

N5182A-13

Information Only Service Note

Supersedes:
None

N5182A MXG Vector Signal Generator

Serial Numbers: ALL

The Problem – The N5180-60024 LCD Assembly is No Longer Available

Parts Required:

P/N	Description	Qty.
N5180-69465	Refurbished Display LCD 6.2-in STN 640X240-Pixels	1

ADMINISTRATIVE INFORMATION

☐ Calibration Required	PRODUCT LINE: 15
X Calibration NOT Required	AUTHOR: MM

ADDITIONAL INFORMATION:

Situation:

New front panel LCDs for this instrument are no longer available due to the manufacturer discontinuing production of them, and the lifetime buys that were made have been depleted.

Solution/Action:

Since the main reason that these displays have failed in these instruments is the CCFL backlight wearing out over time, the displays are being refurbished by having the CCFL backlights replaced. However, the refurbished replacement kit will not include all the parts that the N5180-60024 kit contained.

Table 1 shows all the lower level parts that were included in the discontinued N5180-60024 LCD Assembly Replacement kit, along with the current part numbers that can be used to order these parts.

Table 1 – Discontinued LCD Assembly Replacement Kit Contents – N5180-60024

Part Number	Qty	Description	Order As
1000-1515	1	Filter EMI Display 159.70X67.30X1.90-mm	N5180-60413 ¹
1460-2022	1	Spring, Compression .18-in-OD .5-in-LG	N5180-60413 ¹
2090-0908	1	Display LCD, 6.2-in 640X240-Pixels	N5180-69465
8121-1380	1	Cable-Assembly, Ribbon, LCD Control	8121-1380
W1312-40011	1	Display Boot	N5180-60266
W1312-40012	1	Display Hold Down	N5180-60266

¹ The N5180-60413 kit includes the parts listed along with others that were not designed for this instrument. Use the parts needed and discard the rest.

As can be seen in Table 1, a refurbished LCD assembly replacement kit, part number N5180-69465, has been created. If any other parts that were in the discontinued kit are required, they will need to be ordered separately, using the “Order As” part numbers shown in Table 1.

Once the defective LCD display has been replaced, be sure to send it back to the Keysight support parts organization so that it can be refurbished and reused in another instrument.

Revision History:

Date	Service Note Revision	Author	Reason for Change
29 Jul 2020	01	Mike Medley	As Published