

SONY®

Hi-Fi Products Service Bulletin

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

Model: D-303

No. 219

Subject: Charging Voltage, Adjustment

Date: October 18, 1991

Symptom:

(**)

The adjustment procedure on page 8 of the Service Manual is incorrect. It should read "Charging Voltage Adjustment", instead of "Charge Det Voltage Adjustment".

Solution:

Follow the instructions below to correctly adjust RV401:

1. Connect a 240ohms dummy resistor and a VOM between the BP connection terminals (Figure 1).
2. Apply 9V DC to the DC in jack.
3. Adjust RV401 so that the voltage between the terminals becomes 4.85V to 4.90V.
4. Change the dummy resistor to 7ohms and confirm that the current through this resistor is between 600mA and 700mA (voltage between 4.2V and 4.9V).
5. Confirm that the charging mode is indicated on the display (Figure 2).
6. Remove the dummy resistor. The voltage between the BP connection terminals should not exceed 5V.

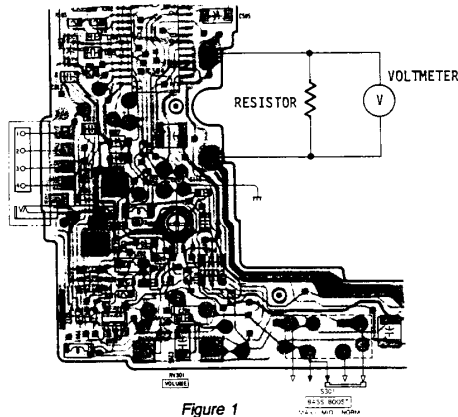


Figure 1

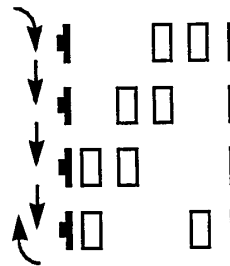


Figure 2