

INFORMATION ONLY – DOES NOT COMMUNICATE
A MODIFICATION OR SAFETY CONDITION

54831-03

S E R V I C E N O T E

Supersedes:
NONE

54831B

Serial Numbers: ALL

Error's in service manual 54830-97001.

Parts Required:

P/N	Description	Qty.
NONE		

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION: INFORMATION ONLY
AUTHOR: QV PRODUCT LINE: 1A
ADDITIONAL INFORMATION:

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Situation:**Error in service manual 54830-97001.**

1. There is no CD-ROM removal Procedure. Use the procedure in the 54845B/46B service manual until revision comes out.
2. External Trigger Sensitivity is as follows:
 - a. Dc to 100MHz: 0.05x(signal range)
 - b. 100MHz to 500MHz: 0.10x(signal range)
3. Input Impedance (resistance) is as follows:
 - a. 50 Ohm: +/- 1.0%
4. DC Calibrator Specifications
 - a. Performance test record result should be between .998 an 1.002
5. Time Measurement Accuracy Specification
 - a. Equivalent Time: (≥ 16 averages)
 $\pm [(0.0015 * dT) + (\text{full scale}/(2 * \text{memory depth})) + 30\text{ps}]$
6. Replacement Part Number Errors
 - a. A14 2090-0365 not available use A13 2090-0396.
 - b. A4 86100-66517 needs to be 54810-66541.
 - c. B1 3160-0644 needs to be 3160-4134.
 - d. W3 54801-61640 needs to be 54810-61618
 - e. W4 54810-61601 needs to be 54810-61621.
 - f. H14 0515-0456 needs to be 0380-4445.

Solution/Action:

There will be an updated manual release around May 2002. Until then just use this service note as your information to correct these errors.