

Re: Blown caps in DVD player

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Nospam <Pete@xxxxxxxxxxxxx> writes:

Have a DVD5052M DVD player that was powered up when it was found to be dead. Power checked was ok, last used a couple of months ago. Opened and found two caps had exploded with contents/foil spread across SMPSU board. Likely that I can identify them from the remains so as to replace them.

Question is in view that power was still on (fuse appears ok) and the foil found between other components what is the likely hood that replacement of the caps would restore functionality or would it be more likely that other damage has occurred?

If repair is considered feasibility, apart from replacement of one with a slight bulge on the top what other checks can I carry out on in situ caps?

Check semiconductors for shorts, low value resistors for opens, and wish yourself luck. :) If it's like the one I just repaired that had a bulging high ESR cap, there are only a very few semiconductors, maybe an 8 pin IC that's the actual switching component.

See the SMPS repair guide at the site below.

If the power supply unplugs from the DVD mainboard, it might be worthwhile to test it first with dummy loads to make sure it's properly regulating once the bad parts are replaced.

--- sam | Sci.Electronics.Repair FAQ: <http://www.repairfaq.org/>
Repair | Main Table of Contents: <http://www.repairfaq.org/REPAIR/>
+Lasers | Sam's Laser FAQ: <http://www.repairfaq.org/sam/lasersam.htm>
| Mirror Sites: http://www.repairfaq.org/REPAIR/F_mirror.html

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