

PRODUCT SAFETY SERVICE NOTE

P.C. None

SUPERSEDES
410C-14**-hp- MODEL 410C ELECTRONIC VOLTMETER
ELIMINATION OF A POTENTIAL SAFETY HAZARD**

Serial Numbers: All Serial Numbers above 0982A17729 are known to comply with current safety standards. Serial Numbers below these should be checked as indicated below.

WARNING

The set screws on some Model 410C's float at the same potential as the input LOW terminal.

A kit, -hp- Part Number 00410-69503, is available for updating your instrument to conform to new safety specifications. Installation time is approximately 1/2 hour.

CHECKING FOR ISOLATION.

1. With the LINE switch off, remove all connections to the 410C.
2. With an ohmmeter set to the 1 k Ω range, connect one lead of the ohmmeter to the common (COM) lead of the 410C and the other ohmmeter lead to the set screws of each knob one at a time.
3. The ohmmeter should not indicate continuity.
4. If the meter does indicate continuity then it is recommended that the modification be installed.

PARTS INCLUDED IN KIT PART NUMBER 00410-69503

Quantity	Description	Part No.
1	Service Note	410C-14A-S
2	Knob, wing, collet, 21 mm	03300-67402
1	Cap, knob, 20 mm	5040-8016
1	Knob, round, collet, 14.5 mm	0370-2559
1	Cap, knob, 13 mm	0370-2560
1	Label, warning	7120-4082

JLA/dlh/WN

01/76-09

Printed in U.S.A.

HEWLETT  PACKARD

MODIFICATION.

1. Remove the AC ZERO, FUNCTION SELECTOR and RANGE knobs and discard.
2. Install one wing knob on the FUNCTION SELECTOR shaft and tighten the collet nut with a 9 mm nut driver.

NOTE

If the shaft is extremely polished, it may be necessary to slightly burr the shaft to prevent slippage. This may easily be done with a pair of common pliers by grabbing the shaft with the jaws and rocking the pliers back and forth slightly.

3. Install the round knob on the AC ZERO shaft and tighten the collet nut with a 6 mm nut driver.
4. Install the round knob on the AC ZERO shaft and tighten the collet with a common screwdriver.
5. Install the other wing knob on the RANGE control shaft and tighten the collet nut with a 9 mm nut driver.
6. Install the 20 mm knob cap on the RANGE knob. *Be sure the cap is properly oriented before pressing into place. One of the plastic fingers on the cap is larger than the others.*
7. Place the warning label on the modified instrument in a prominent location.
8. Repeat the isolation check to insure proper installation of modification.
9. Check the operation of the instrument. No calibration should be required. Add the parts list to your Operating and Service Manual's Table of Replaceable Parts. *Add the sentences in italics under Steps 3 and 7 to Section V of your Operating and Service Manual.*