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Service Bulletin

No. : MZ07-057

Date: May 16, 2007

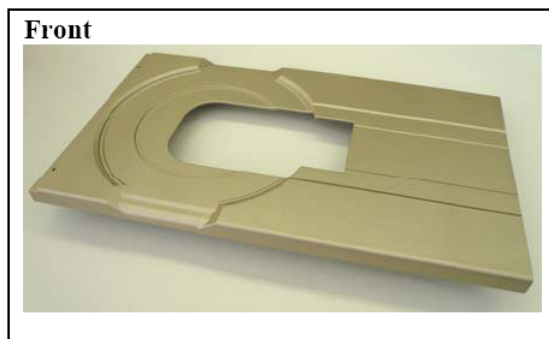
Model: SA-7S1

Subject: Improvement of scratch for 12cm Disc.

Symptom: Due to the disc tray's warpage and rough surface coating, 12cm discs can get scratched when touching the edge of the 8cm disc guide on the tray.

Solution: The tray must be replaced with a new one, with the warpage corrected, the type of coating changed and the surface smoothed.

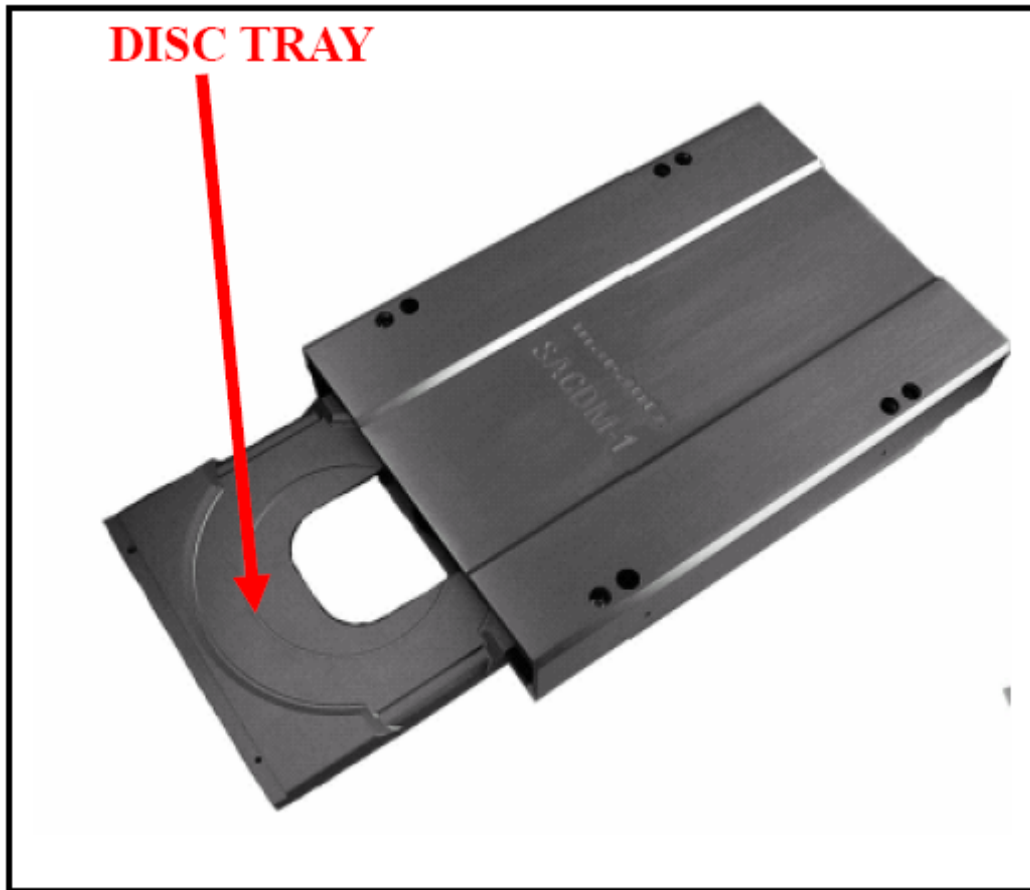
To replace the tray, please refer to the following SA-7S1 DISC TRAY REPLACEMENT PROCEDURE MANUAL.



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SA-7S1 DISC TRAY REPLACEMENT PROCEDURE MANUAL



1. TAKE THE TRAY ESCUTCHEON OFF THE DISC TRAY

- 1) Plug in the unit;
- 2) Turn the Power switch on;
- 3) Push the OPEN/CLOSE button and open the TRAY;
- 4) Turn the Power switch off;
- 5) Take out the two screws at the bottom of the TRAY ESCUTCHEON;

* Be careful not to let the L and R bushings (009M & 010M) and the lens (008M) fall off.

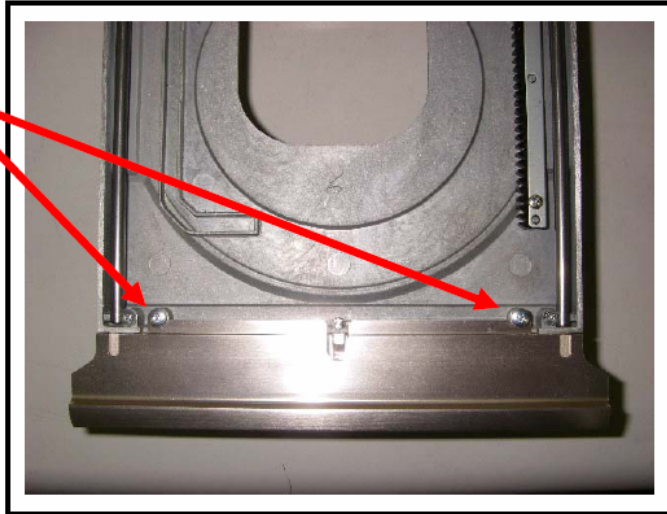
* Avoid exerting excessive force on the tray.

- 6) Turn the Power switch on;
- 7) Press the OPEN/CLOSE button and close the tray;
- 8) Turn the Power switch off;
- 9) Unplug the unit.

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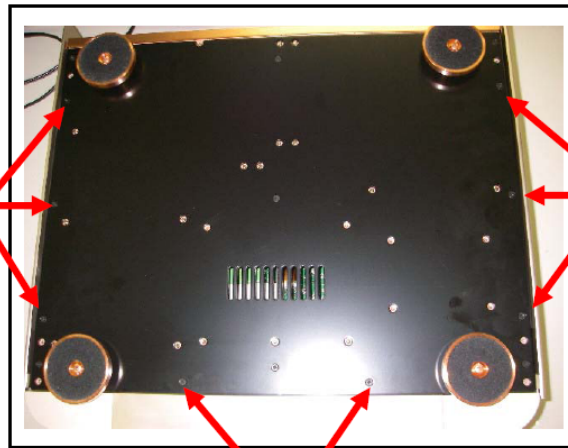
5) Take off the two screws.



2. TAKE OFF THE TOP LID

- 1) Take out the 3 screws (flat-head, black-colored) each on the right and left sides that hold the TOP LID on the bottom side.
- 2) Take out the 2 screws (flat-head, black-colored) that hold the FRONT PANEL on the bottom side.

1) Take off the 3 screws.



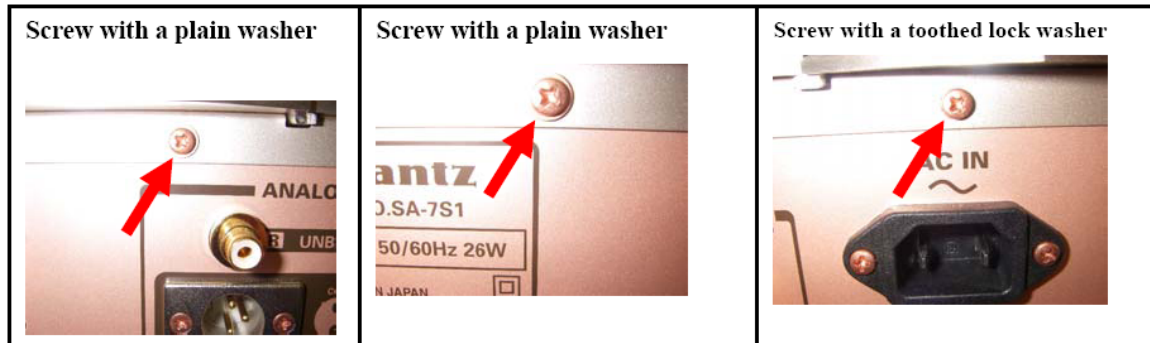
1) Take off the 3 screws.

2) Take off the 2 screws.

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3) Take out the 3 screws that hold the TOP LID on the REAR PANEL.

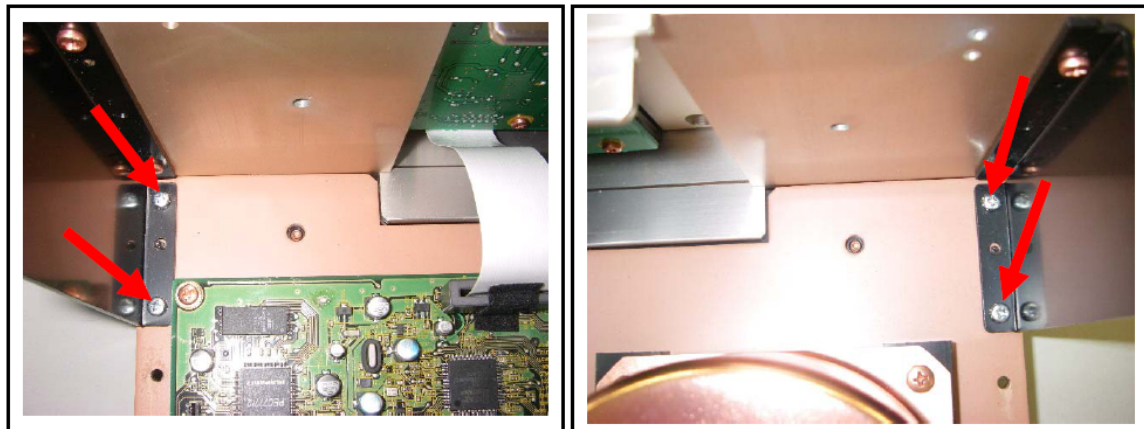


4) Slide the TOP LID toward the REAR PANEL;

5) Lift the TOP LID and take it off.

3. DETACH THE FRONT PANEL ASSY

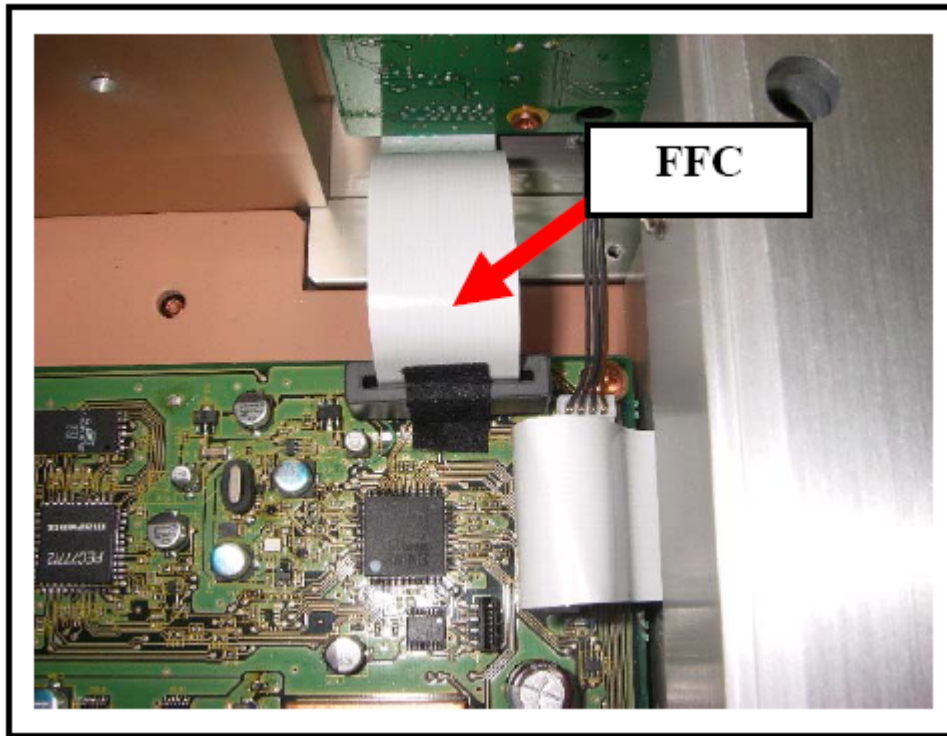
1) Take out the 2 screws each on the left and right sides that hold the FRONT PANEL ASSY.



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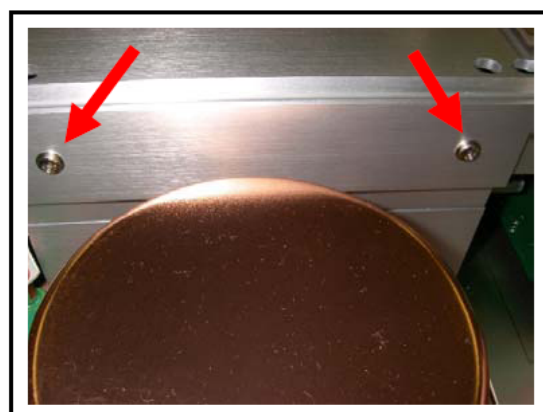
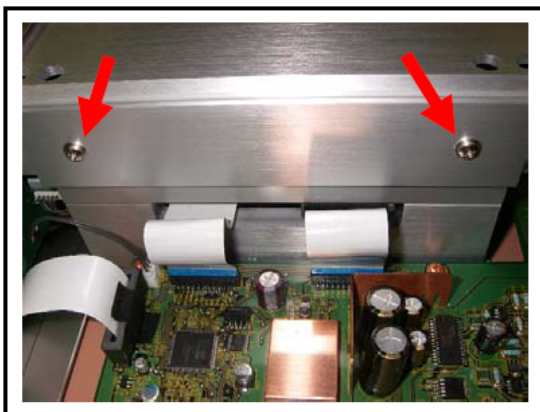
2) Take out the FFC that connects the FRONT PWB and AUDIO PWB.



3) Lift the FRONT PANEL ASSY an inch, slide it towards yourself and take it off.

4. DETACH THE MECHANISM (MECHA LOADER)

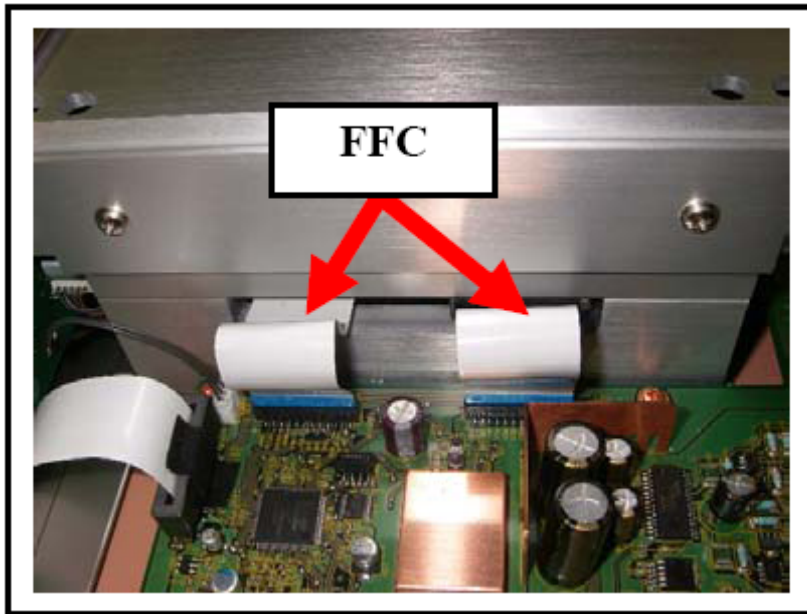
1) Take out the 4 screws on the right and left sides that hold the MECHA LOADER and detach the BRACKET (SIDE-PANEL).



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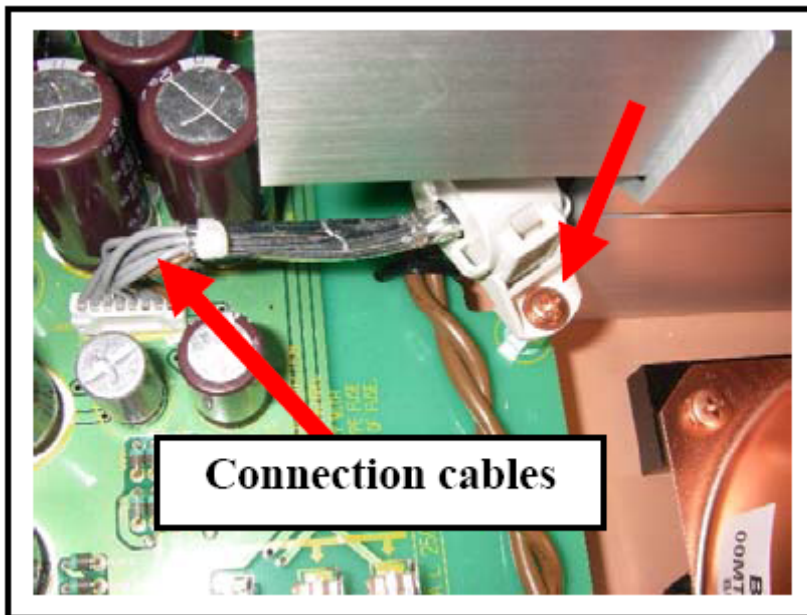
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2) Unplug the FFC that connects the MECHANISM and the AUDIO PWB.



3) Unplug the bundle of cables that connects the MECHANISM and the POWER SUPPLY PWB.

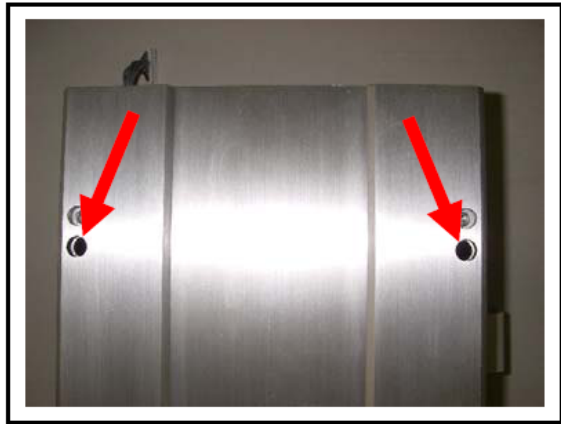
4) Take out the screw that holds the FERRITE CORE.



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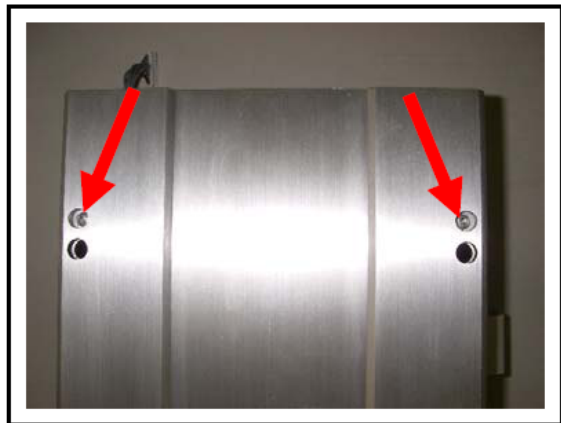
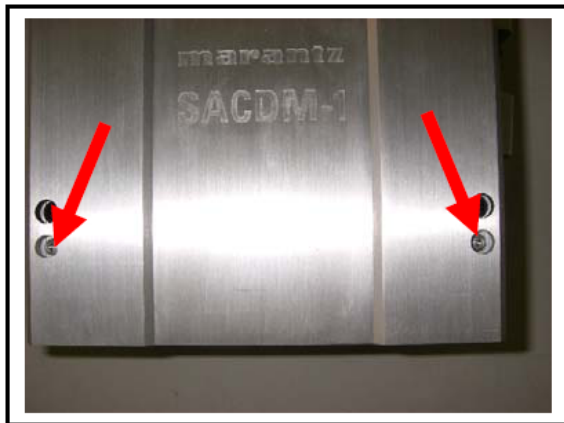
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5) Take out the screws that hold the MECHA unit. (2 on the FRONT side, 2 on the REAR side)



5. DETACH THE MECHA LOADER COVER

1) Take out the screws that hold the MECHA LOADER COVER. (2 screws on the FRONT side, 2 screws on the REAR side.)

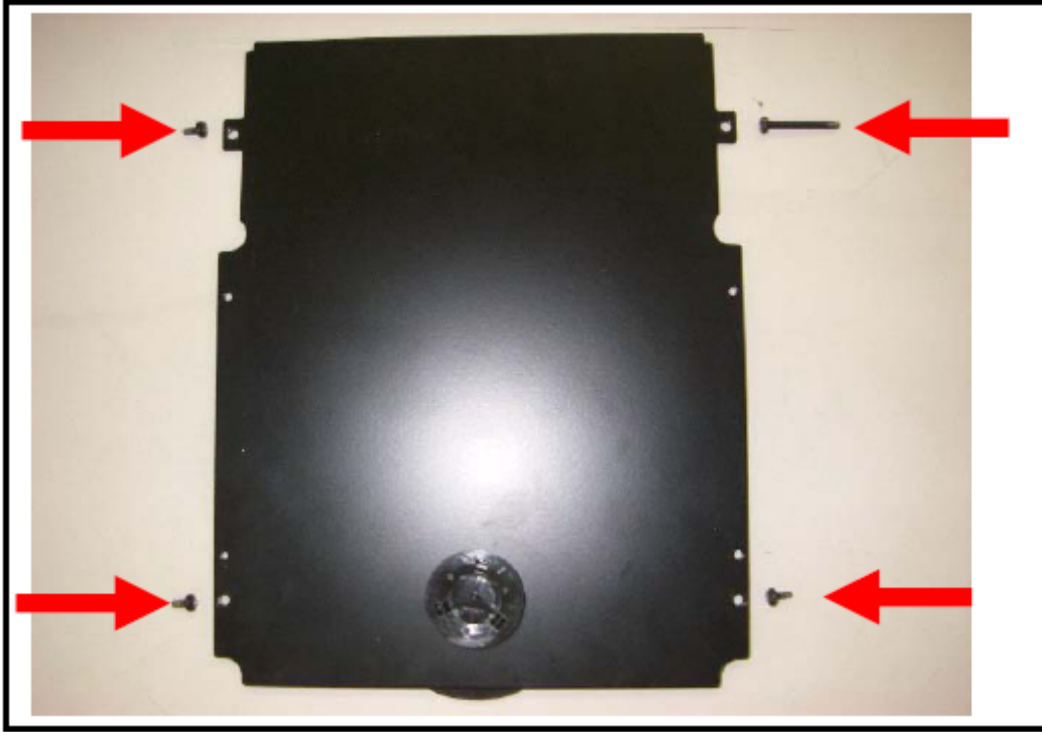


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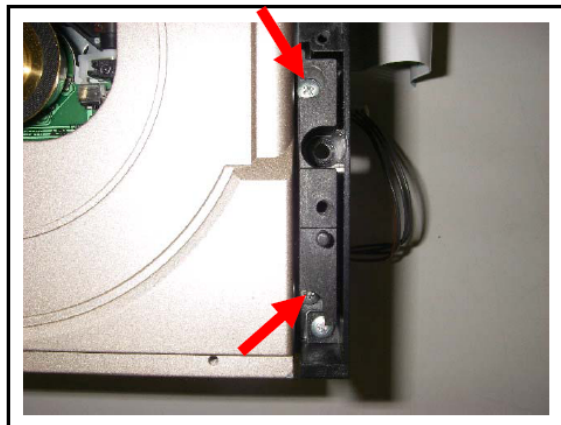
6. DETACH THE GUIDE CLAMP

1) Take out the 4 screws that hold the GUIDE CLAMP.



7. DETACH THE DISC TRAY

1) Take out the screws that hold the SHAFT-GUIDE-L and SHAFT-GUIDE-R. (2 on each of the left and right sides.)



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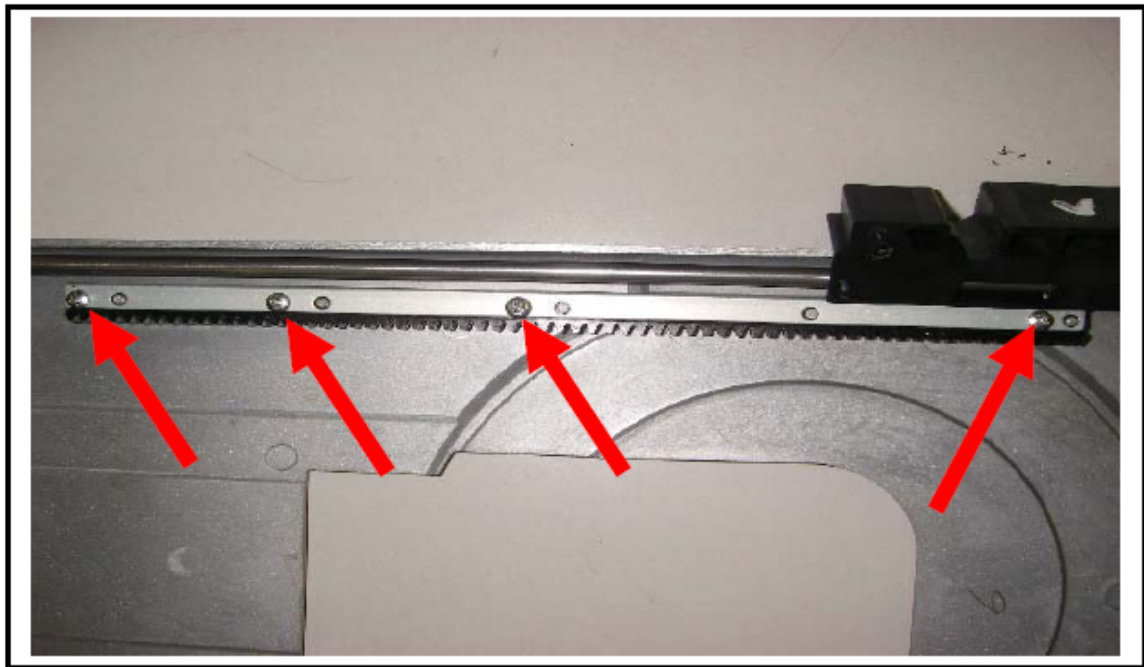
2) Lift the front side of the DISC TRAY, slide it toward yourself and take it off.

8. DEATCH THE SHAFT ON THE REAR SIDE OF THE DISC TRAY

1) Take out the screws that hold the TRAY-SHAFT. (2 on each of the left and right sides.)



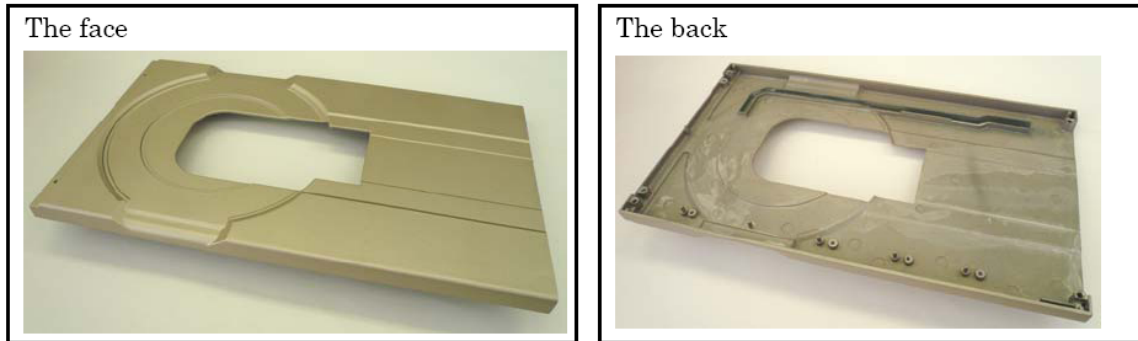
2) Take out the screws that hold the TRAY-SHAFT. (2 on each of the left and right sides.)



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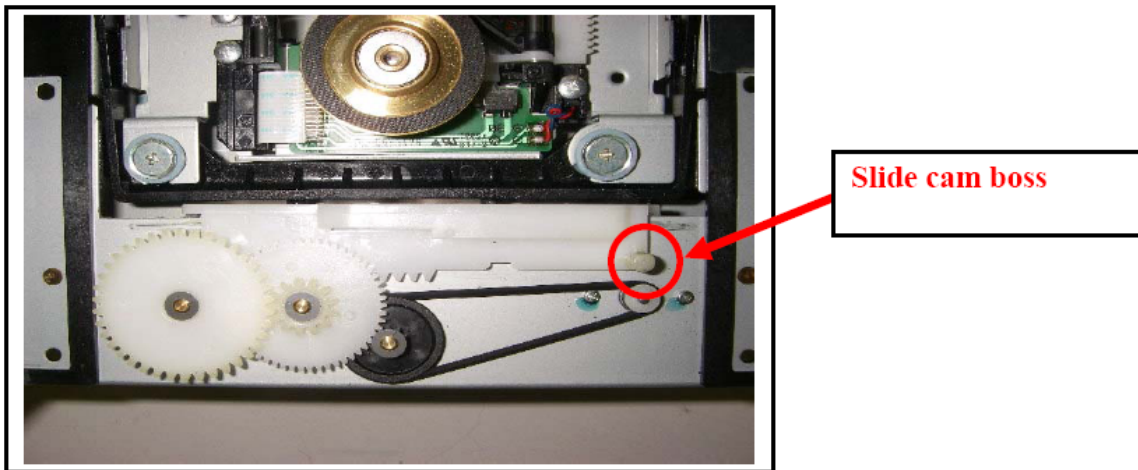
9. REPLACE THE DISC TRAY



After replacing the DISC TRAY, reassemble the unit by reversing the disassembling procedure.

NOTES ON THE REASSEMBLY

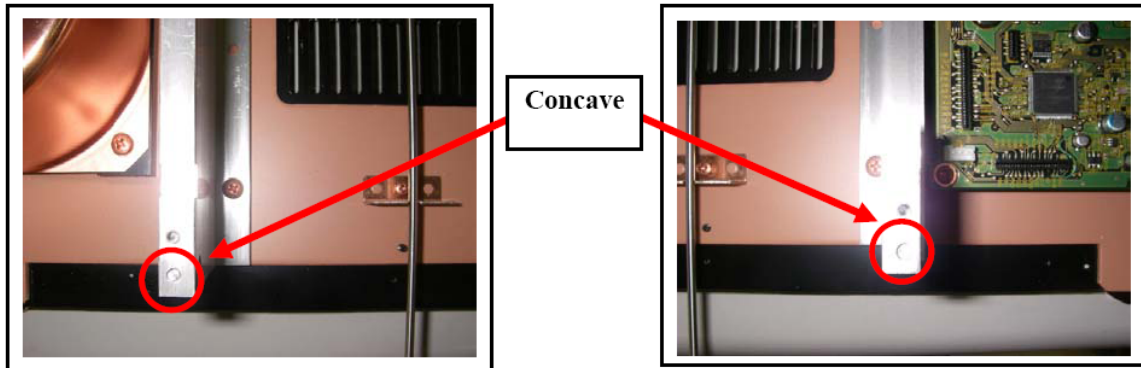
1) When attaching the tray, make sure that the slide cam boss is positioned where it was before the disassembly (when the unit was closed) as shown in the photo below.



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2) When screwing down the MECHA unit, join the convex of the mecha chassis to the concave of the retainer.



Parts:

Ref#	Description	Part Number
10	TRAY	00M27AK163310

*The part number remains unchanged. When you order a replacement tray the parts center will supply the corrected version.

Serial Number Range:

MZ20000640000001~MZ20000710000050

Serial Numbers of units corrected on the production line.

MZ20000710000051~

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