

MODIFICATION RECOMMENDED –
CORRECTS MANUFACTURING OR DESIGN DEFECTS

86130A-09

S E R V I C E N O T E

Supersedes:
NONE.

86130A BitAlyzer Error Performance Analyzer

Serial Numbers: [0000A00000 / 9999Z99999]

Install Teflon insulating sheets in A2 (PG Assy) / A3 (ED Assy) slots.

To Be Performed By: Agilent-Qualified Personnel

Parts Required:

P/N	Description	Qty.
86130-20174	Sheet Insulator	2

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: 0.5Hours	
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	USED PARTS: <input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE Perform only if instrument needs to be opened for other service.		
AGILENT RESPONSIBLE UNTIL: End of Support.			
AUTHOR: RBS		PRODUCT LINE: PI8F.	
ADDITIONAL INFORMATION: MFG Reference.- ECR1599			

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January 28, 2004

Situation:

Due to metal on metal contact, it is possible to create small aluminum filings when installing A2 (PG Assembly) or A3 (ED Assembly) into the 86130A mainframe. Although the filings have never been positively identified as root cause for any failures, there exists the potential that they could cause an internal short in the instrument, causing a failure.

Solution/Action:

Add Teflon insulating sheets to the bottom surfaces of the A2 and A3 mainframe slots to prevent metal on metal contact between the tray assemblies and the mainframe. Install the insulators only if the instrument is opened and the A2/A3 assemblies are removed.

1. Clean the slot mainframe surface with an alcohol wetted anti-static cloth to remove any foreign particles from the slot surface.
2. Install the white Teflon sheets as shown in Figure 1.

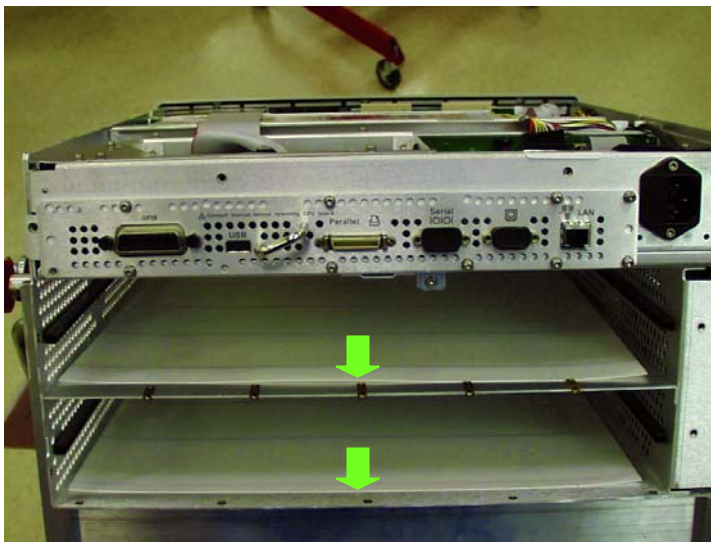


Figure 1 – location of Teflon insulating sheets in A2/A3 slots.

This quality improvement does not affect calibration.

End.