

# Hi-Fi Products Service Bulletin

CSA-13

Sony Service Company - Technical Services  
A Division of Sony Electronics Inc.  
Sony Drive, Park Ridge, New Jersey 07656

**Model:** MDS-501

**No.** 451

**Subject:** RF/Servo Board Procedure when replacing  
Optical Device

**Date:** November 10, 1995

**Symptom:**

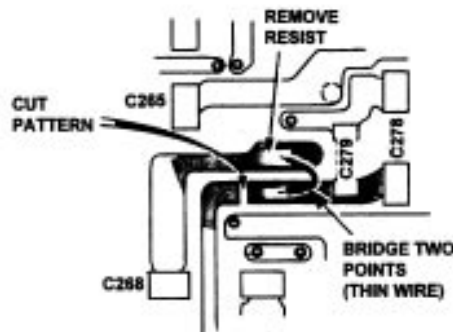
(\*\*\*\*)

The original optical device KMS-140B, (Ref. #21) P/N 8-583-003-21, has been replaced by the KMS-140C (P/N 8-583-005-11).

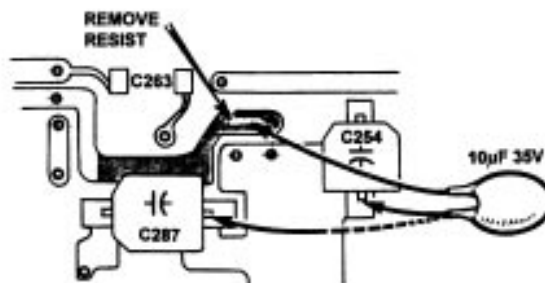
After replacing the optical device, you may find that the unit will play CD discs but not MO discs. Proper adjustment also may not be possible after replacing the optics.

**Solution:** Perform the following procedure on the conductor side of the RF/SERVO Board:

- Cut the pattern at the location shown below.
- Remove the resist on the board at the spots indicated, and bridge the two points using a thin wire.



- Remove the resist at the indicated spot.
- Solder the positive lead of a 10uf 35V Tantalum Capacitor (P/N 1-131-353-00) to the clean trace (see diagram below). Solder the negative lead to either C287 or C254. Verify that the height of the capacitor does not exceed 8mm (0.31 in.).



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