

S E R V I C E N O T E

SUPERSEDES: None

83220A DCS/PCS Test Set

Serial Numbers: 3842U00618 / 3842U00651
 + all units through the division from
 29th October 1998 to 15th April 1999.

WARNING

POSSIBLE FIRE HAZARD

Incorrect value of line fuse fitted, combined with the failure of a component in the power supply secondary rectifier circuits, may create a fire hazard.

NOTE

This fuse can be safely changed by a customer.

Duplicate Service Notes: 83220E-03-S

To Be Performed By: Customer Installable

Continued

DATE: May 1999

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
PRIORITY SAFETY			
ACTION CATEGORY: IMMEDIATELY		STANDARDS: LABOR 1.0	
LOCATION CATEGORY:	<input checked="" type="checkbox"/> ON-SITE <input type="checkbox"/> SERVICE CENTER	SERVICE INVENTORY:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input checked="" type="checkbox"/> SEE TEXT
		USED PARTS:	<input type="checkbox"/> RETURN <input checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	ALWAYS	AGILENT RESPONSIBLE UNTIL: ALWAYS	
AUTHOR: RS	ENTITY: E600	ADDITIONAL INFORMATION:	

Parts Required:

P/N	Description
2110-0303	2.0A T 250V fuse (For 100V and 120V operation)
2110-0304	1.5A T 250V fuse (For 220V and 240V operation)

Situation:

The line fuse for the 83220A/E is situated in the mains input module. A 20A 32V fuse was possibly fitted instead of either one of the correct parts as described above. The hazard exists only in a single fault condition: when the fitted fuse would fail to protect the power cord, line power module, primary wiring and mains transformer from an over-current condition. The resulting heating effects of the current flowing through the devices may cause a fire to occur.

Solution/Action:

The hazard can be eliminated by installing the correct value of fuse for the operating line voltage.

Reference 83220A/E DCS1800 Test Set User's Guide Chapter 1 Page 5 Fuses and Power Cords

- (1) Remove the power cord from the line power module.
- (2) Open the cover door of the line power module using a small standard screwdriver.
- (3) Remove the arrowed fuse holder and dispose of the fitted fuse
- (4) Place the new supplied fuse into the fuse holder, and re-insert the fuse holder into the line power module
- (5) Close the cover door by pressing it firmly.