

8514A-04

S E R V I C E N O T E

SUPERSEDES: NONE

HP 8514A Test Set

Serial Numbers: 0000A00000 / 9999Z99999

D.C. Return Upgrade Kit

Duplicate Service Notes: 8514B-01
8517B-01
8515A-04
85110A-01
8517A-01
85110L-01

To Be Performed By: HP-Qualified Personnel

Parts Required:

HP P/N	Description
08510-60119	D.C. Return Upgrade Kit

Continued

DATE: October 1995

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	☐ IMMEDIATELY ☒ ON SPECIFIED FAILURE ☐ AGREEABLE TIME	STANDARDS: LABOR 1.0 Hours	
LOCATION CATEGORY:	☐ CUSTOMER INSTALLABLE ☐ ON-SITE ☒ HP LOCATION	SERVICE INVENTORY: ☐ RETURN ☐ SCRAP ☒ SEE TEXT	USED PARTS: ☐ RETURN ☐ SCRAP ☐ SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE		HP RESPONSIBLE UNTIL: Product's support life
AUTHOR: JB	ENTITY: 5340	ADDITIONAL INFORMATION:	

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Situation:

The 8514A/B, 8515A, 8517A/B & 85110A/L test set switch splitter/switch driver generates a pulse each time the switch splitter switches between port 1 and port 2. These pulses get capacitively coupled through the switch splitter and into the 8360 series source. The source ALC loop reacts to the pulses so that the 8360 generates an overmodulation error which gets reported to the 8510C when using the power domain feature included with 8510C rev C.07.00 firmware or greater.

Situation/ Action:

The over modulation error can be eliminated by installing the D.C. return upgrade kit HP part number 08510-60119. The kit contains the necessary parts and instructions to eliminate this possible overmodulation error. This upgrade is only necessary in systems with the following sources:

Source	Serial prefix
HP83620/22/30/50	3245A/9999A
HP83621/31/51	3139A/9999A