

S E R V I C E N O T E

SUPERSEDES: None

54542A Digitizing Oscilloscope

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
5081-7794	Modification Kit

Continued

DATE: February 1996

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
SAFETY			
ACTION CATEGORY:	IMMEDIATELY	STANDARDS:	LABOR 1.5
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 5081-7793 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

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

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

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