

Sharp Microwave powers down after 40 seconds, need assistance

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Sharp Model R1810 Carousel II microwave starts and cooks(heats) but shutdowns after about 40 seconds. Electronic control board display stays lit, countdown stops and displays remaining time--magnetron cooling fan works during the first 40 seconds but then shuts off--just before shutdown, fan speed increases(doubling or tripling in speed) These items seemed to check out good with VOM--

power fuse

interlock switches (2)

monitor switch

capacitor

diode

thermal cutout switch(only found one)

fan motor

power transformer

Additional trouble shooting note--a power surge protector I had plugged the microwave into was discovered fried--suspect a near by lightning strike?

Read an informative article by Sam Goldwasser-- "NOTES ON MICROWAVE OVEN FAILURE DIAGNOSIS AND REPAIR v1.01" but need more help. Thanks