: The Extension FFC comes in several types depending on the number of PINs and the length. That is why each comes marked in the same color with the location specified on the wiring diagram. Please check the attached wiring diagram on the following pages before use.

Parts:

POS. NO.	VERS. COLOR	PART NO. (MZ)	PART NAME	DESCRIPTION
		943606004580M	EXTENSION FFC KIT	AV8003 EXTENSION FFC KIT Factory code no. non

MAIN TRANS

DMP PWB MODULE

Pb/Pr/Y

COMPONENT PWB
CUP12074

VIDEO

VIDEO & COMPONENT
2.0mm

CVBS
SC/SY

ANA.
L/R

DIG.
SPDIF

VIDEO PWB
CUP12073

HDMI PWB
CUP12051

RC232 SIRIUS PWB

XM PWB
CUP12010

STANDBY PWB
CUP12079

REGULATOR PWB
CUP12078

AV8003 A

AV8003 C

AV8003 B

DSP PWB
CUP12075

HD RADIO PWB
CUP11990

TUNER MODULE

HD RADIO MODULE

AV8003 A

SELECTOR
ENCODER PWB
CUP12076

FRONT PWB
CUP12076

VOLUME
ENCODER PWB
CUP12076

INPUT PWB
CUP12077

7.1CH INPUT

CDR-X

PUSH S/W PWB
CUP12076

HP PWB
CUP11669

MIC PWB

TACT PWB

PREOUT BOT
CUP12080

PREOUT TOP
CUP12080

* ST-BY → STANDBY PWB
* REG. → REGULATOR PWB
* OPT. → OPTION

Extension cable part number: 943606004580M

AV8003 EXTENSION FFC KIT

Prepare a suitable insulator board to rest any removed pcb's on during troubleshooting.

Place the Component PWB on the insulator board.
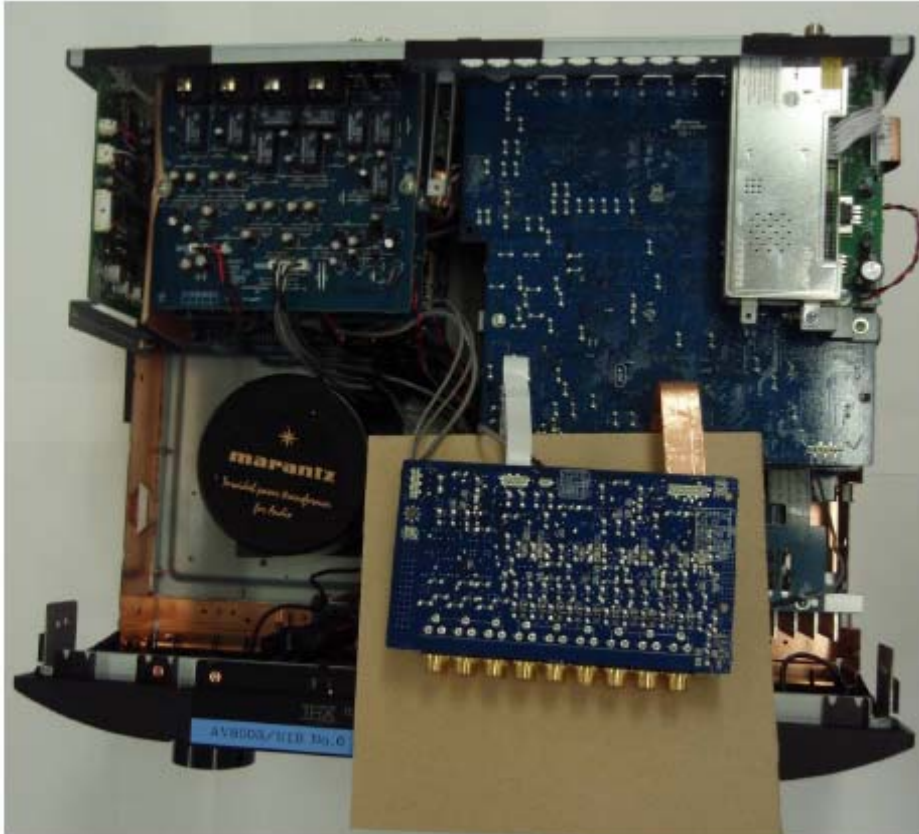
If you want to check the HD Radio PWB.
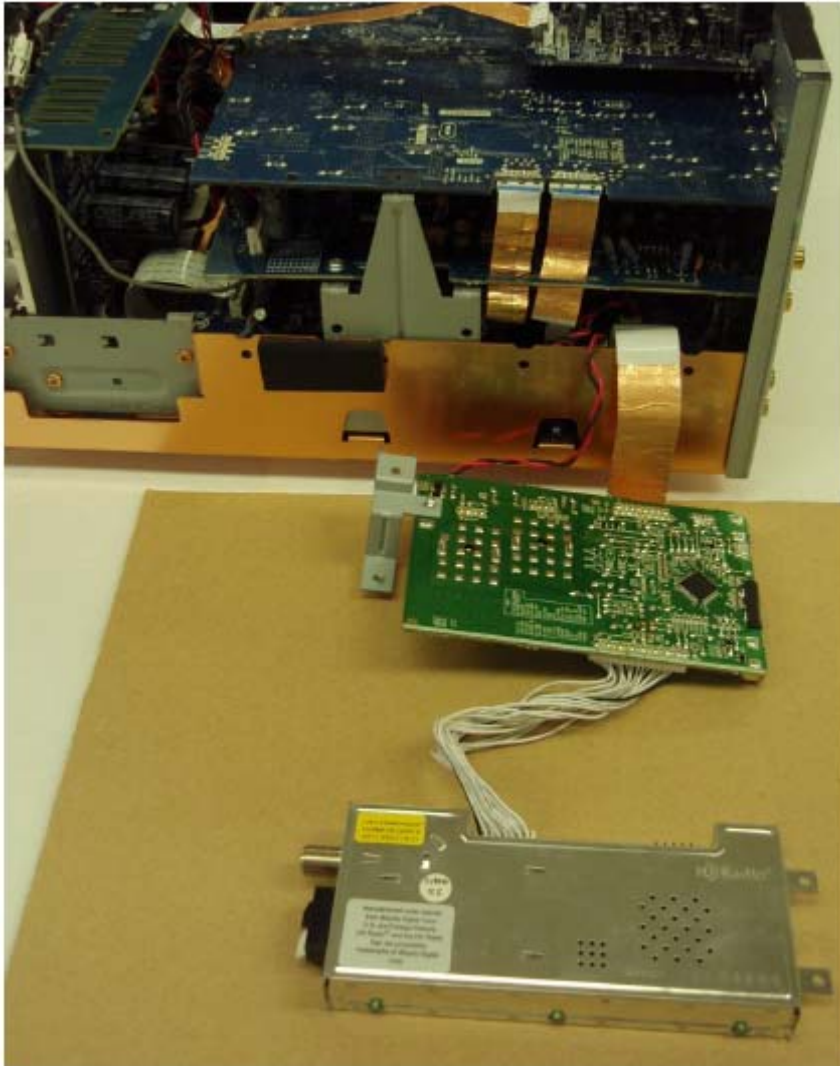
Put on the HD Radio PWB onto insulator board.

If you want to check the DSP PWB, Video PWB or HDMI PWB.

Change FFC : 17P 1.0mm(AV8003 A : Blue) : CN71(DSP) <--->CN72(VIDEO)
Change FFC : 13P 1.0mm(AV8003 B : Red) : CN83(DSP) <--->CN84(HDMI)
Change FFC : 15P 1.0mm(AV8003 C : Green) : CN81(DSP) <--->CN82(HDMI)

Put the Video PWB, HDMI PWB and Component PWB onto the insulator board.

If you want to check the Input PWB.
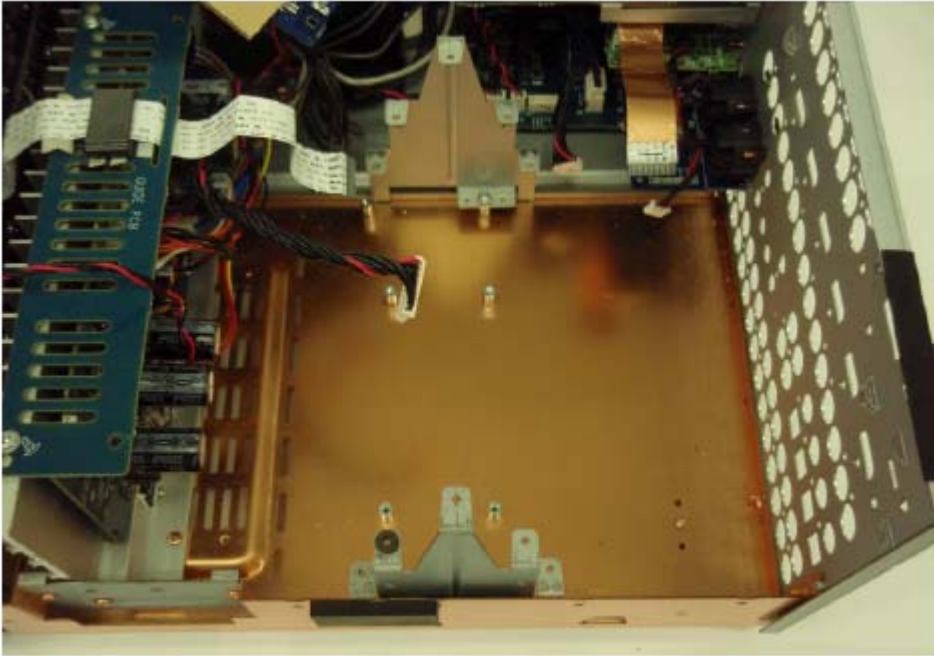
Take out the Input PWB.
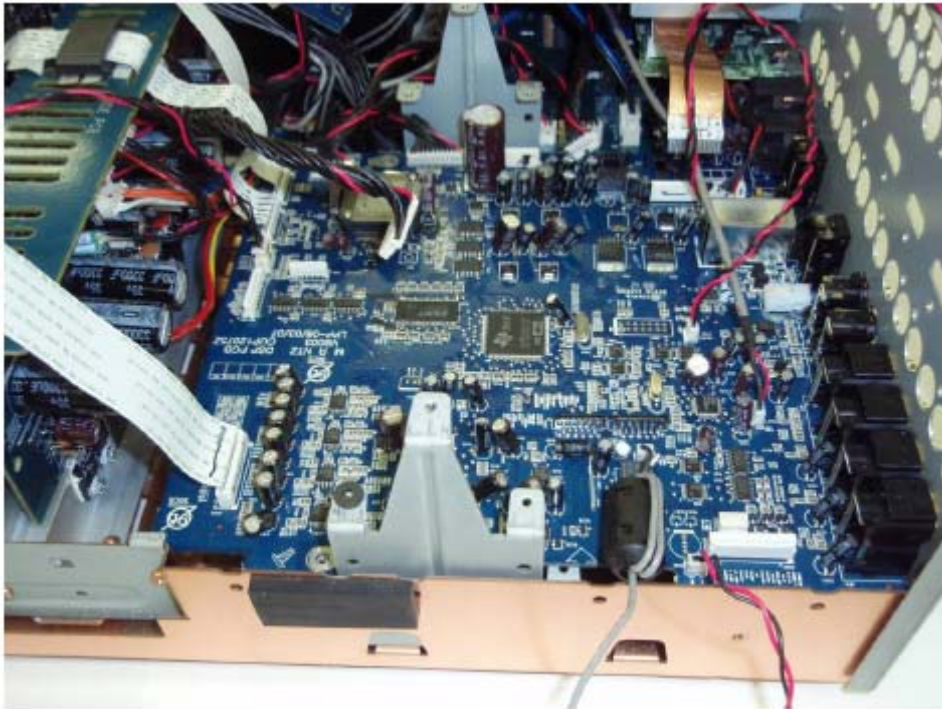
Install the DSP PWB.
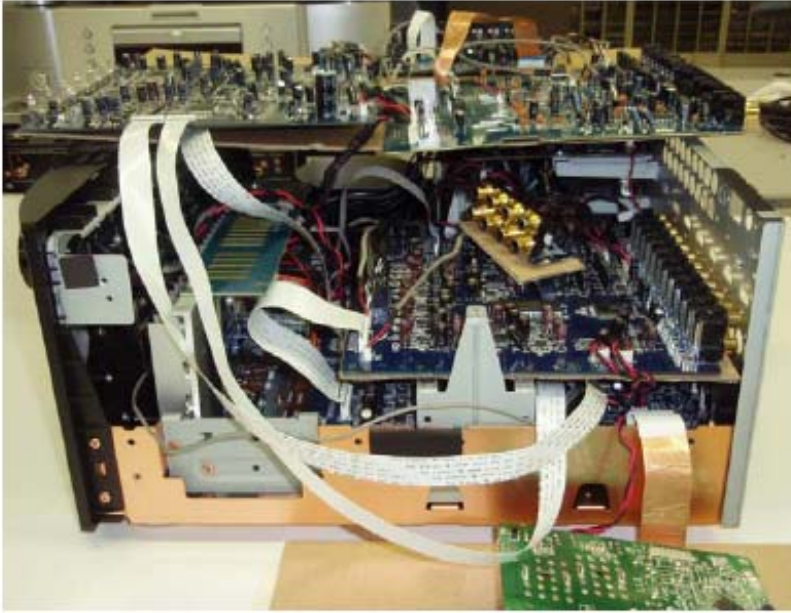
Put the Input PWB onto the insulator board and install the other PWB.
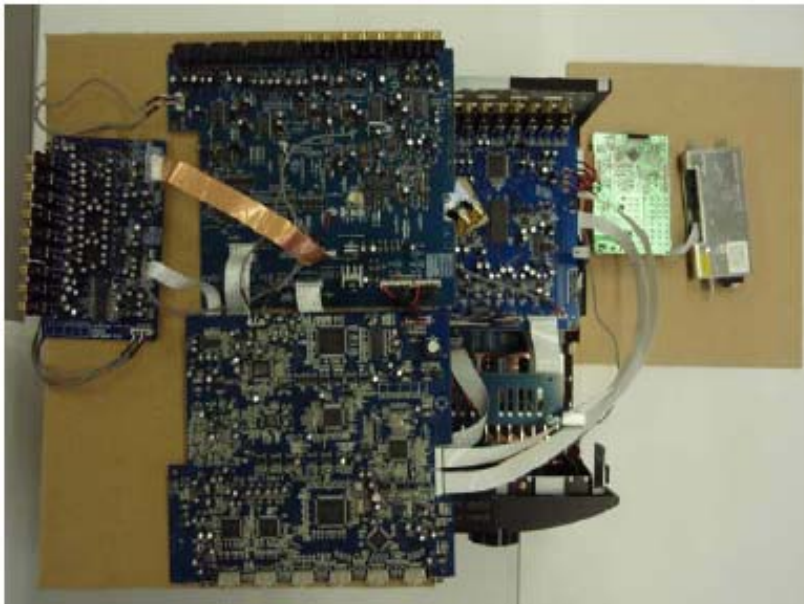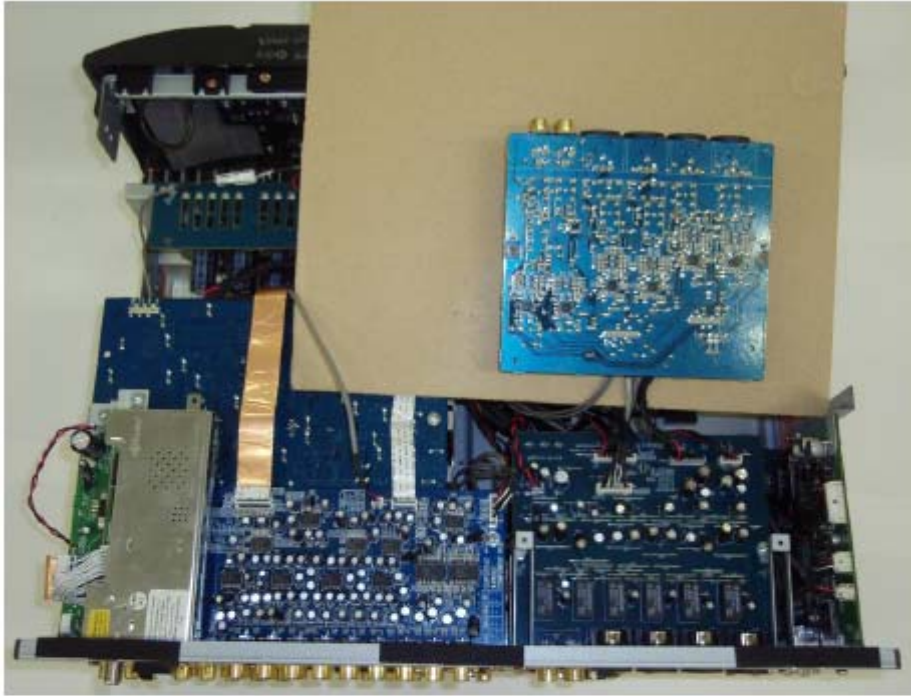

Change FFC: 17P 1.0mm (AV8003 A: Blue): CN71 (DSP) <--->CN72 (VIDEO)
Change FFC: 13P 1.0mm (AV8003 B: Red): CN83 (DSP) <--->CN84 (HDMI)
Change FFC: 15P 1.0mm (AV8003 C: Green): CN81 (DSP) <--->CN82 (HDMI)

Put the Input PWB, Video PWB, HDMI PWB and Component PWB onto the insulator.

If you want to check the Preout PWB or Standby PWB.

Put the Preout PWB on the insulator board.

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If you want to check the Front PWB.
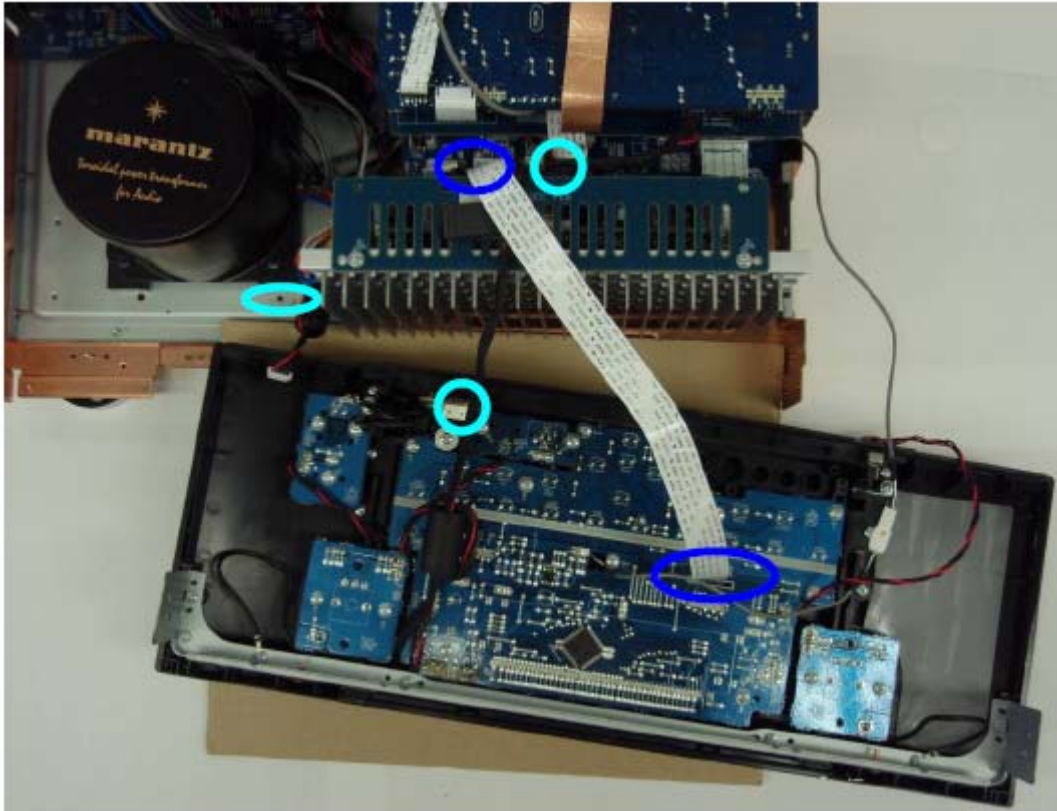
Change FFC : 17P 1.0mm(AV8003 A : Blue) : CN63(DSP) <--->CN64(FRONT)
Disconnect the CN89 (Headphone PWB) and CN17(DSP).

You will place the set into the headphone mode when you disconnect the CN89 (Headphone PWB).

Disconnecting CN17 (DSP) does not flash the HDMI and Pure Direct indicator.