

## S E R V I C E N O T E

SUPERSEDES: None

**34401A Multimeter****Serial Numbers:** 3146A00100 / 3146A03335 (Firmware Revision 1 – REV 01-01-01)**Explanation of indicated calibration failure of AC current****Situation:**

Starting with Revision 2 firmware (REV 02-01-01) a calibration was added at the 10 mA level on the 1 A AC current range. Units prior to this revision will meet specifications but are not designed to accept a calibration at this point. However, using the STE9000 test software (Application Part #5011-1013) they will indicate “fail” for this adjustment on the SCAT II “adjustment report” if the AC current calibration is attempted.

The current 34401A Service Guide discusses this adjustment procedure in more detail in Chapter 4 in the section titled “1/100th Scale AC Adjustment Procedure”.

**Solution/Action:**

A copy of this Service Note may be sent with the calibration report to explain the indicated “fail” in the adjustment portion of the calibration report.

Verify that the “outgoing” performance test data indicates a “pass” for this test point. This certifies that the product is properly calibrated.

NOTE: The firmware revision number can be obtained from the 34401A front panel. The AC current adjustment may be omitted by the test system operator. This action will result in a “not done” entry in the adjustment portion of the calibration report.

DATE: 03 March 1994

## ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:

**INFORMATION ONLY**

AUTHOR:  DL	ENTITY:  0940	ADDITIONAL INFORMATION:
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