

**SONY**

Dictation Products  
Service Bulletin

Sony Service Company - Technical Services  
A Division of Sony Corporation of America  
Sony Drive Park Ridge, New Jersey 07656

**Model:** BM-77/88

**No. 1**

**Subject:** Clicking Noise

**Date:** April 2, 1991

**Symptom:**  
(64)

When stopping from Play, the Cam Gear does not stop immediately and makes a clicking noise.

**Solution:** Serial Numbers 0500001 - 0502700 (BM-88):

Remove the main part of Stop Plunger PM-901 and the Diode D602 which is connected to the lead of PM-901. Install the dark green colored PM-901 from the repair kit. Solder the PM-901 leads directly to the board. There is no polarity of the leads.

Replace R636 100k Ohm to 100 Ohm.

Serial Numbers 0502701 - 0505100 (BM-88):

- o If the last two digits of Servo Board Part Number is -11:  
Replace the main part of PM-601 with the dark green one from the kit. R636 is already changed to 100 Ohm on this Board.
- o If the last two digits of Servo Board Part Number is -12:  
Replace the main part of PM-901 with the dark green one from the kit. Short the diode D602 which is mounted on the Board. R636 is already changed to 100 Ohm on this Board.

Serial Numbers 0505101 and Later (BM-88):

All Serial Numbers (BM-77):

The moving part of Stop Plunger PM-901 is the dark green one and the main part of PM-901 is the original light color one. If replacement of Stop Plunger is necessary, please make sure to replace with the exact same type part.

If both the moving part and the main part of PM-901 are dark green ones, the operation may not be steady. Make sure only one side is the green one.

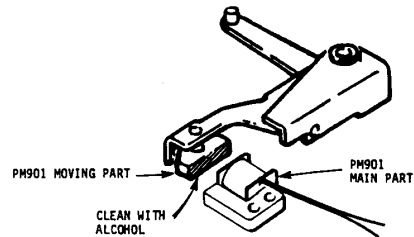
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**Reference:**

PRINTED IN U.S.A.  
CSA-15491-1

Dictator/Transcriber  
CSA-15

After replacement of PM-901, clean the moving part of PM-901 with alcohol.



Check the entire operation with 10% less AC input voltage. Make sure operation is O.K.

Description	Part Number
100 Ohm, 1/10W	1-216-025-00
Plunger Kit	X-3362-935-1

Plunger Kit Contains the Following:

