

S E R V I C E N O T E

SUPERSEDES: None

E1301A B-size VXI Mainframe

Serial Numbers: 3226A02119 / 3226A01231

This modification is to correct a condition in which some modules are difficult to install in E1301A mainframe slots.

Duplicate Service Notes: E1401A-04

To Be Performed By: Agilent-Qualified Personnel

Parts Required:

P/N	Description
E1300-66511	Backplane
E1300-90006	Installation Guide

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: September 1993

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 1.5 Hours
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> SERVICE CENTER	SERVICE INVENTORY:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	USED PARTS:	<input type="checkbox"/> RETURN <input checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AUTHOR: KD	ENTITY: 0960	AGILENT RESPONSIBLE UNTIL: September 1995	
		ADDITIONAL INFORMATION:	

Solution/Action:

If a mainframe has the above condition, remove and replace the backplane (part number E1300-66501 or E1300-66511) as follows:

1. Remove the power cord from the E1301A mainframe power supply.
2. Remove all modules from the E1301A mainframe.
3. Remove 2 screws on the handle and remove the handles from each side of the E1301A mainframe.
4. Remove the 2 screws on the rear of the E1301A top cover and remove the top cover.
5. Remove 1 screw and remove the top shield.
6. If there is an internal voltmeter installed, remove the 3 screws, disconnect the cables, and remove the voltmeter.
7. Remove the 3 screws and disconnect and remove the controller board.
8. If a hard disc or floppy disc is installed, disconnect the cables from the backplane but do not remove the disc drives.
9. Disconnect the power supply cable from the backplane.
10. Disconnect the narrow grey cable with red connector from the bottom of the backplane.
11. Remove 1 screw from the right side of the mainframe.
12. Backplane board should now be worked loose and removed. Please be careful with the black card guides as they may be loose also.
13. Install the new backplane and reverse this procedure. Be sure the clear shield over the power supply remains in place.
14. If the backplane removed was part #E1300-66501, it will be replaced by part #E1300-66511 (contains solid state interrupt by-pass switches) and will require a new installation guide. (E1300-90006).