
MODIFICATION

Adding Protection circuit after changing the laser mechanism

This will prevent further damage by ESD, power surges etc.

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After changing the laser mechanism (partno: 4102-5002-0) please perform the following modification:

- 1) Change R137 from 10 Ohm to 20 Ohm 1/8 W min.
- 2) Add a diode 1N4148 between LD and GND on J2 (cable connection to laser unit), Kathode to LD.
- 3) Cut trace just after collector Q101.
- 4) Add coil 10uH in between here.

The required parts are available from FED in a small kit, partno: 522-LASER-PROT-KIT

PRODUCTION:

Please note this modification is being implemented in running production.

The Nad 524 already has this modification except for: 1) Change R137

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Signal display circuit change

***PROBLEM:** Poor sensitivity of the signal strength bar graph.*

***CAUSE:** The polarity of capacitor(C739 10uF/16Vor 25V)and the pcb marking is reversed on the board.*

***SOLUTION:** Invert capacitor(C739 10 uF/16V or 25V) by connecting its negative lead to ground and the positive lead to pin 12 of U701.*

PRODUCTION:

This modification has been implemented in production from serial number:G13L4013553

Contact:

NAD Electronics International
633 Granite Court
Pickering, ON Canada L1K 3K1
Voice: 905-831-0799 FAX 905-837-6357
NAD@www.NADelectronics.com

If the cd player has a complaint of not able to play a cdr or out of tolerance discs, try replacing these capacitors with the following values. This will also provide a cure on some players for "NO DISC" message.

C122 is changed to 2.7 pF.

C123 is changed to 0.01 uF.

C124 is changed to 22 pF.

PRODUCTION:

This change has been implemented in production from serial number:G1XL4014653-14752

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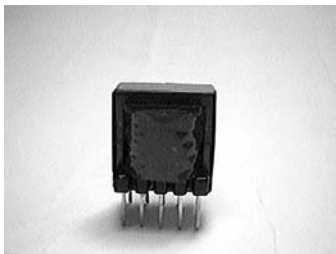
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Circuit Change

PROBLEM: Original transformer for the L40 back light display was changed in production.

The first transformer was a 3 pin module inverter package. The second transformer is a 9 pin stand alone transformer. The part numbers for the two parts is shown below.

Order part according to the diagram below.

9 PIN TRANSFORMER

PART NUMBER#1806-2320-0
(new version)

3 PIN TRANSFORMER MODULE

PART NUMBER#1806-2217-0
(original in service manual)

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