



DVD-S1500

DVD-Audio/Video and Super Audio CD Player



DVD-S1500

In this presentation I would like to bring to your attention the type of faults I have been experiencing also making you aware of some service bulletins that are applicable to this model.

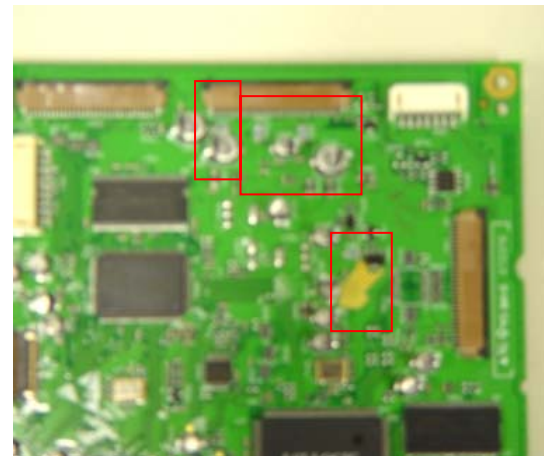
I also cannot stress the importance of any unit having the latest firmware, the reason for this that there are a number of hidden fixes in them. We all know today that software revisions can make huge improvements, so please make it your first step in repairing any unit, upgrade the firmware first.

To check **firmware version**, first open tray then press menu on remote control.



DVD-S1500 Internals

- There are a no. of common faults now with this model, the most common remedy on this model is a firmware upgrade version 72.
- Other faults are no component output, a firmware upgrade usually solves this fault or you have no power which normally is a blown smd fuse (there are four fuses on the mono board.



Fuse locations

DVDS1500 service news

Service News

YAMAHA CORPORATION P.O. BOX 1, HAMAMATSU, JAPAN

DVD-S1500/DV-S5770
(DVD-S2500)

Audio

BULLETIN NO. E-987

DATE: April 2001
RELATED
BULLETIN NO.: E-976

Disc Motor Noise

SYMPTOM: Although a very rare case, it appeared that a motor vibration noise in a unit when we play a CD or DVD. The symptom is more likely to happen using an eccentric or unbalanced disc.

CAUSE: It occurs due to the production variations with the disc motors.

SOLUTION: Replacing to a new improved motor will have less vibration.
When you check the disc motors for good or no good, you should play the 140um eccentricity disc (TX911930) and check for the vibration noise.

NOTE: You can confirm whether the motor is new or old by checking the label number on each motor.



Old type FC08C



New type FC08K

PART(S):

Ref. No.	Part No.	Description	Remarks
1003-1	AAK69940	DVD LOADER A97SL-S (CABLE)	3141 018 05183

Though the new type motors are used in the DVD-2500 from the beginning, the parts list in the service manual incorrectly shows the old part number. Please correct the part number.

DVD-S1500 service news

Service News		Audio
<small>YAMAHA CORPORATION P.O. BOX 1, HAMAMATSU, JAPAN</small>		<small>BULLETIN NO. E-976 1/2</small>
<small>DVD-S1500 DV-S5770</small>	<small>REVISED</small>	<small>DATE: March 2005 RELATED BULLETIN NO.</small>

A Full Module Replacement is Required from Old type to New type of Loader

PURPOSE: The loader module was changed from December 2004 production. To keep consistency between old type loader module and new type one, if it becomes necessary to replace an old type module (basic engine A97HL, PCB assembly and Flat cable), it must be replaced with a set of new type. The Global Service Parts Center provides new type of components only.

PARTS: Old type of module/components AAX37650 is not available to deliver. Instead, the following components are ready to deliver.

New type of components

Part No.	Description	Remarks
AAX62110	DVD LOADER A97SL-S (CABLE)	314101805182
AAX61560	Mono PCB SD32(S)XSA 4FL DV	313924883661



New loader



New pcb with S137n_01



Old pcb with S075n

[http://plaza.yamaha.co.jp/ysiss/avnews.nsf/name/2e00976.pdf/\\$File/2e00976.pdf](http://plaza.yamaha.co.jp/ysiss/avnews.nsf/name/2e00976.pdf/$File/2e00976.pdf)

DVD-S1500 service news

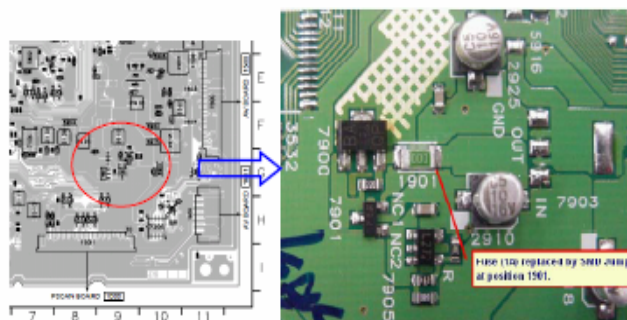
<i>Service News</i>		<i>Audio</i>
YAMAHA CORPORATION P.O. BOX 1, HAMAMATSU, JAPAN		BULLETIN NO. E-1013
DVD-S1500/DV-S5770 DVD-S2500		DATE: January 2006 RELATED BULLETIN NO:

No Power

SYMPTOM: No Power (No FL Display, No Functions)

CAUSE: Due to insufficient capacity of fuse 1901 (1A/125V) on the MONO PCB, it opens for no reason.

SOLUTION: The fuse 1901 (1A/125V) on the MONO PCB is replaced with a 0 ohm jumper resistor.



PART(S):

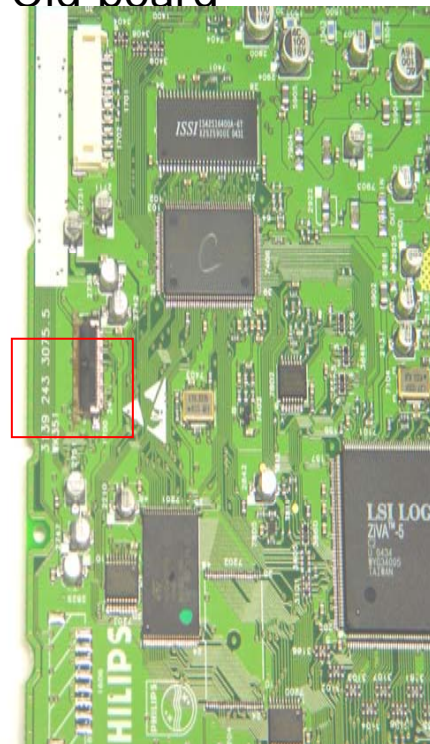
Ref. No.	Part No.	Description
1901	RD150000	Jumper Resistor 0 ohm 1/4W

[http://plaza.yamaha.co.jp/ysiss/avnews.nsf/name/2e01013.pdf/\\$File/2e01013.pdf](http://plaza.yamaha.co.jp/ysiss/avnews.nsf/name/2e01013.pdf/$File/2e01013.pdf)

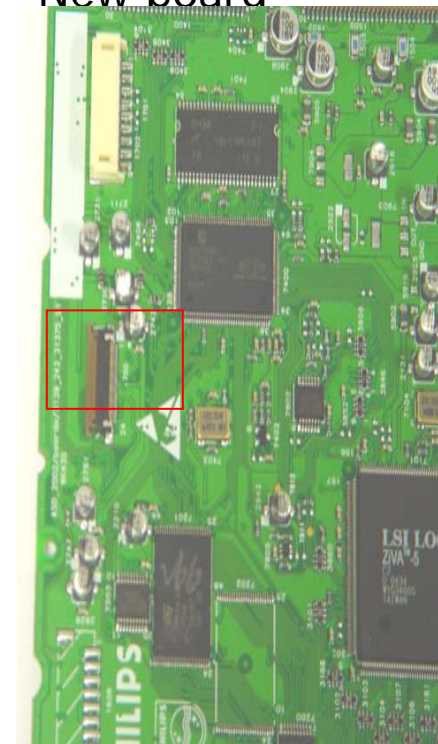
DVD-S1500

- Please notice which board type you have by the laser flex connector on the board. Also checking the board no. located in front of the connector will help you distinguish which version you have.

Old board



New board



DVD-S1500 Firmware procedure

5 Make a Memorandum of 8 number of Region code (depends on country 8 numbers is different)

6 Set the UPGRADE disc on the tray and then close it by pressing OPEN/CLOSE Button.

7 The player reads UPGRADE disc.

8 The reprogramming starts automatically. (FL-Display shows "UPGRADE") It takes about one and half minutes to complete reprogramming.



9 When the reprogramming is completed, the disc tray opens automatically.

10 Disconnect AC power cable and remove UPGRADE disc. ***1**

11 Connect AC power cable. After around **1 minute more**, the tray closes automatically. ***1**

12 The unit will be turned on, then turned off automatically (Momentary FL-Display show then off). ***1**

13 Turn on the power. Wait until "No Disc" message appears on the FL-Display.

*YAMAHA GUI appears on screen at this time (PAL signal)

14 Set the region code to your area as following.

15 Press the memorandum of 8 numbers keys as explained in the step 5:

16 <PLAY> then <2><7><4>

FL display shows: " _ _ _ _ _ "

Press the following keys:

<2><7><4> <2><7><4> <2><7><4> then <PLAY> again.

17 Confirm the firmware version # by operating the remote control as explained in the step 4.

The indication should be SD5.2-1500-72.

18 Play a music CD and DVD for functional test before repacking the unit.

Code to be entered in step.16.

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NOTES: *1

After reprogramming, the unit is unstable until finishing upgrade (step 12).

Therefore, do not press any keys and remote while 10-12 steps.

If you failed the upgrade, worst case you have to replace the DVD Loader with mono board.



DVD-S1500

- Other faults I have experienced are faulty mechanism.
- Please contact me if you require further assist with the repair.

Peter Vassilopoulos

Technical Support

1800 806 266

peter_vassilopoulos@gmx.yamaha.com

Other resources for you are:

<http://plaza.yamaha.co.jp/ysiss/avindex.nsf>

<http://www.yamahamusic.com.au/support/servicecentre.asp>