

INFORMATION ONLY – DOES NOT COMMUNICATE  
A MODIFICATION OR SAFETY CONDITION

**4278A-15**

# S E R V I C E N O T E

Supersedes:  
[None]

## Agilent 4278A 1kHz/1MHz Capacitance Meter

**Serial Numbers: See Solution / Action**

### **New Part Numbers for LCD, LCD Control and Front Keyboard Assemblies**

**Parts Required:**  
**See Solution / Action**

To Be performed By: Agilent-Qualified Personnel

## ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION: <b>INFORMATION ONLY</b>
AUTHOR: H.O    PRODUCT LINE: WN
ADDITIONAL INFORMATION:

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**Situation:**

The A91 LCD module assembly (P/N: 04278-61102) used in the 4278A was changed to new LCD module (P/N: 04278-61103), which has a different variable resistor from that in the old LCD module (P/N: 04278-61102).

In addition, new A90 LCD control board (P/N: 04278-66591) and A9 front keyboard (P/N: 04278-66569) assemblies compatible with the new LCD have also been set up. Unless the A91 LCD is used with the correct (compatible) A90 and A9 assemblies, the instrument does not work normally.

The old A91, A90 and A9 assemblies are also available as service parts for repairing the old 4278A instruments.

**Solution/Action:**

When replacing the A91, A90 or A9 assembly, use the appropriate replacement part, depending on the following serial numbers shown in the table below:

**Serial Numbers: 2936J10590 and below**

Part Number	Qty	Description
04278-61102	1	A91 LCD module
04278-66559	1	A9 Front Keyboard
04278-66590 <sup>1</sup>	1	A90 LCD control board

<sup>1</sup> The new LCD control board (P/N: 04278-66591) can also be used.

**Serial Numbers: 2936J10591 and above**

Part Number	Qty	Description
04278-61103	1	A91 LCD module
04278-66569	1	A9 Front Keyboard
04278-66591	1	A90 LCD control board