S E R V I C E   N O T E

SUPERSEDES: None

E1401A C-size VXI Mainframe

Serial Numbers: 3227A01169 / 3227A01216

Modification to correct a condition in which some modules are difficult to install in E1401A mainframe slots.

Duplicate Service Notes: E1301A-05

To Be Performed By: Agilent-Qualified Personnel

Parts Required:

P/N	Description
E1401-66501	Backplane

Situation:

Some mainframes in the serial range noted above were shipped with connectors having pin holes which are marginally too small. The result is that it may require excessive pressure to insert modules into one or more of the slots. This may cause bent or broken pins on the inserted modules.

Continued

DATE: 25 August 1993

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:

MODIFICATION RECOMMENDED

ACTION CATEGORY:	☐ IMMEDIATELY ■ ON SPECIFIED FAILURE ☐ AGREEABLE TIME	STANDARDS: Labor 1.5 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: 25 August 1995			
AUTHOR: KD	ENTITY: 0960	ADDITIONAL INFORMATION:			

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Solution/Action:

If a mainframe has the above condition, remove and replace the backplane (part number E1401-66501) as follows:

1. Remove the power cord from the E1401A mainframe power supply.

2. Remove all 4 feet from the rear panel.

3. Remove the 5 screws from the power supply, and using the two large rings, remove the powers supply.

4. Remove the 5 screws from the rear panel fan assembly, disconnect the ribbon cable and fan wires, and then remove the fan assembly.

5. Remove the 9 screws from the top cover (5 on rear and 2 on each side), and remove top cover.

6. Remove the 4 screws from the top rear bracket, and remove bracket.

7. Remove 2 screws from side fan assembly, disconnect and remove fan assembly.

8. Remove 4 screws from middle rear bracket, and lower bracket for access to the screws on the bottom of the backplane assembly.

9. Remove all 21 screws from backplane assembly.

10. Unplug cables and remove them from backplane assembly and then remove the backplane assembly.

11. Remove the 28 screws connecting the E1401-66502 and the E1401-66501, and reinstall the E1402-66501 on the new E1401-66501 board.

12. Reassemble by reversing this process.

Note:

Please be sure the capacitors on the center of the connector side of the backplane assembly are clear of the center bracket of the mainframe

Send the defective backplane to:
Customer Support Repair Coordinator
Agilent Technologies
815 SW 14th Street
Loveland, CO 80537
USA