

TechInfo Sheet

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Audio Visual

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Product Group: VCR

Model: NV-FS90B

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Subject: Common Faults

NV-FS100 & NV-FS90 Common Faults

Dead, no power supply.....	C1113 open circuit - 1uF at 400v
Dead, no power supply.....	D1116 short circuit - MA2160A
D1116 short circuit.....	C1117 open circuit - 56uF at 50v
Bad playback picture VHS.....	C3501 open circuit - 1uF at 50v
Bad playback picture S-VHS.....	IC303 faulty - VEFH05B
Fine diagonal lines on playback.....	C3311 open circuit - 3.3uF at 16v
Bad drop-out on playback.....	C3311 open circuit - 3.3uF at 16v
Intermittent drop-out on playback.....	Replace static brush - VXS0113
Drop-out on playback.....	Replace C3322 with a 0.1uF capacitor
Vertical lines on playback.....	C3516 open circuit - 3.3uF at 16v
Dark smearing to right of playback picture.....	C3506 open circuit - 3.3uF at 16v
Not recording control pulses.....	C2311 open circuit - 1uF at 50v
Badly distorted E to E picture.....	C3810 open circuit - 3.3uF at 50v
Smearing on E to E picture.....	C3808 open circuit - 3.3uF at 10v
Shading on E to E picture.....	C730 & C731 open circuit - 10uF at 16v
Patterning on E to E picture.....	C7678 open circuit - 10uF at 16v
Mechanism cuts-out in some modes.....	C6017 open circuit - 47uF at 6v
Squeaking between mode changes.....	Worn capstan rotor soft brake - VXL1873
Noisy in rewind and fast forward.....	Worn belt tension roller - VXA3516