

S E R V I C E N O T E

SUPERSEDES: NONE

HP Model 54845A Infinium Oscilloscope

Serial Numbers: US36000000 / US38059999

Install Spacers to Protect A/D Hybrids From Damage

Duplicate Service Notes: none

To Be Performed By: HP-Qualified Personal or Customer

Parts Required:

HP P/N	Description	Quantity
0515-1038	MS M3X.05 35MM-LG PAN-HD	3
0380-1407	SPACER M3X25MM-LG	3
1401-0202	PROTECTOR CAP .234 ID .3125 DEEP	3
5090-4370	LABEL, BLANK	1

Continued

DATE: May 1998

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	<input type="checkbox"/> IMMEDIATELY <input type="checkbox"/> ON SPECIFIED FAILURE <input checked="" type="checkbox"/> AGREEABLE TIME	STANDARDS: LABOR 1.0 Hours	
LOCATION CATEGORY:	<input checked="" type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> HP LOCATION	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		
AUTHOR: RK		ENTITY: 0840	
HP RESPONSIBLE UNTIL: May 2000			
ADDITIONAL INFORMATION:			

Situation:

Recommend installing spacers to protect A/D hybrids if the bottom cover is dented.

Solution / Action:

- 1) Remove the oscilloscope sleeve enclosure MP52 by removing the side handle, the rear screws, and feet using a Torx-15 driver. See service manual for disassembly details.
- 2) On the bottom side of the instrument locate the acquisition board assembly A13. Remove the two mounting screws immediately in-front-of and immediately behind the channel 1 A/D heatsink. Also remove the mounting screw immediately in-front-of the channel 3 A/D heatsink.
- 3) Install the three 25MM spacers using the three 35MM screws in place of the three screws removed above.
- 4) Install the protector caps on top of the spacers to prevent intermittent electrical contact with the bottom of the cabinet sleeve.
- 5) Reinstall the cabinet sleeve and side handle. Torque the handle screws, rear screws, and rear feet screws to 2.4 Nm (21 in-lbs). (Note: If the handle screws are not black, install Service Note 54845A-02 also.)
- 6) Attach the label to the rear panel's lower right corner. Write "Service Note 54845A-03 installed" on the label.
- 7) Check instrument and verify proper operation.