

S E R V I C E N O T E

SUPERSEDES: 70001A-15

70001A Mainframe**Serial Numbers:** 0000A00000 / 3038A04500**Intermittent capacitors and inductor****Situation:**

All electrolytic 1200 uF capacitors (part number 0180-3478) manufactured by SPRAGUE since 1990 are suspected to have inferior construction and **MUST BE REPLACED**. Bad date codes range from 9040H to 9148H. There are two of these capacitors used on the 70001A mainframe power supply board. The reference designators for the parts are A1C209 and A1C210.

Construction of A1L1 (part number 9140-0871) has been proven to be ineffective against specified levels of vibration testing and therefore requires RTV non-conductive silicon caulk applied around its perimeter to essentially “glue” the inductor to the power supply board. This is required in order that the 70001A mainframe will reliably pass FCC Class B environmental vibration tests.

Solution/Action:

Replace all 1200 uF SPRAGUE capacitors (part number 0180-3478) that have datecodes of between 9040H and 9148H inclusive with new capacitors. Verify the datecode of the replacement capacitors is good.

Continued

DATE: 08 June 1992

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	☐ IMMEDIATELY ☐ ON SPECIFIED FAILURE ☒ AGREEABLE TIME	STANDARDS: Labor 2.0 Hour	
LOCATION CATEGORY:	☐ CUSTOMER INSTALLABLE ☐ ON-SITE ☒ SERVICE CENTER	SERVICE INVENTORY: ☐ RETURN ☐ SCRAP ☒ SEE TEXT	USED PARTS: ☐ RETURN ☒ SCRAP ☐ SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE		AGILENT RESPONSIBLE UNTIL: March 1994
AUTHOR: SR	ENTITY: 5300	ADDITIONAL INFORMATION: Charge repair time and parts to warranty.	

Apply a liberal bead of RTV silicon glue (p.n. 0470-0450) around the base of A1L1 (p.n. 9140-0871) on all mainframe power supply boards in 70001A mainframes with serial numbers 3038A04500 and below.