

S E R V I C E N O T E

SUPERSEDES: None

**1663AS 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: |  |  |   |
| <b>SAFETY</b>                |  |  |   |
| ACTION CATEGORY:             | <b>IMMEDIATELY</b>   | STANDARDS:   | LABOR 1.0   |
| LOCATION CATEGORY:           | <input type="checkbox"/> ON-SITE<br><input checked="" type="checkbox"/> SERVICE CENTER | SERVICE INVENTORY:                                     | <input type="checkbox"/> RETURN<br><input type="checkbox"/> SCRAP<br><input checked="" type="checkbox"/> SEE TEXT |
| AVAILABILITY:                | ALWAYS   | USED PARTS:  | <input checked="" type="checkbox"/> RETURN<br><input type="checkbox"/> SCRAP<br><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<br>US34510130 / US34510208<br>US35240101 / US35240204 |
| 1661A        | 1661A-02-S  | 3338A01330 / 3338A01330<br>US34510105 / US34510299<br>US35240101 / US35240275  |
| 1662A        | 1662A-02-S  | 3338A01118 / 3338A01132<br>US34510124 / US34510287<br>US35240101 / US35240265  |
| 1663A        | 1663A-02-S  | 3338A00849 / 3338A00854<br>US34510113 / US34510244<br>US35240101 / US35240232  |
| 1660AS       | 1660AS-01-S | 3339A00137 / 3339A00333<br>US34510101 / US34510210<br>US35240101 / US35240204  |
| 1661AS       | 1661AS-01-S | US34510121 / US34510190<br>US35240101 / US35240186                             |
| 1662AS       | 1662AS-01-S | US34510145 / US34510209<br>US35240101 / US35240212                             |

|        |             |   |
|--------|-------------|---|
| 1663AS | 1663AS-01-S | US34510156 / US34510184<br>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<br>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<br>3251A16418 / 3251A16418<br>US34510113 / US34510295 |
| 54502A | 54502A-07-S | 3251A06549 / 3251A06549<br>US34510117 / US34510219                            |
| 54503A | 54503A-06-S | 3309A06682 / 3309A06682<br>US34510174 / US34510431                            |
| 54504A | 54504A-03-S | US34510122 / US34510271   |
| 54510B | 54510B-02-S | 3218A01007 / 3218A01007   |

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

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