

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

SUPERSEDES: NONE

**4155B Semiconductor Parameter Analyzer**  
**4156B Precision Semiconductor Parameter Analyzer**  
**41501B SMU and Pulse Generator Expander**

Serial Numbers: See below.

**Main Power Switch is Stuck****Duplicate Service Notes:**

4155B-09 Serial Numbers: JP10E00101 / JP10E00549

4156B-09 Serial Numbers: JP10E00101 / JP10E00611

41501B-01 Serial Numbers: JP10E00101 / JP10E00200

**To be Performed by:** Agilent-qualified personnel**Parts Required:**

P/N	Description	Quantity
04155-69043	Power Supply Module	1 (For the 4155B/4156B)
41501-69043	Power Supply Module	1 (For the 41501B)

*Continued*

DATE: February 2000

## ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
<b>MODIFICATION RECOMMENDED</b>			
ACTION CATEGORY:	<input type="checkbox"/> IMMEDIATELY <input checked="" type="checkbox"/> ON SPECIFIED FAILURE <input type="checkbox"/> AGREEABLE TIME	STANDARDS:	LABOR 0.5 Hours
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> SERVICE CENTER	SERVICE INVENTORY:	<input checked="" type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	USED PARTS:	<input checked="" type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AUTHOR: TW	ENTITY: 3300	AGILENT RESPONSIBLE UNTIL: February 2002	
		ADDITIONAL INFORMATION:	



**Situation:**

The main power switch of 4155B/4156B/41501B is sometimes stuck. In this case, you push the main power switch, but it does not work correctly.

**Solution/Action:**

Replace the power supply module and pull out the plastic rod with pliers to make the power switch work.

Replace the power supply module by exchange part program. Use a power supply module whose EDC (Engineering Date Code) is 33-3942(for the 4155B/56B)/33-3944(for the 41501B) or later. (The part number is the same.) You can check the EDC of power supply module on the label on the module:

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+-----+
|HP 04155-60043|
| 33-3942      | <-- 3942 is the EDC.   EDC
|xxxxx-xxxx   | 33-3942 (For the 4155B/4156B)
|MADE IN JAPAN| 33-3944 (For the 41501B)
+-----+
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