

S E R V I C E N O T E

SUPERSEDES: None

8130A Programmable Pulse Generator**Serial Numbers:** 2905G00100 / 2905G00390**Reference Designator / Part Number / Assembly Name**

A1 / 8130-66501 / BD AY KEY, Std.

A1 / 08130-66521 / BD AY KEY, Opt. 020

Solution to eliminate crosstalk to the output signal**To Be Performed By:** Agilent-Qualified Personnel**Parts Required:**

Part No.	Description	Reference Designator
9140-0748	L-FXD 250uH	A1L1

Situation:

In the instruments with the serial numbers shown above, the display driver may influence the output signal. This results in spikes of about 10 mV.

Continued

DATE: 15 September 1991

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	☐ IMMEDIATELY ☒ ON SPECIFIED FAILURE ☐ AGREEABLE TIME	STANDARDS: Labor 2.0 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: September 1993
AUTHOR: MI	ENTITY: B100	ADDITIONAL INFORMATION:	



Solution/Action:

To solve the problem the Key/Display Board has to be modified. Follow the instructions shown below.

WARNING

The modification requires the instruments' cover to be removed. REMOVE THE POWER CORD BEFORE STARTING REPAIR! Energy available at some points can, if contacted, result in serious personal injury.

CAUTION

Because the instrument's covers are removed and boards are taken out of the frame, the parts are to be installed at a static-free workstation.

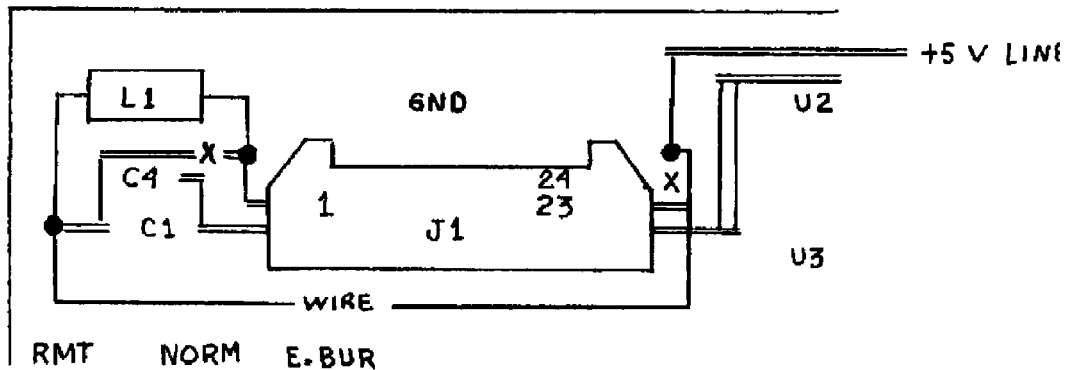
To get access to the keyboard:

Follow the instructions 'Installation of Keyboard Assembly' shown in the Service Manual, page 2-13.

Remove the 8 screws fastening the keyboard to the front plate and carefully remove the board. Remove the ribbon cable from A1J1.

Do the following modification: (refer to page 6.3-29, Service Manual)

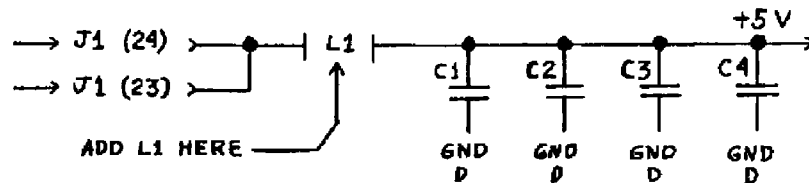
A1 Component Side, left upper corner



Cut the +5 V line at the shown points (X)

Solder the WIRE and/or L1 to the shown points (●)

Following shows the change to the schematics in the service manual.



Reassemble instruments components and covers by reversing the above procedure!

Run a functional check.