

S E R V I C E N O T E

SUPERSEDES: None

1660A Logic Analyzer

Serial Numbers: See Table 1

WARNING

Potential Shock Hazard

A potentially defective line filter assembly may result in an electric shock hazard under certain product use conditions.

Duplicate Service Notes: See Table 1

To Be Performed By: Agilent-Qualified Personnel

Parts Required:

| Part No. | Description |
|-----------|------------------|
| 5081-7792 | Modification Kit |

Continued

DATE: February 1996

ADMINISTRATIVE INFORMATION

| | | | |
|------------------------------|--|--|---|
| SERVICE NOTE CLASSIFICATION: | | | |
| SAFETY | | | |
| ACTION CATEGORY: | IMMEDIATELY | STANDARDS: | LABOR 1.0 |
| LOCATION CATEGORY: | <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> SERVICE CENTER | SERVICE INVENTORY: | <input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input checked="" type="checkbox"/> SEE TEXT |
| AVAILABILITY: | ALWAYS | USED PARTS: | <input checked="" type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT |
| AUTHOR: DPM | ENTITY: 0800 | AGILENT RESPONSIBLE UNTIL: ALWAYS | |
| | | ADDITIONAL INFORMATION: Return used parts to Div. 0800 | |

Situation:

The condition for possible electric shock results from a potential short within the line filter assembly. The fault can be caused by solder fragments within the line filter moving and shorting the line to earth ground. This condition may result in an electrical shock by elevating the instrument to a hazardous voltage if the safety ground is faulty or is disconnected.

Solution/Action:

Return the instrument immediately to the nearest Agilent Customer Repair Center for inspection, and if required, repair at no charge. Repair kit 5081-7792 contains the instructions for inspecting the product for a potential safety hazard, and the repair procedures and parts required to correct the failed assemblies.

Table 1. Instruments to be inspected / repaired for potential electric shock

| Model Number | PSSN Number | Serial Numbers of Suspect of Suspect Instruments |
|--------------|-------------|--|
| 1660A | 1660A-02-S | 3338A00899 / 33338A00899 US34510130 / US34510208 US35240101 / US35240204 |
| 1661A | 1661A-02-S | 3338A01330 / 3338A01330 US34510105 / US34510299 US35240101 / US35240275 |
| 1662A | 1662A-02-S | 3338A01118 / 3338A01132 US34510124 / US34510287 US35240101 / US35240265 |
| 1663A | 1663A-02-S | 3338A00849 / 3338A00854 US34510113 / US34510244 US35240101 / US35240232 |
| 1660AS | 1660AS-01-S | 3339A00137 / 3339A00333 US34510101 / US34510210 US35240101 / US35240204 |
| 1661AS | 1661AS-01-S | US34510121 / US34510190 US35240101 / US35240186 |
| 1662AS | 1662AS-01-S | US34510145 / US34510209 US35240101 / US35240212 |

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| 1663AS | 1663AS-01-S | US34510156 / US34510184 US35240101 / US35240156 |
| 1660C | 1660C-01-S | US35350101 / US35350137 |
| 1661C | 1661C-01-S | US35350101 / US35350168 |
| 1662C | 1662C-01-S | US35310101 / US35310155 |
| 1663C | 1663C-01-S | US35310101 / US35310137 |
| 1660CS | 1660CS-01-S | US35350101 / US35350187 |
| 1661CS | 1661CS-01-S | US35350101 / US35350152 |
| 1662CS | 1662CS-01-S | US35350101 / US35350136 |
| 1663CS | 1663CS-01-S | US35310101 / US35310118 |
| 1664A | 1664A-01-S | US34390180 / US34390199 US35240101 / US35240249 |
| 1670A | 1670A-01-S | US35340101 / US35340112 |
| 1671A | 1671A-01-S | US35340101 / US35340111 |
| 1672A | 1672A-01-S | US35340101 / US35340109 |
| 54501A | 54501A-06-S | 3251A16271 / 3251A16271 3251A16418 / 3251A16418 US34510113 / US34510295 |
| 54502A | 54502A-07-S | 3251A06549 / 3251A06549 US34510117 / US34510219 |
| 54503A | 54503A-06-S | 3309A06682 / 3309A06682 US34510174 / US34510431 |
| 54504A | 54504A-03-S | US34510122 / US34510271 |
| 54510B | 54510B-02-S | 3218A01007 / 3218A01007 |

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|--------|-------------|---|
| 54512B | 54512B-03-S | 3218A00822 / 3218A00822 |
| 54520A | 54520A-02-S | US34360585 / US34360898 US35240101 / US35240168 US35300101 / US35300363 US35480101 / US35480232 |
| 54522A | 54522A-02-S | 3443A00304 / 3443A00304 3414A00380 / 3414A00380 3414A00388 / 3414A00388 US34360139 / US34360438 US35240101 / US35240128 US35300101 / US35300204 US35480102 / US35480198 |
| 54540A | 54540A-02-S | US34360193 / US34360427 US35240110 / US35240122 US35300104 / US35300204 US35480101 / US35480138 |
| 54542A | 54542A-02-S | 3415A00678 / 3415A00678 US34360177 / US34360597 US35240109 / US35240119 US35300103 / US35300194 US35480101 / US35480145 |
| 54520C | 54520C-02-S | US35130124 / US35130159 US35240101 / US35240128 US35300101 / US35300118 US35480102 / US35480132 |
| 54522C | 54522C-02-S | US35020103 / US35020120 US35300102 / US35300145 US35480101 / US35480117 |
| 54540C | 54540C-02-S | US35130101 / US35130109 US35140110 / US35140127 US35300101 / US35300156 US35480101 / US35480127 |

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| 54542C | 54542C-02-S | US35020106 / US35020230 US35240103 / US35240142 US35300101 / US35300251 US35480101 / US35480174 |
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