

# MODIFICATION RECOMMENDED

## N9100A-02

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

Supersedes:  
NONE

## N9100A 4080 series Parametric Test System

Serial Numbers: JP49320338, JP49320417, JP49320472, JP49320479, JP49320482,  
JP49320498, JP49320513, JP49320519, JP49320526, JP49320535,  
JP49320539, JP49320544,  
JP49320546/JP49320731, JP53450101/JP53450109

**Industrial PC requires SATA power conversion cable to replace**

### Parts Required:

| P/N       | Description    | Qty. |
|-----------|----------------|------|
| 8121-2648 | Cable-Assembly | 1    |

## ADMINISTRATIVE INFORMATION

|  |   |  |
|--|---|--|
| SERVICE NOTE CLASSIFICATION:   |   |  |
| <b>MODIFICATION RECOMMENDED</b>  |   |  |
| ACTION <input type="checkbox"/> ON SPECIFIED FAILURE<br>CATEGORY: <input checked="" type="checkbox"/> AGREEABLE TIME   | STANDARDS<br>LABOR: 1.0 Hours   |  |
| LOCATION <input type="checkbox"/> CUSTOMER INSTALLABLE<br>CATEGORY: <input checked="" type="checkbox"/> ON-SITE ( <b>active On-site contract required</b> )<br><input type="checkbox"/> SERVICE CENTER<br><input type="checkbox"/> CHANNEL PARTNER | SERVICE <input type="checkbox"/> RETURN<br>INVENTORY: <input type="checkbox"/> SCRAP<br><input type="checkbox"/> SEE TEXT | USED <input type="checkbox"/> RETURN<br>PARTS: <input type="checkbox"/> SCRAP<br><input type="checkbox"/> SEE TEXT |
| AVAILABILITY: PRODUCT'S SUPPORT LIFE   | NO CHARGE AVAILABLE UNTIL: March 2016   |  |
| <input type="checkbox"/> Calibration Required<br><input checked="" type="checkbox"/> Calibration NOT Required  | PRODUCT LINE: PL1H<br>AUTHOR: J.Ito   |  |
| ADDITIONAL INFORMATION:  |   |  |

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**Situation:**

Agilent industrial PC includes SATA power supply conversion cable to connect power supply and HDD. Some IPC may have manufacturing issue at SATA power supply conversion cable, and it may have system fault by power fail.

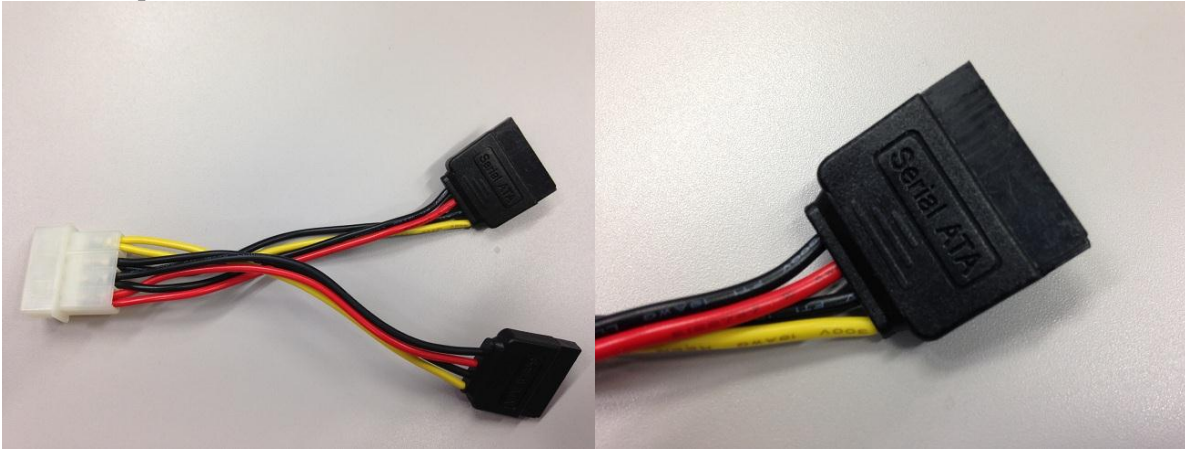
**Solution/Action:**

Please check Service Note N9100A-03 and its applicable serial number before adapting this service note.

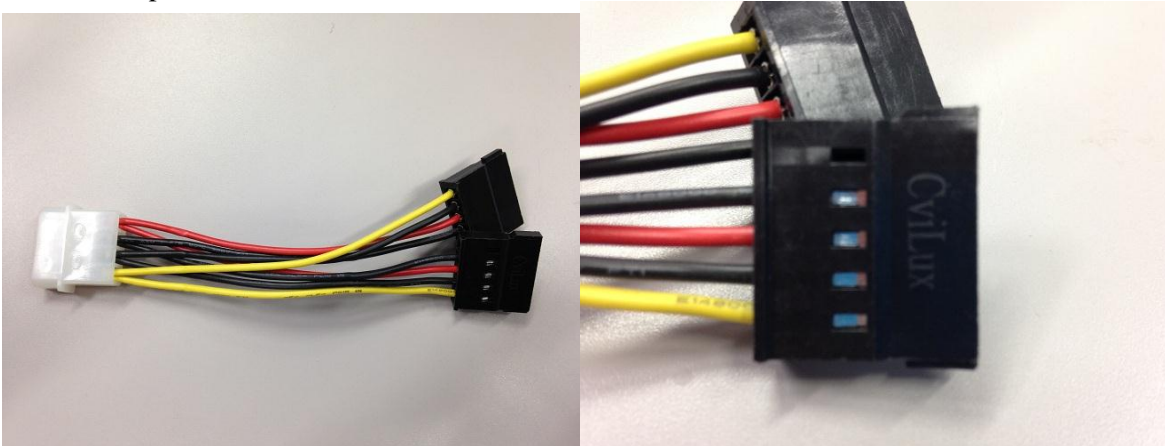
Replace SATA power supply conversion cable on Agilent industrial PC with new one (PN:8121-2648) .

PN 8121-2648 replacement SATA power supply conversion cable has SATA connector printed as “CvLux” instead old one has “Serial ATA”.

Old SATA power conversion cable:



New SATA power conversion cable:

**Replacement Procedure**

1. Shutdown industrial PC and power off the N9100A system.
2. Un-mount the Agilent industrial PC from N9100A system cabinet.
3. Replace SATA power conversion cable. For how to service IPC, check the support material “IPC Support Supplemental 2<sup>nd</sup> Edition” from HSTD,SVC-SUPPORT to SSE (System Support Engineer).

**Revision History:**

| <b>Revision Number</b> | <b>Date</b> | <b>Author</b> | <b>Reason For Change</b> |
|------------------------|-------------|---------------|--------------------------|
| 1.0                    | 2014/3/14   | J.Ito         | As published             |
|                        |             |               |                          |