

MODIFICATION RECOMMENDED –
CORRECTS MANUFACTURING OR DESIGN DEFECTS

E3103B-02

S E R V I C E N O T E

Supersedes:
None

E3102A Advanced Parametric Tester
E3102B Advanced Parametric Tester
E3103A Ultra Advanced Parametric Tester
E3103B Ultra Advanced Parametric Tester

Serial Numbers: E3102A JP40G20609, 610, 613-617, 621-624, 626, 629 630, 633, 635-639, 642-645, 650, 652-656, 662, 664, 666-670, JP10H90223/JP10H90236
E3103A JP30H30331-334, 336-346, 348-381
E3102B JP10L00193, 201, 206, 210, 211, 213, 216-219, 222-225, 229, 230, 234, 236, 238-243, 245-250, 257, 258, 260-262, 266-268, 271, 272
E3103B JP10L10201, 202, 206-210, 212-221, 223, 225-230, 234-252, 254
(4070 tester which include 3458A serial number US28031400/US28032927)

3458A fails diagnosis DVM test

To Be Performed By: Agilent-Qualified Personnel

Parts Required: E3160-69101 3458A Digital Multimeter Exchange (Provided by HSTD)

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:					
MODIFICATION RECOMMENDED					
ACTION CATEGORY:	<input type="checkbox"/> IMMEDIATELY <input checked="" type="checkbox"/> ON SPECIFIED FAILURE <input type="checkbox"/> AGREEABLE TIME	STANDARDS:	LABOR: 5 Hours		
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input checked="" type="checkbox"/> ON-SITE <input type="checkbox"/> SERVICE CENTER	SERVICE INVENTORY:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT	USED PARTS:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	AGILENT RESPONSIBLE UNTIL: September, 2006			
AUTHOR: SY	PRODUCT LINE: 1H				
ADDITIONAL INFORMATION:					

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Situation:

The 4070 tester shipped with wrong 3458A. It includes failure hybrid IC and reference diode. Diag4070 DVM test will fail with this failure 3458A. In worst case, 3458A selftest failure occurs. If the diag DVM test failed, the 3458A DVM needs to be replaced with good one that will be provided by HSTD.

Solution/Action:

Replace the 3458A with good one that is provided by HSTD.

If the diag failure happened, contact to HSTD,SVC-SUPPORT with tester model name, tester S/N, and 3458A S/N. If this is urgent 3458A problem, HSTD will send the 3458A for this Service Note.

Also, we HSTD start “3458A exchange program”. This program will cover with all 3458A in 4070 series tester that S/N is described as above on this Service Note. For “3458A exchange program” 3458A will be sent from HSTD as we HSTD scheduled.

1. Before replace the 3458A, execute PV4070 DVM test to confirm the recent situation.
2. Replace the 3458A.
3. Execute PV4070 DVM test for verify

When the CE fill in CSO, please specify this Service Note number on SO Activity field. Also, replaced 3458A should be send back to HSTD with information includes customer name, tester model, original 3458A S/N, replaced 3458A S/N, and CSO number.