

**SONY.**

# Car Stereo Service Bulletin

**CSA-14**

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

**Model:** CDX-U300RF/U500RF; RM-X14      **No. 304**

**Subject:** Displayed Time May Lose Or Gain Several Minutes Per Month.      **Date:** October 19, 1993

**Symptom:**  
(13) The time shown on the display may lose or gain several minutes per month.

**Solution:** If the customer complains of this, make the following component changes and adjustment as shown below.

- 1- Change C508 and C509 from 22 pF to 10 pF.
- 2- Add a trimmer capacitor as shown in the drawing.

REF	FORMER		NEW	
	DESCRIPTION	PART NUMBER	DESCRIPTION	PART NUMBER
C508, C509	CAPACITOR, 22PF	1-163-235-11	CAPACITOR, 10PF	1-163-227-11
			CAPACITOR, TRIMMER	1 141-276-00

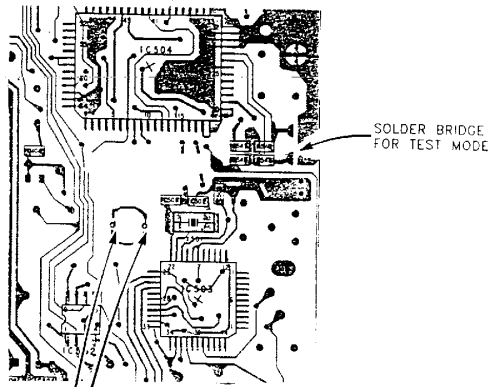
**Adjustment Procedure**

- 1- Put the unit in the test mode by adding a solder bridge as shown (this solder bridge grounds pin 27 of IC504).
- 2- Adjust the trimer capacitor so that the frequency measured on pin 40 of IC504 is 16.384 KHz.
- 3- Release the test mode by removing the solder bridge.

(Continued)



MOUNTING DIAGRAM



MOUNT TRIMMER  
CAPACITOR HERE

SCHEMATIC DIAGRAM

