

SONY

Car Stereo
Service Bulletin

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

Model: CDX-44/6020/6060/R77/R79

No. 173

Subject: PLL Free-Run Frequency Adjustment Impossible
Date: October 15, 1990

Symptom:
(**)

According to the method of PLL free-run frequency adjustment in the service manual, reading of the frequency counter fixes at 5MHz, and the adjustment becomes impossible.

Cause: The crystal connected to the digital processing IC does not oscillate.

Solution: Set the unit to the service mode and adjust as follows:

1. Remove the soldering bridge (EFM) of the MD main board.
2. Connect the frequency counter to the test point (PLCK).
3. Connect IC501/Pin 18 (Main Micro) on the main board to GND.
4. Turn the power On and press the Play/Pause key. The unit is set to the Test Mode, and all LCD elements are lit.
5. Adjust RV505 so that the frequency counter reads 4.3218 \pm 0.01MHz.

Compact Disc

CSA-17