



## **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:**

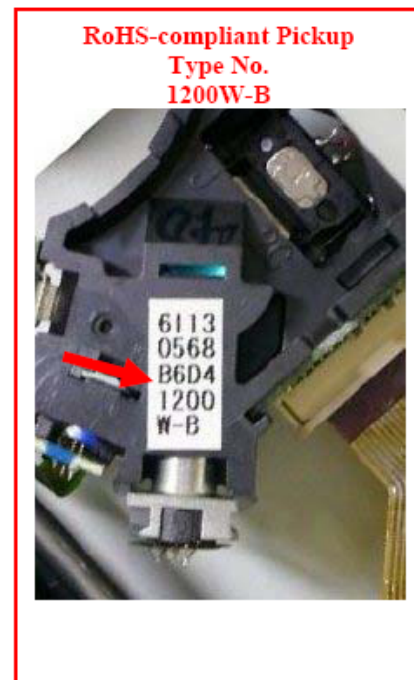
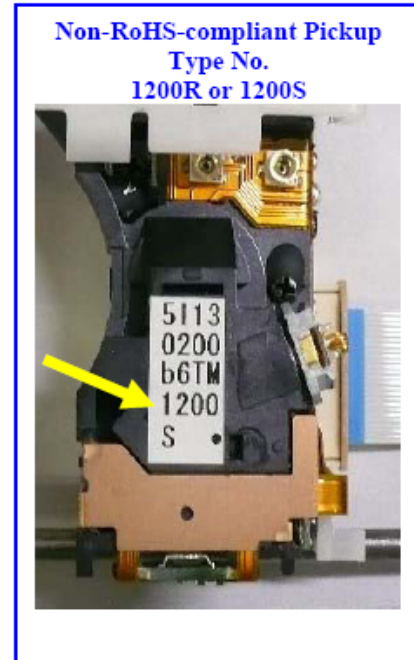
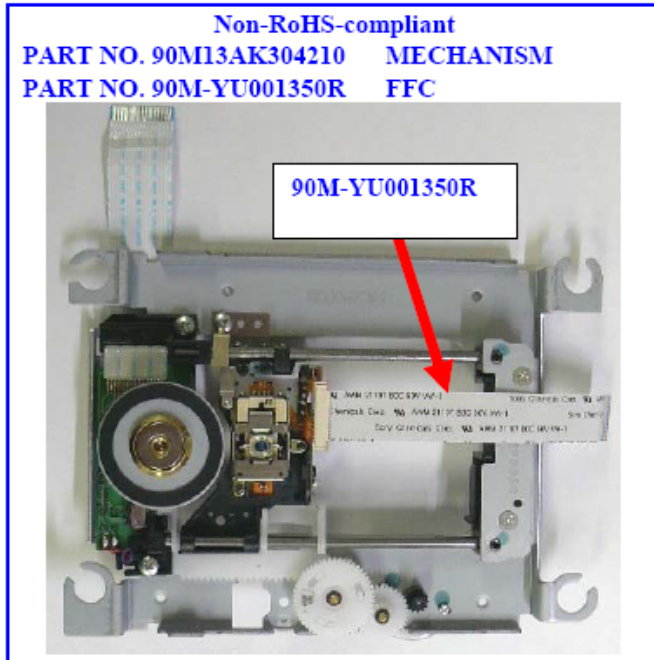
The following is detailed information on the differences between non-compliant and compliant MECHANISM, FFC/FPC, TRAY and how to replace R502.

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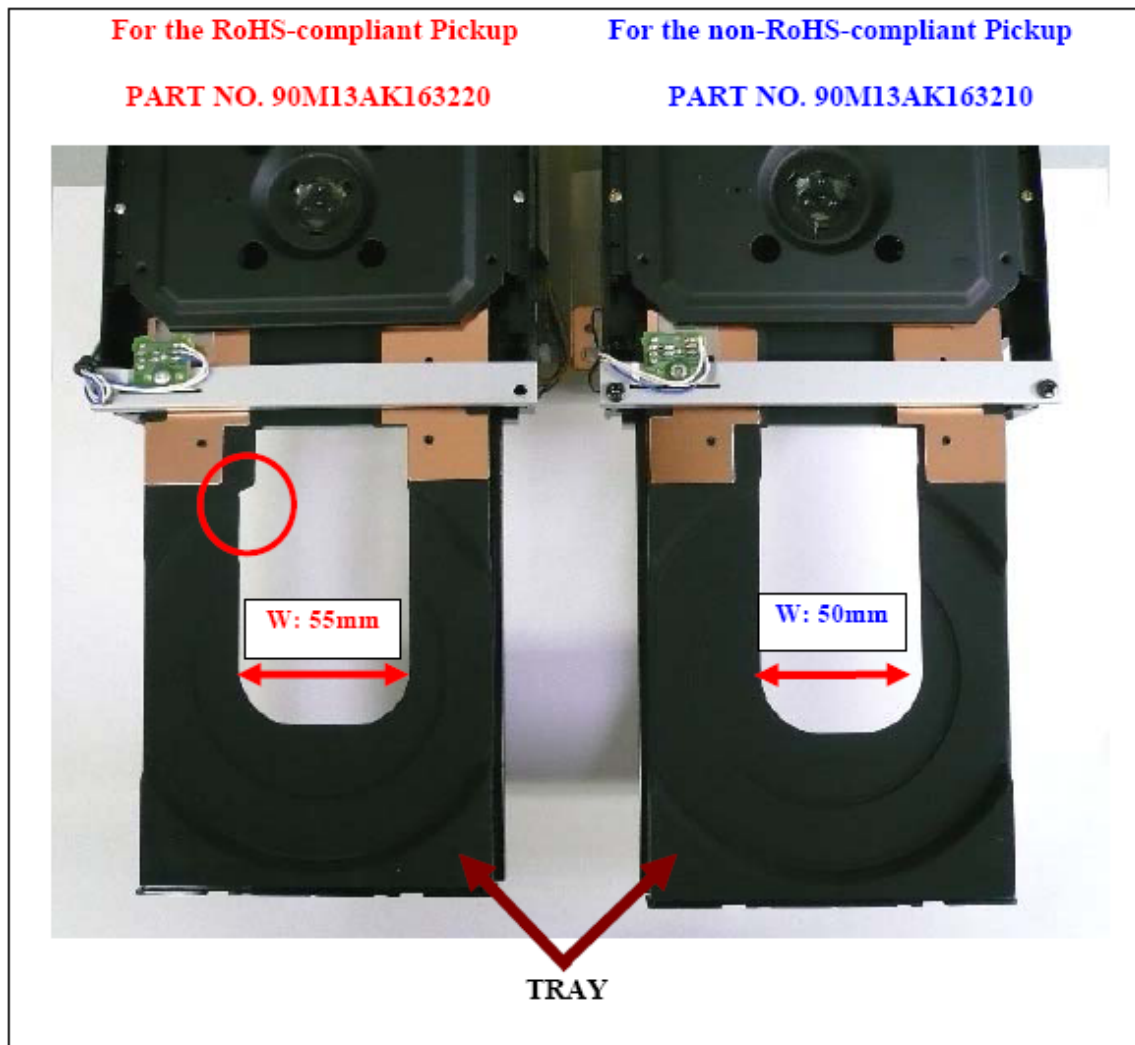
1. MECHANISM (TRAVERSE MECHA ASSY)
2. FFC/FPC



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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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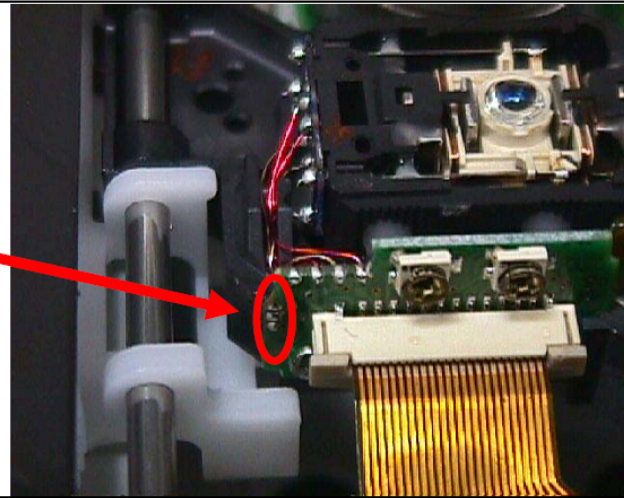
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## R676 for the Super Audio CD PWB Module

- 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 the all the work is done with the flexible cables plugged, remove the solder first and then close the loader lid.

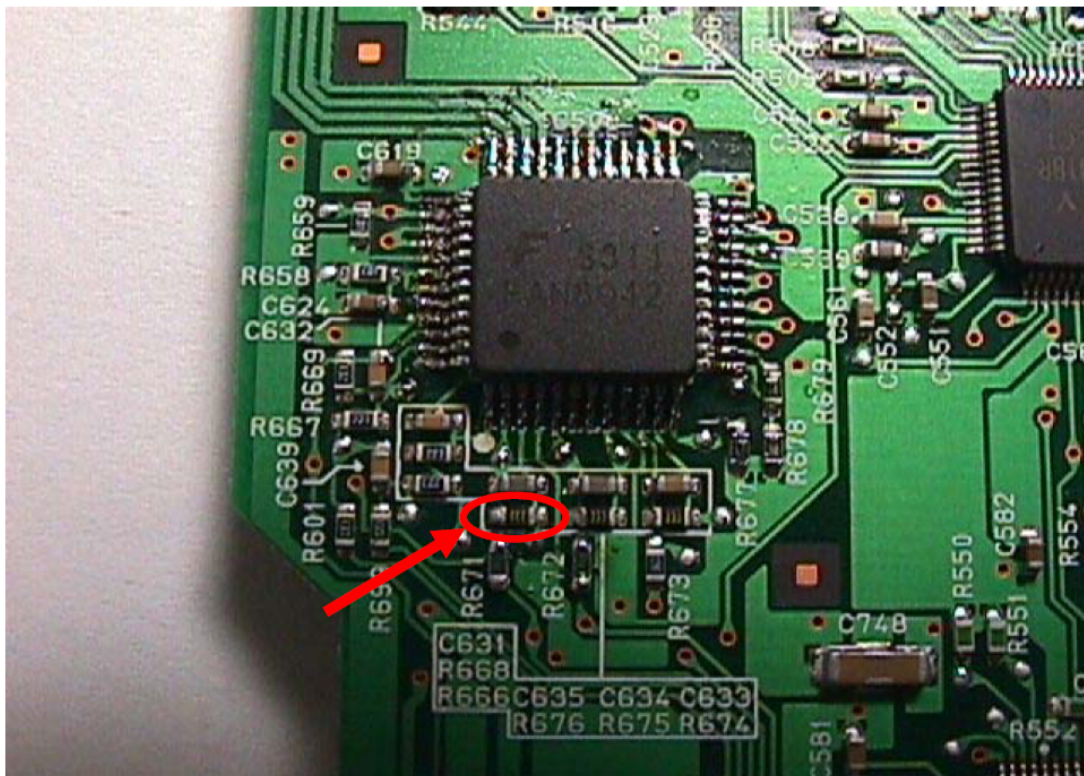


**27K Ohm for RoHS compliant Pickup**

**33K Ohm for non-RoHS compliant Pickup**

**PART NO. 00D2472010985**

**PART NO. 00D2472011900**



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## Parts:

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

## Serial Number Range:

All

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