

harman/kardon

Service Bulletin

Service bulletin # HK2004-03 October 2004

Warranty labor rate: MINOR repair

To: All harman/kardon Service Centers

Model: DVD22

Subject: Locked in POWER ON

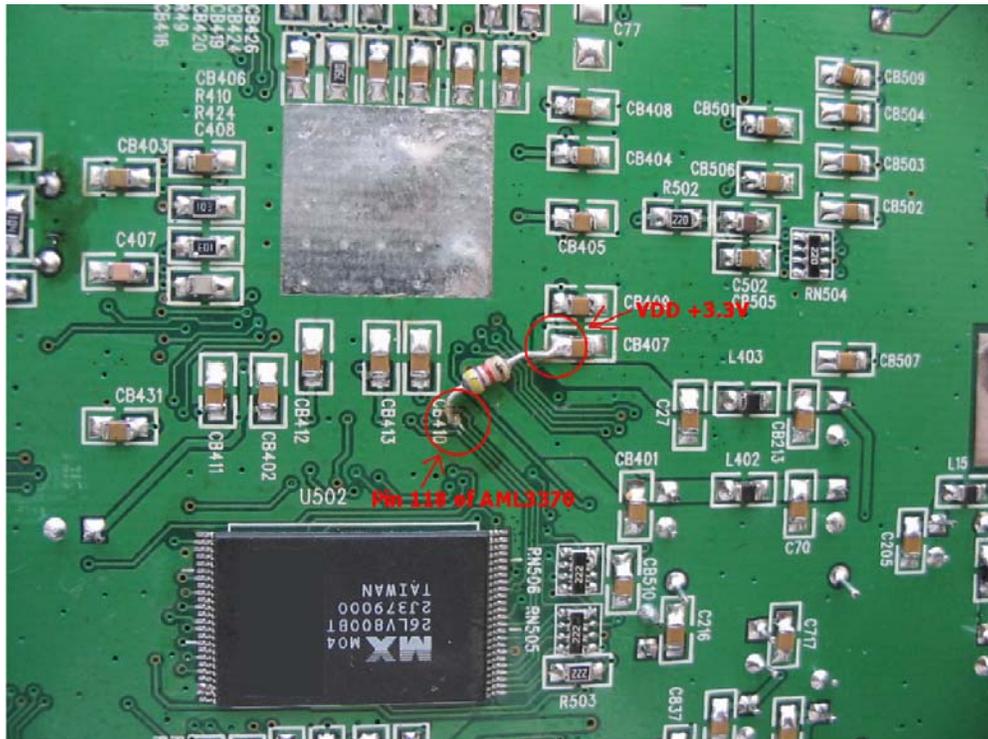
In the event you receive a DVD22 with the complaint: "The unit will turn ON with "POWER ON" in the display, but the unit is locked up and will not read a disc, nor will pressing any button accomplish anything, even the Power button", follow the instructions below.

(Behavior is intermittent; unplugging the AC power cord and replugging the unit in will sometimes reset it.)

Synopsis: Add a 4.7K ohm resistor to the indicated area on the bottom of the Main PCB.

CAUTION: The DVD22 is an electrostatically sensitive unit and can be damaged by careless handling; you must follow proper static control procedures to prevent damage to the DVD player.

- 1) Remove the eight plated screws holding the top cover to the unit; remove the top cover.
- 2) Remove the four moxex connectors and one small FFC cable from the Main PCB.
- 3) Remove the five plated machine screws (top) and the five black screws (rear panel) from the Main PCB.
- 4) Remove the Main PCB from the unit.
- 5) On the reverse side (bottom), solder a 4.7K Ω 1/8W resistor (h/k part#299-4.7K or WLD5.630.472) to the indicated area. (Attach one end of the 4.7K Ω resistor to one end of CB407, the other side, to a small through-hole pad near the silkscreen label "CB410").
- 6) Replace the Main PCB and assemble the unit in reverse order.
- 7) Test the unit.



Model	Serial Number	Status	Action
DVD22 (120v)	WA0007-01000 to WA0007-10449	Unit may lock up after Powering ON	Add 4.7K ohm resistor
DVD22 (120v)	WA0007-10450 and above	Modified by Factory	None Required
DVD22 (230v)	WA0008-01000 to WA0008-26827	Unit may lock up after Powering ON	Add 4.7K ohm resistor
DVD22 (230v)	WA0008-26828 and above	Modified by Factory	None Required
DVD22BK (230v)	WA0012--01000 to WA0012-05020	Unit may lock up after Powering ON	Add 4.7K ohm resistor
DVD22BK (230v)	WA0012-05021 and above	Modified by Factory	None Required