

S E R V I C E N O T E

SUPERSEDES: 66312A#080-01A

**66312A Dynamic Measurement DC Source**

Serial Number: see below

**Unit Exchange Program**

**Duplicate Service Notes:**

- 6612B-03B US00000000 / US99999999
- 6611C-04B US00000000 / US99999999
- 6612C-04B US00000000 / US99999999
- 6613C-04B US00000000 / US99999999
- 6614C-04B US00000000 / US99999999
- 6631B-05B US00000000 / US99999999
- 6632B-05B US00000000 / US99999999
- 6633B-05B US00000000 / US99999999
- 6634B-05B US00000000 / US99999999
- 66309B-03B US00000000 / US99999999
- 66309B#521-02B US00000000 / US99999999
- 66309D-03B US00000000 / US99999999
- 66309D#521-02B US00000000 / US99999999
- 66311A-03B US00000000 / US99999999
- 66311B-03B US00000000 / US99999999
- 66311D-03B US00000000 / US99999999
- 66111A-02B US00000000 / US99999999
- 66312A-06B US00000000 / US99999999

*Continued*

DATE: February 2001

**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 type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
		USED PARTS:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	AGILENT RESPONSIBLE UNTIL: Support Life of Unit	
AUTHOR: BM	ENTITY: 2100	ADDITIONAL INFORMATION:	



66311B#J02-03B	US00000000 / US99999999
66312A#J03-03B	US00000000 / US99999999
6312A#J04-03B	US00000000 / US99999999
66312A#J02/J03-03B	US00000000 / US99999999
66312A#J08-03B	US00000000 / US99999999
66332A-06B	US00000000 / US99999999
66319B-01B	US00000000 / US99999999
66319D-01B	US00000000 / US99999999
66321B-01B	US00000000 / US99999999
66321D-01B	US00000000 / US99999999
66312A#080-01B	US00000000 / US99999999
66311A#080-01B	US00000000 / US99999999
66311B#080-01B	US00000000 / US99999999
66311D#080-01B	US00000000 / US99999999
66309B#080-01B	US00000000 / US99999999
66309D#080-01B	US00000000 / US99999999
66332A#760-01B	US00000000 / US99999999
6611C#760-01B	US00000000 / US99999999
6612C#760-01B	US00000000 / US99999999
6613C#760-01B	US00000000 / US99999999
6614C#760-01B	US00000000 / US99999999
6632B#760-01B	US00000000 / US99999999
6633B#760-01B	US00000000 / US99999999
6634B#760-01B	US00000000 / US99999999
66332A#020-01B	US00000000 / US99999999
6632B#020-01B	US00000000 / US99999999
6633B#020-01B	US00000000 / US99999999
6634B#020-01B	US00000000 / US99999999

**To Be Performed By:** Agilent-Qualified Personnel or Customer

**Parts Required:**

<b>MODEL:</b>	<b>RESTORED PN:</b>
*6612B	Use 6612C
6611C	06611-69001
6612C	06612-69002
6613C	06613-69001
6614C	06614-69001
6631B	06631-69001
6632B	06632-69001
6633B	06633-69001
6634B	06634-69001
66309B	66309-69001
66309B#521	66309-69002
66309D	66309-69003
66309D#521	66309-69004
*66311A	66311-69001
66311B	66311-69002

*Continued*

<b>MODEL:</b>	<b>RESTORED PN:</b>
*66311B#6950L/T50	66321-69001 *(Same as a 66321B)
66311D	66311-69003
66111A	66111-69001
66312A	66312-69001
66311B#J02	66311-69004
*66312A#J02	66312-69002
66312A#J03	66312-69003
66312A#J04	66312-69004
66312A#J02/J03	66312-69006
66312A#J08	66312-69005
66332A	66332-69001
66319B	66319-69001
66319D	66319-69002
66321B	66321-69001
66321D	66321-69002
66312A#080	66312-69007
66311A#080	66311-69007
66311B#080	66311-69005
66311D#080	66311-69006
66309B#080	66309-69006
66309D#080	66309-69007
66332A#760	66332-69002
6611C#760	06611-69002
6612C#760	06612-69003
6613C#760	06613-69002
6614C#760	06614-69002
6632B#760	06632-69002
6633B#760	06633-69002
6634B#760	06634-69003
66332A#020	66332-69003
6632B#020	06632-69003
6633B#020	06633-69003
6634B#020	06634-69004

**Situation:**

The above units are on a unit exchange program. Units that are returned for service / repairs are to be exchanged with an "off the shelf" (from ATLS) exchange equivalent product. A quick check for simple problems is allowed for up to 0.25 hrs of labor.

Component subassembly level repair is no longer authorized for field or on-site. "Calibrations only" are not covered under warranty!

**Solution / Action:**

Upon receipt of any of the above products for repair:

The Service Center has the option to perform the following quick checks:

*Continued*

Problem: "Unit dead, no output"

- Check transformer taps for proper line voltage settings.
- Check AC line fuse F301.
- Check output rail fuse F309.

Problem: "Can't communicate over GPIB"

- Verify correct language (SCPI , COMP)

Problem:6631,2,3,4B 100W-Series "Units with Blank Displays"

- Replace the display board (see Service Note 6632B-03)

If the problem is not isolated within 0.25 hrs. Request an exchange unit from ATLS. Upon receipt of the exchange unit please perform the following steps:

1. Write the customer's original serial number on the exchange unit's blank serial number label, located on the top cover towards the rear of the unit.
2. \*\*\* Very Important \*\*\* Please record both the old/defective and new/exchange serial numbers in their proper locations in the comment, and the parts section of the CSO.  
  
\*\*\*\* NEVER Remove Original Serial Number Label !!!!! \*\*\*\*
3. Convert the AC line voltage to the customer's original line voltage setting, the exchange units will come set to 220VAC. See the User's Guide for "Line Voltage Conversion" instructions to re-strap the transformer and change to proper line fuse and AC line. (Be sure to replace the rear Fuse label when the fuse is changed.)
4. Ship the exchange unit to the customer in the original carton.
5. Return the defective unit to ATLS.

\*Special Situations:

1. If you are unable to order a 66312A#J02, please substitute the 66312A#J02/03 in place of it.
2. Substitute the 6612C in place of the 6612B.
3. Substitute the 66311B #J02 in place of the 66311A.

\*\*\* Important \*\*\*

This becomes effective as of the date of this Service Note. If any model numbers do not appear on the above list please use the existing method of repair.