

THOMSON TECHNICAL INFORMATION

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Product Support • Mail Stop INH 535
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VCR Service Bulletin

VCR 95-016

File In Appropriate Section of Your Thomson Technical Bulletin Binder

DATE: August 18, 1995

Warranty Labor Rate: Major

MODELS: VR332, VR528, VR538, VR539, VG4038 AND VG4039

TOPIC: DP026/DP027 DIODE FAILURES

Symptom: VCR is completely dead.

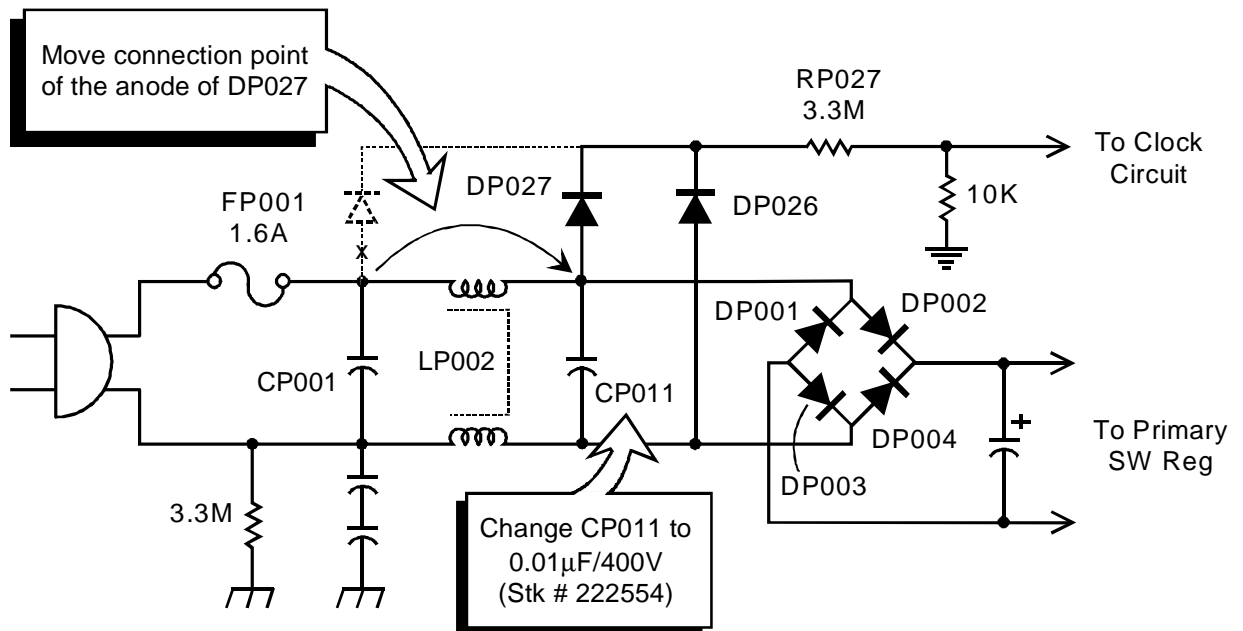
Cause: Fuse, FP001 found to be open and diodes, DP026 and DP027 shorted.

Cure: Perform the circuit modification described below to improve the ability of diodes, DP026 and DP027 to handle higher line voltage surges. When replacing defective diodes, DP026/DP027 and fuse, FP001, use **modification kit, stock # 231734** which includes two diodes, one fuse and a new value capacitor for CP011. See the schematic below and board view on the reverse side.

If this modification is being made before this failure occurs, the following two steps must be performed.

1. Re-locate the connection point of the anode of the original diode, DP027 (per drawing below and on the reverse side).
2. Replace CP011 with the a new value capacitor (stk # 222554).

Note: Both the re-location of DP027 and installation of a new value CP011 must be performed to increase the protection for DP026 and DP027.



Product Safety Information

Product Safety information is contained in the appropriate TCE Service Data covering models/chassis referenced in this bulletin. All specified Product Safety requirements and testing shall be complied with prior to returning equipment to the customer. Servicers who defeat safety features or fail to perform safety checks may be liable for any resulting damages and may expose themselves and others to possible injury.

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