



AIWA CO.,LTD
UTSUNOMIYA FACTORY

2620, TOKUJIROU-MACHI, UTSUNOMIYA-SHI, TOCHIGI 321-21, JAPAN

SERVICE TECHNICAL INFORMATION

ONE POINT REPAIR

UTSUNOMIYA, APRIL 30, 1996
REF. NO. : SI-96-006
CUSTOMER RELATIONS & SERVICE DIV.

MODEL : AM - F3
SUBJECT : Improving servo operations when recording
SYMPTOM : Because servo operations during recording are sometimes unstable, when playing the disc after recording, there are cases in which the recording was made in a dropout condition.
REMEDY : In order to improve servo operations, replace the 5 parts listed below.
(Refer to the figure on the next page for the arrangement of parts on the board.)

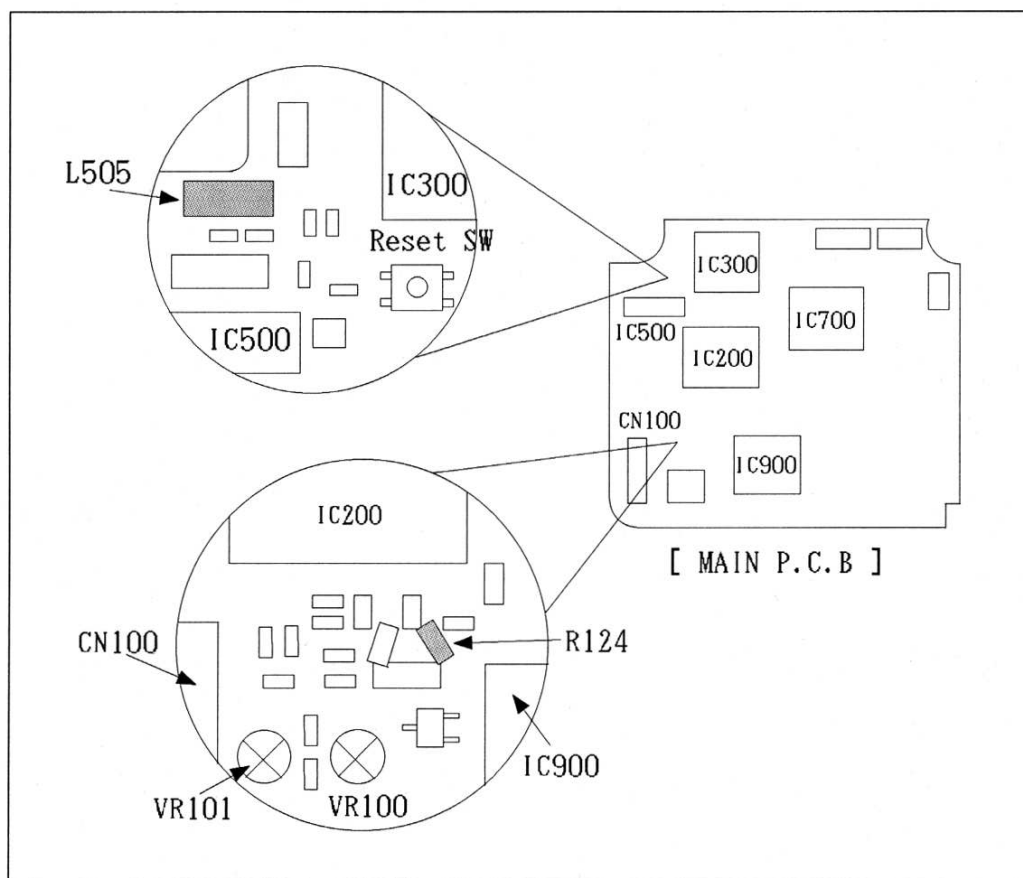
| Part No. | Part Name | Contents | Ref. No. |
|----------------|---------------------|--|----------|
| 87-A50-108-080 | C-COIL 33 μ H | 10 μ H \rightarrow 33 μ H | L505 |
| 87-010-787-080 | C-CAP 0.022 μ F | 0.047 μ F \rightarrow 0.022 μ F | C120 |
| 87-010-829-080 | C-CAP 0.047 μ F | 0.1 μ F \rightarrow 0.047 μ F | C121 |
| 88-108-183-080 | C-RES 470K- 1/16W | 680K and 390K Ω \rightarrow 470K Ω | R100 |
| — | — | Remove 18K Ω | R124 |

Notes

- By performing this remedy, the following 2 problems will also be improved.
 - "TOC read is slow" and "F-SKIP/B-SKIP is slow" for the record / play disc (MO disc).
 - Sometimes does not record (can not access U-TOC when recording).
- If dropout occurred for discs recorded before this remedy, dropout will occur when using these discs, even after this remedy is performed, because the discs were recorded under conditions in which the sound was jumping.
- Modifications have already been made for sets produced as of April of 1996, and for a portion of the sets produced before this date. Modified sets produced before April of 1996 (serial No.: 01C-63~) have a black point (●) at the end of their serial numbers. Sets produced as of April of 1996 do not have this black point.

PARTS LAYOUT

「BOARD Top surface」



「BOARD Bottom surface」

