

INFORMATION ONLY – DOES NOT COMMUNICATE  
A MODIFICATION OR SAFETY CONDITION

**E5100A-34B**

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

Supersedes:  
E5100A-34A

## **Agilent E5100A Network Analyzer**

**Serial Numbers: See Solution / Action**

### **Part Number Changes for Power Supply and Switch Parts**

**Parts Required: See Solution / Action**

To Be Performed By: Agilent-Qualified Personnel

## **ADMINISTRATIVE INFORMATION**

SERVICE NOTE CLASSIFICATION:

**INFORMATION ONLY**

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ADDITIONAL INFORMATION:

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**Agilent Technologies**

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**Situation:**

A power supply assembly and related service parts were obsoleted and replaced with new service parts.

**Solution/Action:**

When replacing any of the parts listed in Table 1 or Table 3, order appropriate parts as below, depending on the serial number of the E5100A. Refer to Chapter 13, Figure 13-8 and Figure 13-37 of E5100A/B service manual (PN: E5100-90130) for a detail assemble procedure.

**WARNING!**

Do not use old service parts listed in Table 1 and Table 3 in repair. Also do not disassemble new power supply assembly (E5100-65005). These actions have a risk to cause an electric shock because of a different cable assignment with a compatible connector.

**Serial Number: JP5KC03371 and below**

When replacing any of the parts listed in Table 1, replace all parts listed in Table 1 with the new parts shown in Table 2. E5100-65005 includes replacement parts for E5100-65002, E5100-61632, and E5100-61631 or E5100-61642.

**Table 1 Old Parts (obsoleted)**

Part Number	Qty.	Manual Description
E5100-65002	1	PS 130W POWER SUPPLY
E5100-61632	1	WIRE ASSY LWQ130
E5100-61631 or E5100-61642	1	WIRE ASSY PRM
E5100-01202	1	ANGLE SW
0515-0999	2	M2.5X0.45 L=6 FL

**Table 2 New Replacement Parts for JP5KC03371 and below**

Part Number	Qty.	CPL Description
E5100-65005	1	SVC power supply assy
E5100-01205	1	ANGLE
0515-0914	2	SCREW-MACHINE ; M3.0 X 0.50; 6 MM LONG

**Serial Number: JP5KC03372 and above, MY405xxxxx**

When replacing any of the parts listed in Table 3, replace all parts listed in Table 3 with the new parts shown in Table 4. E5100-65005 includes replacement parts for E5100-65002, E5100-61632, and E5100-61631 or E5100-61642.

**Table 3 Old Parts (obsoleted)**

Part Number	Qty.	Manual Description
E5100-65002	1	PS 130W POWER SUPPLY
E5100-61632	1	WIRE ASSY LWQ130
E5100-61631 or E5100-61642	1	WIRE ASSY PRM

**Table 4 New Replacement Part for JP5KC03372 and above, and MY405xxxxx**

Part Number	Qty.	CPL Description
E5100-65005	1	SVC power supply assy