

S E R V I C E N O T E

SUPERSEDES: NONE

HP E1740A Time Interval Analyzer

Serial Numbers: 3323A00101 / 3323A00451, 3332A00417, 3458A00590
3548A00112 / 3548A00677

Latency Test Failure caused by Motorola chips**To Be Performed By:****HP-Qualified Personnel****Parts Required:** HP P/N Exchange Assembly E1740A-69021 (Quantity 1)**Situation:**

HP E1740As with Motorola chips on locations U5 and U42 on the High Speed Board, E1740-68001/11/21, that have date codes 95XX and 96XX cause the Latency Test to fail during calibration. Although the Latency Test fails, the function of the E1740A is not affected.

Continued

DATE: July 1997

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 0.5 Hours	
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> HP LOCATION	SERVICE INVENTORY: <input checked="" type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT	USED PARTS: <input checked="" type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE		HP RESPONSIBLE UNTIL: July 1999
AUTHOR: FL	ENTITY: 0200	ADDITIONAL INFORMATION:	

Solution / Action:

If the Latency Test fails during calibration, disassemble the HP E1740A per instructions described in the HP 75000 Series C, HP E1740A Interval Analyzer User's Guide pages 16-83 to 16-89.

Check the date code of the Motorola chips at locations U5 and U42 on the High Speed Board.

If the date code on either chip is 95XX or 96XX, then remove the High Speed Board (refer to pages 16-83 to 16-89 of HP 1740A User's Guide).

Order exchange assembly E1740A-69021 for replacement. Check delay line 15 of exchange assembly. DL15 should read 40.

Reassemble E17840A and run Latency Test again.