

# Problems with a Pioneer CT-F1250 cassette deck

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Hello all,

I recently rescued an old and beautiful Pioneer CT-F1250 cassette deck from a friend's trash heap! It was in great shape but appears to need some work to bring it back up to spec again.

Most seriously, there is a large power resistor (7W, 12ohms) on a vertical board that overheats (to the point of smoking!). I believe this may be related to the quartz lock circuitry, because it only happens during playback and record, and the circuit board has one section that is labelled "pulse count". The second issue that it seems to have is that the tape calibration doesn't seem very stable --- the ideal setting for each knob (bias/level/eq) seems to fluctuate over time, even over the course of a calibration run.

Can anyone offer any hints and tips in troubleshooting and repairing one of these grand decks? Or possibly someone willing to share a copy of the service manual? It is in fantastic shape and I'd hate to see it go to waste!

Thanks in advance,  
Mike