

DENON *Service Information*

DENON, LTD.
INTERNATIONAL SALES DIVISION
REF. NO: OST-760
DATE: September 2003

1. **MODEL:** AVR-1403, AVR-1603 and AVR-1803, All E Models.
(Refer to the page 3/3 for details.)
2. **SUBJECT:** Serial Numbers to which the countermeasure for the cracked P. W. Board has been applied upon production of the units.
3. **SYMPTOM:** In case of the AVR-1403 G1C, the pattern was disconnected due to a crack of the P. W. Board of the MINI TRANS section, and a failure occurred that the Power is not turned on.
4. **CAUSE:** The yield strength of the unit against the vibration and/or the drop was reduced due to an increase of the gap between the P. W. Board and the MINI TRANS and the weight of the MINI TRANS part than the former model.
5. **COUNTERMEASURE:** Upon production of the above models, we have applied the modification for preventing the crack of the P. W. Board to all the E models of AVR-1403, AVR-1603 and AVR-1803 whose structures of the MINI TRANS sections are the same as AVR-140 G1C.
 - Contents of the Countermeasure:
 - 1) We additionally attached cushions between the bottom chassis and the P. W. Board of the MINI TRANS section.
 - 2) We fixed the leg section of the MINI TRANS section and the P. W. Board by using a Bond.
6. **MODIFICATION:**
 - 1) Remove nine screws on the Top Cover. (3 on the left, 3 on the right and 3 on the rear of the Top Cover.)
 - 2) Remove the P. W. Board and Back Panel from the bottom chassis together. Screws to be removed are as follows:
 - Remove two screws on the bottom. (Under the Heat-sink.)
 - Remove four screws on the edge of the Back Panel.
 - Remove eleven screws that are fixing the P. W. Board on the bottom chassis. (On the right of the Heat-sink: 5 screws. On the left side: 6 screws.)

- 3) Attach the Cushion (963 0099 709) on the pattern side of the P. W. Board of the MINI TRANS. (Fig. 1)
- 4) Apply Bond (SC608Z) to the leg portions of the MINI TRANS to fix the legs on the P. W. Board. (Fig. 2)

• **Modification part.**

Part Number	Part Name	ETR Part Number
963 0099 709	Cushion	4050-21040-500-0

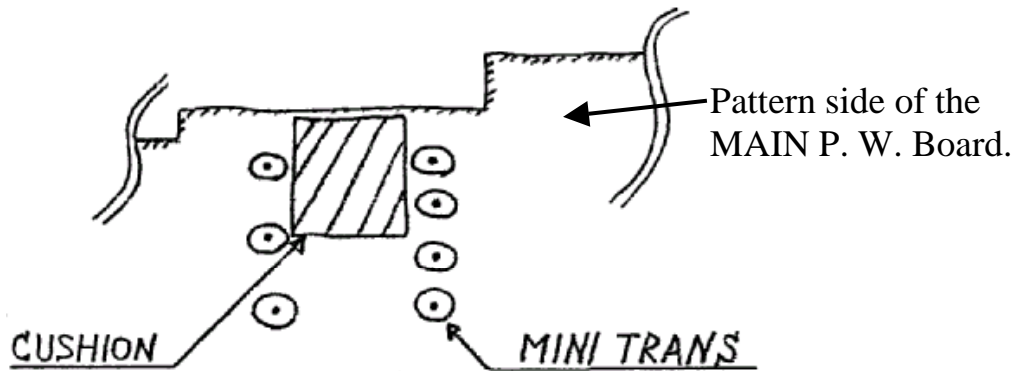


Fig. 1

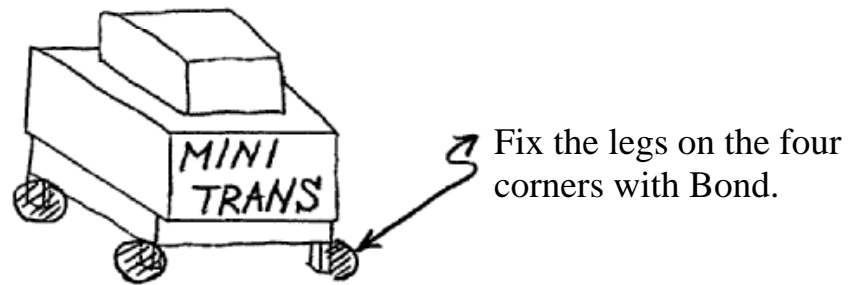


Fig. 2

6. APPLICATION OF THE MODIFICATION TO THE PRODUCTION MODELS:

We have applied the above modification to the production models commencing from the following serial numbers.

Model	Serial Number
AVR-483 BKEU	3xx3305601 ~
AVR-483 G1C	3033302101 ~
AVR-1403 G1C	3033302300 ~
AVR-1403 KE2	3xx3306661 ~
AVR-1403 KE3	3033317601 ~
AVR-683 BKEU	3xx3311401 ~
AVR-1603 G1C	3033330360 ~
AVR-1603 G1H	3053301501 ~
AVR-1603 G1K	3043300901 ~
AVR-1603 G1T	3043300901 ~
AVR-1603 GE1	3033305101 ~
AVR-1603 KE2	3033322551 ~
AVR-1603 KE3	3033324101 ~
AVR-1603 KEA	3xx3304501 ~
AVR-1603 KEK	3xx3301801 ~
AVR-883 BKEU	3053304501 ~
AVR-1803 G1C	3033302801 ~
AVR-1803 G1H	3043301701 ~
AVR-1803 G1K	3043300901 ~
AVR-1803 G1T	3043301201 ~
AVR-1803 GE1	3033302101 ~
AVR-1803 GE2	3043316001 ~
AVR-1803 KE2	3043319501 ~
AVR-1803 KE3	3043335501 ~
AVR-1803 KEK	3063301301 ~