



**Service Bulletin**

**No. :** MZ07-029

**Date:** March 8, 2007

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**Model:** SA11S1, SA8001

**Subject:** Information on how to convert the MECHANISM (TRAVERSE MECHA ASSY) to RoHS compliance.

**Symptom:** In order to convert the MECHANISM (TRAVERSE MECHA ASSY) to RoHS compliance some parts on the PM01 Main PWB need to be changed otherwise, a difference in laser power will disable the laser pickup. The tray also needs to be replaced.

**Solution:**

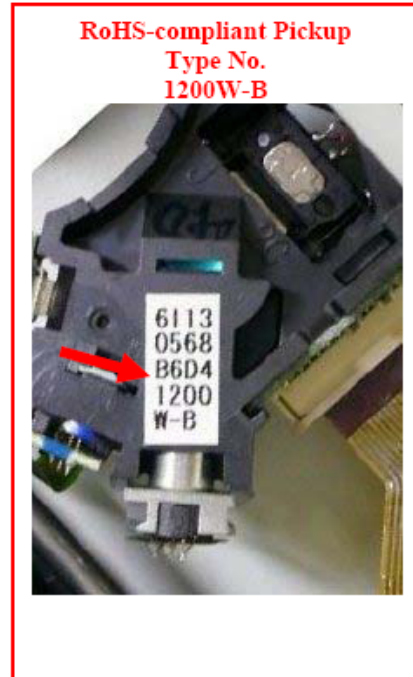
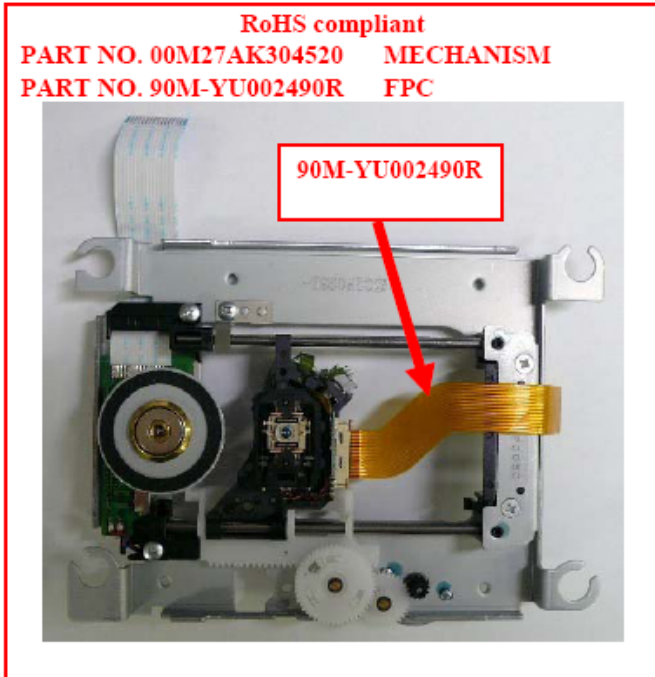
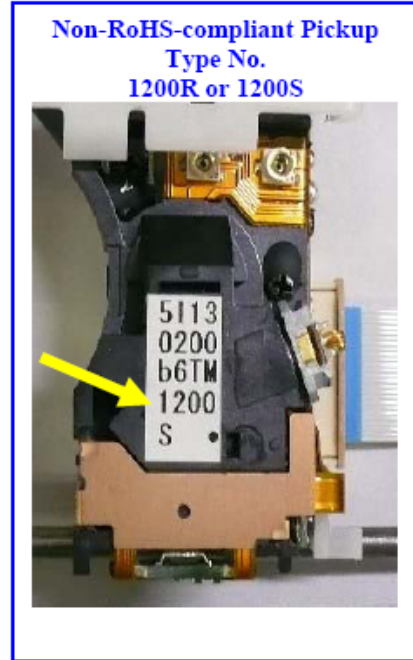
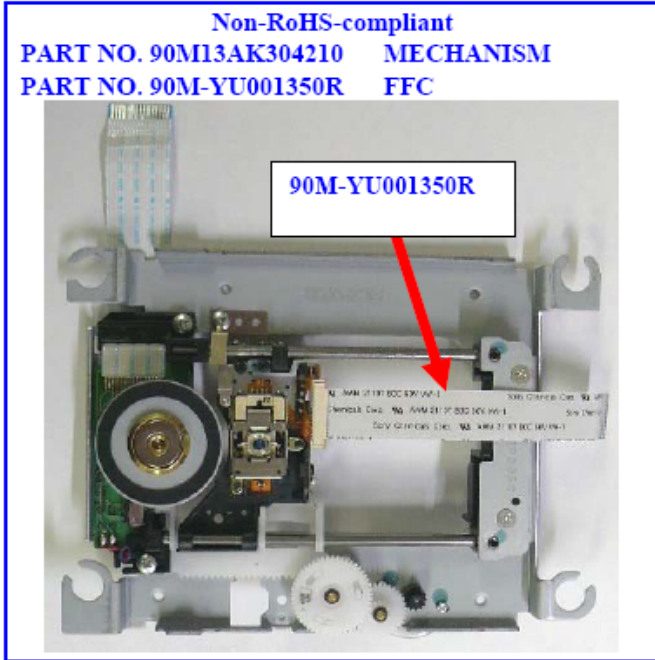
The following is detailed information on the differences between non-compliant and compliant MECHANISM, FFC/FPC, TRAY and how to replace R502.

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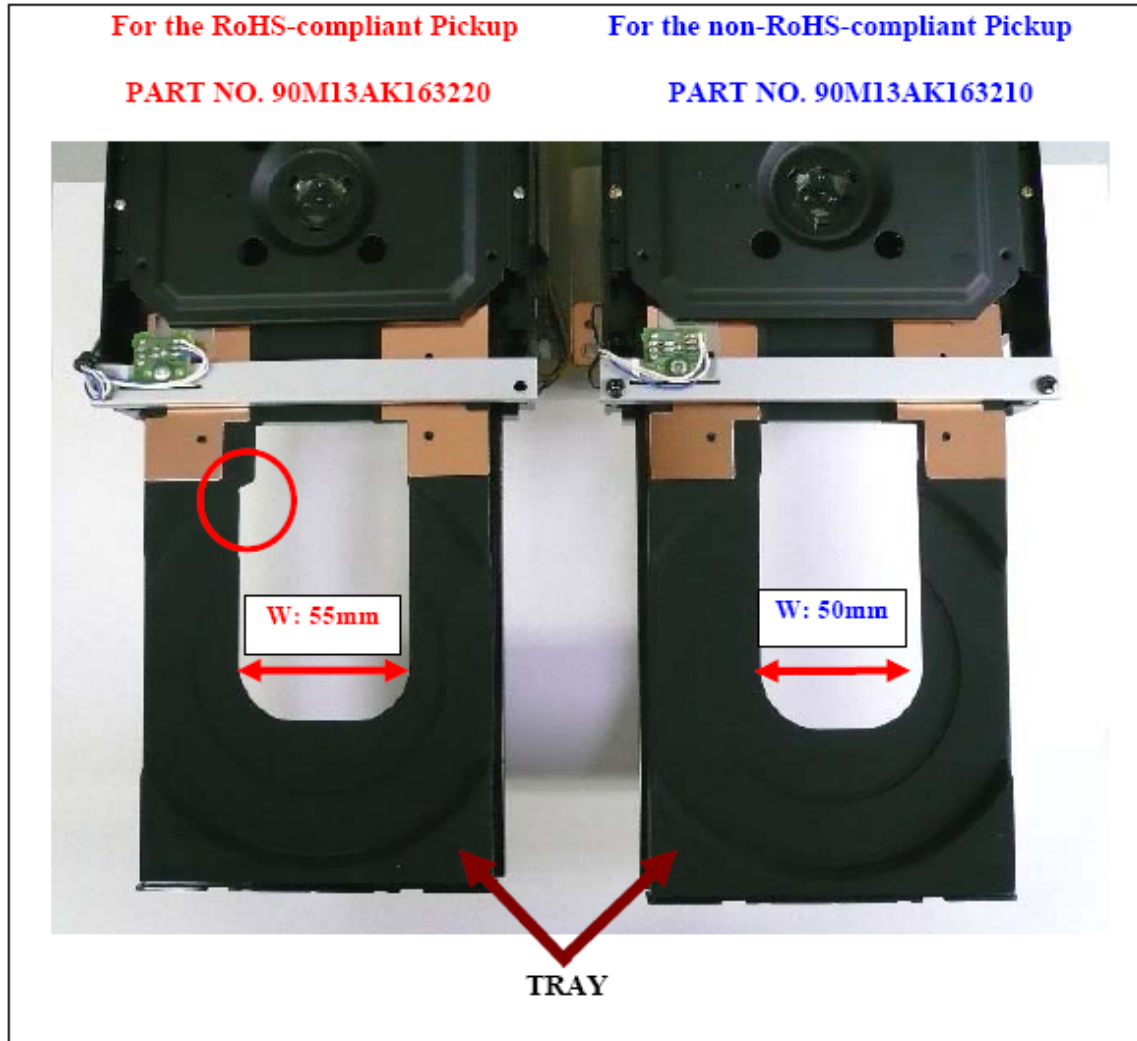
1. MECHANISM (TRAVERSE MECHA ASSY)
2. FFC/FPC



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### 3. TRAY



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#### 4. MECHANISM

**For RoHS-compliant Pickup**

**For non-RoHS-compliant Pickup**

**PART NO. 00M25AK304010**

**PART NO. 00M21AK304020**



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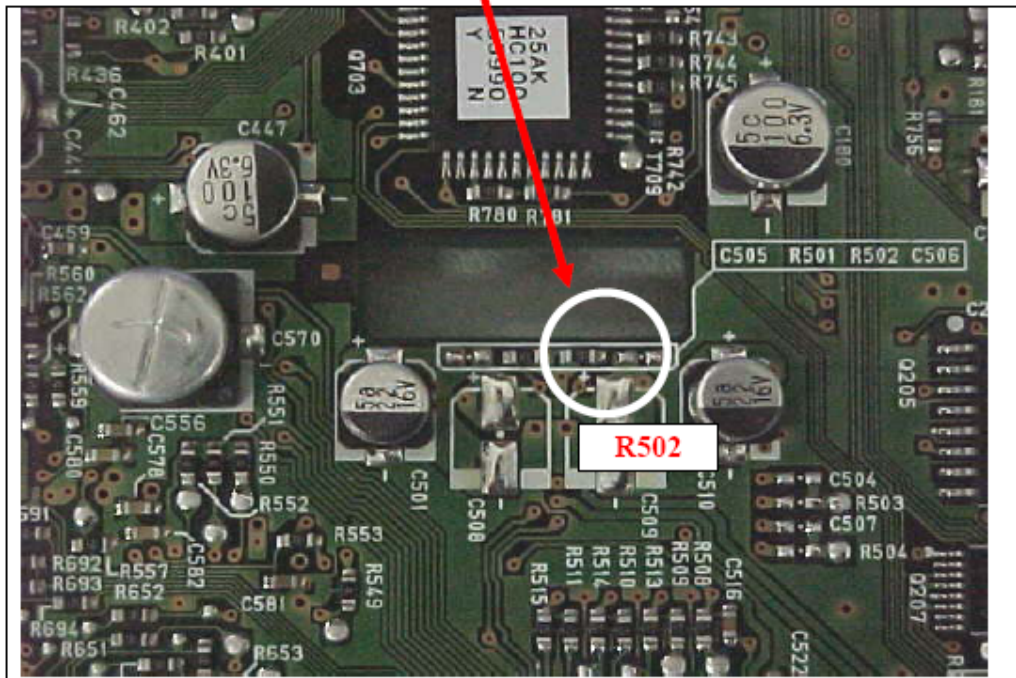
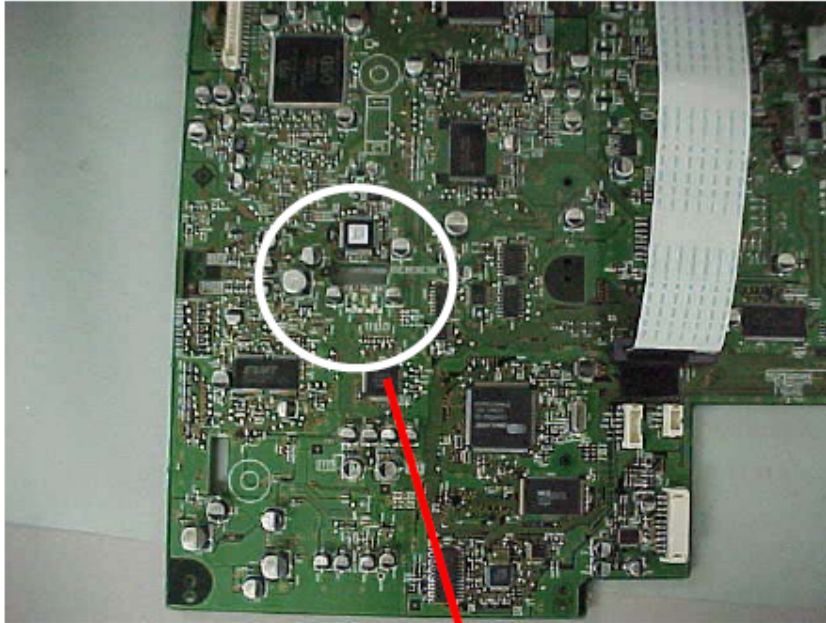
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4. R502 for the PM01 Main PWB. Note: Please replace R502 with the MECHANISM detached from the unit.

**470 Ohm for RoHS-compliant Pickup**      **100 Ohm for non-RoHS-compliant pickup**

**PART NO. 00MNN05471610**

**PART NO. 00MNN05101610**

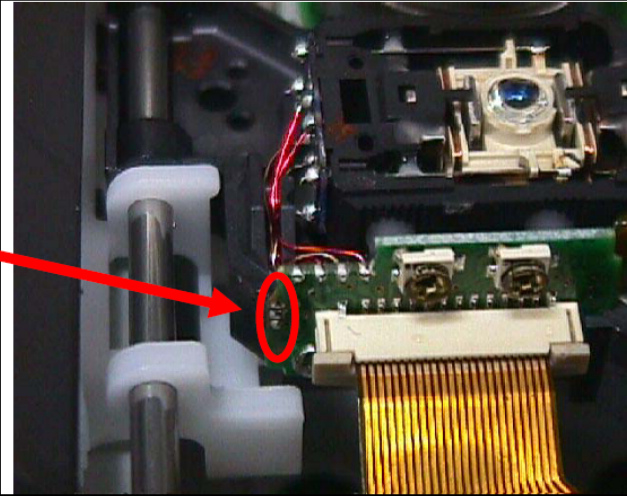


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## R676 for the Super Audio CD PWB Module

- Open the loader lid and locate three separate land pads near the pickup on the board. Solder and sort all these three land pads.
- After shorting the land pads, unplug the flexible cables from the connector on the board.
- When all the work is done with the flexible cables plugged, remove the solder first and then close the loader lid.

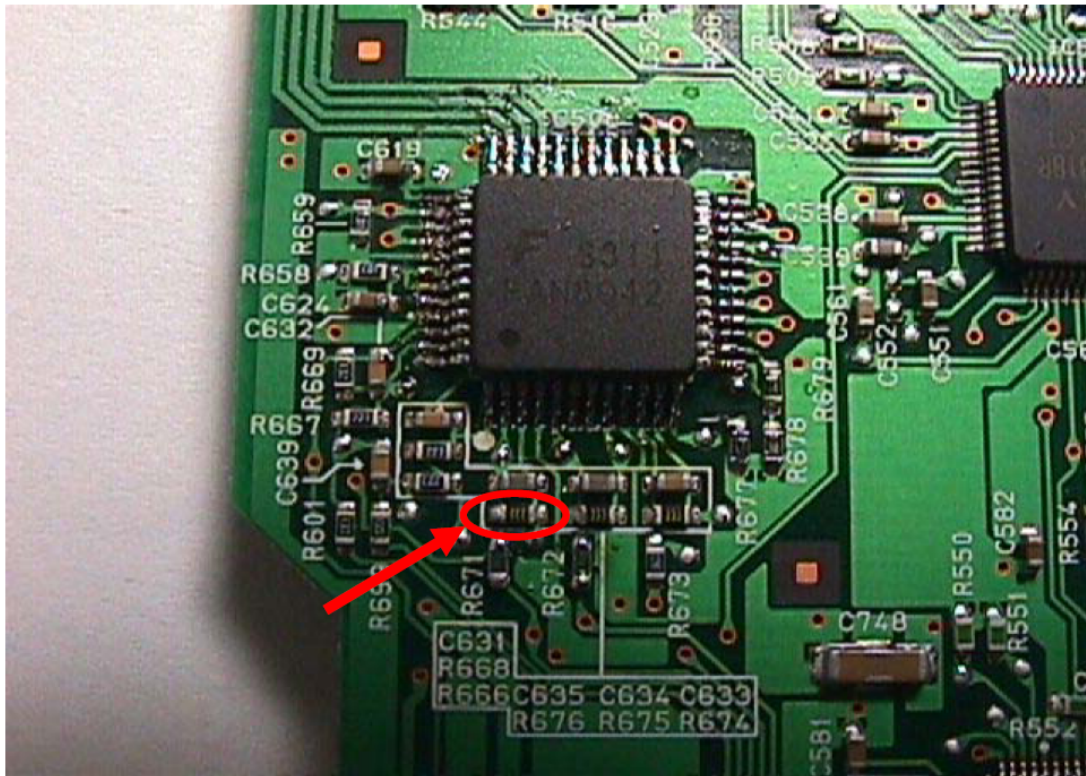


27K Ohm for RoHS compliant Pickup

33K Ohm for non-RoHS compliant Pickup

PART NO. 00D2472010985

PART NO. 00D2472011900



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## Parts:

NO.	DESCRIPTION	POS.NO.	Non RoHS compliant	RoHS compliant
			PART NO.	PART NO.
1	MECHANISM (TRAVERS MECHA ASSY)	27A	90M13AK304210	00M27AK304520
2	FFC / FPC	66	90M-YU001350R	90M-YU002490R
3	TRAY Width: 50mm / Width: 55mm	10	90M13AK163210	90M13AK163220
4	MECHANISM (TRAVERSE AND LOADEER)	003A	00M21AK304020	00M25AK304010
5	PM01 MAIN PWB 100 OHM / 470 OHM	R502	00MNN05101610 (100 OHM)	00MNN05471610 (470 ohm)
6	Super Audio CD PWB Module 33 K OHM / 27 K OHM	R676	00D2472011900 (33 K OHM)	00D2472010985 (27 K OHM)

## Serial Number Range:

All

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