

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: EXR-15, XR-2500

No. 393

Subject: Improving Display Readability.

Date: April 4, 1996

Symptom:
(13)

The display may be difficult to read under some conditions in certain installations.

Solution:

If the customer complains of this problem, implement the countermeasures shown below. **Please note that the specific countermeasures are dependant upon the serial number of the unit being repaired.**

REF	FORMER		NEW	
	DESCRIPTION	PART NUMBER	DESCRIPTION	PART NUMBER
9	PLATE, LIGHT GUIDE	3-909-885-01	PLATE, LIGHT GUIDE	3-935-089-01
R373	RESISTOR, 15 OHM	1-249-395-11	RESISTOR, 10 OHM	1-249-393-11
R374	RESISTOR, 47 OHM	1-249-401-11	RESISTOR, 10 OHM	1-249-393-11
R372 (OLD MCB)	RESISTOR, 47 OHM	1-249-401-11	NONE	
R372 (NEW MCB)	RESISTOR, 12 OHM	1-249-394-11	0 OHM JUMPER WIRE	

Procedure A (for EXR-15 up to serial number 500900 and XR-2500 up to serial number 525300):

1- Replace the light guide assembly, ref. 9 with an improved type.

2- Change R373 from 15 ohms to 10 ohms.

3- Change R374 from 47 ohms to 10 ohms.

(Continued)

4- Remove R372 (there is no marking on the board for this resistor. It is mounted to the same feedthroughs as R374, but on the opposite side of



the board).

Procedure B (for EXR-15 serial number 500901 and higher and XR-2500 serial number 525301 and higher):

- 1- Replace the light guide assembly, ref. 9 with an improved type.
- 2- Change R373 from 15 ohms to 10 ohms.
- 3- Remove R372 and replace it with a 0 ohm jumper wire.

MODEL		CIRCUIT BEFORE REVISION	CIRCUIT AFTER REVISION
FORMER PCB	XR-2500 EXR-15		
NEW PCB	XR-2500 EXR-15		



FORMER PCB	<p>CHANGE 47Ω TO 10Ω</p>
NEW PCB	<p>(NO CHANGE)</p>