S E R V I C E   N O T E

SUPERSEDES: NONE

37717B PDH/SDH/Jitter Test Set

Serial Numbers: N/A

Build Status: Below 0296

Fix to the Proccessor chip

To be Performed by: Qualified Service Personnel

Parts Required: Double sided tape 0460-2159

Situation

If the CPU assembly, A3D or A3B, is subjected to mechanical shock, this can cause the processor chip to jump out of its socket.

Solution/Action

1. Remove CPU from 37717B.

2. Cut two strips of double sided tape approx 40mm long.

3. Press the tape to both faces of the processor chip and socket   (see fig 1).

4. Remove protective paper from both sides of the tape.

Continued

DATE: March 1998

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:

MODIFICATION RECOMMENDED

ACTION CATEGORY:	IMMEDIATELY ON SPECIFIED FAILURE AGREEABLE TIME	STANDARDS: LABOR 0.5 Hours			
LOCATION CATEGORY:	CUSTOMER INSTALLABLE ON-SITE SERVICE CENTER	SERVICE INVENTORY:	RETURN SCRAP SEE TEXT	USED PARTS:	RETURN SCRAP SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	AGILENT RESPONSIBLE UNTIL: March 2000			
AUTHOR: DBG	ENTITY: E610	ADDITIONAL INFORMATION:			

Agilent Technologies

Figure 1

Operation Sequence:

1. Place double-sided tape (item 16) on top and bottom faces. Press down firmly on the tape for better adhesion.

2. Fit prom assy (item 10) to position U15 on PC Board (item 2).

3. Fit prom assy (item 11) to position U43 on PC Board (item 2).

4. Fit standoff (item 4) to PC board (item 2) using 2 flat washers (item 6) 2 lock washers (item 7) and 2 nuts (item 8).

5. Fit ribbon cable end (item 12) to position J2 on PC Board.

6. Fit ribbon cable end (item 13) to position J5 on PC Board.

7. Fit ribbon cable end (item 14) to position J7 on PC Board.

8. Place PC Board assembly (item 2) in place and secure using stud (item 3).

9. Fit screw (item 5) and washer (item 6) through disc drive assembly and tighten into standoff (item 4) on PC Board.

10. Fit screw (item 9) through PC Board and tighten into panel assembly (item 1).

11. Fit label (item 15) onto circuit side of PC Board (item 2).

PROCESSOR MODULE A3B
PROCESSOR MODULE A3D

PARTS LIST A3B

ITEM	QTY	HP PART No	
1	1	3774-0031	PANEL, PROCESSOR MODULE
2	1	3774-60054	A3B PROC. + LAN PCA
3	2	0380-2072	STUD 2-60 UNCH.5
4	2	0380-4629	STUD-R H3 X 4.5 M/F
5	4	0515-0857	SCREW MC H3 X 8MM
6	4	3050-1091	FLAT WASHER
7	4	2190-0584	WASHER LK H3
8	4	0535-0026	NUT H3
9	9	0535-0066	SCREW MC H3 X 6MM
10	1	3774-80032	PROM ASSY
11	1	3774-80028	CONT PROM ASSY
12	3	3774-60058	CABLE RIBBON
13	3	3770-60027	CABLE RIBBON
14	1	3717-60002	CABLE RIBBON
15	1	5002-1117	LABEL LICENSE
16	6	0460-2759	D/SDED TAPE 40mm LG

PARTS LIST A3D	HP PART No.	QTY	ITEM
A3D PROC + LAN PCA	3774-60028	1	2
SAME AS ABOVE EXCEPT			

OPERATION SEQUENCE

1. PLACE D/SDED TAPE (ITEM 16) ON TOP AND BOTTOM FACES. PRESS DOWN FIRMLY ON THE TAPE FOR BETTER ADHESION.

2. FIT PROM ASSEMBLY (ITEM 10) TO POSITION U15 ON P.C.BOARD (ITEM 2).

3. FIT PROM ASSEMBLY (ITEM 11) TO POSITION U43 ON P.C.BOARD (ITEM 2).

4. FIT STANDOFF (ITEM 4) TO P.C.BOARD (ITEM 2) USING 2 FLAT WASHERS (ITEM 6) 2 LOCK WASHERS (ITEM 7) AND 2 NUTS (ITEM8).

5. FIT RIBBON CABLE END (ITEM 12) TO POSITION J2 ON P.C.BOARD.

6. FIT RIBBON CABLE END (ITEM 13) TO POSITION J5 ON P.C.BOARD.

7. FIT RIBBON CABLE END (ITEM 14) TO POSITION J7 ON P.C.BOARD.

8. PLACE P.C. BOARD ASSEMBLY (ITEM 2) IN PLACE AND SECURE USING STUD (ITEM 3).

9. FIT SCREW (ITEM 5) AND WASHER (ITEM 6) THROUGH P.C.BOARD AND THROUGH DISC DRIVE ASSEMBLY AND TIGHTEN INTO STANDOFF (ITEM 4) ON P.C. BOARD.

10. FIT SCREW (ITEM 9) THROUGH P.C.BOARD AND TIGHTEN INTO PANEL ASSEMBLY (ITEM 1).

11. FIT LABEL (ITEM 15) ONTO CIRCUIT SIDE OF P.C.BOARD (ITEM 2).

NOTES

1. TORQUE ITEM 3 TO 30-ins.
2. TORQUE ITEMS 5, 8 AND 9 TO 60-ins.