

MODIFICATION RECOMMENDED –  
CORRECTS MANUFACTURING OR DESIGN DEFECTS

**6633B-07**

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

Supersedes: None

**6633B Dynamic Measurement DC Source**

Serial Numbers: See Below

**Unit Exchange Program for GSA and Non GSA Approved Instruments**

**Duplicate Service Notes:**

6612B-03B	USXXXXXXXX	UKXXXXXXXX	SGXXXXXXXX	MYXXXXXXXX
6611C-06	USXXXXXXXX	UKXXXXXXXX	SGXXXXXXXX	MYXXXXXXXX
6612C-06	USXXXXXXXX	UKXXXXXXXX	SGXXXXXXXX	MYXXXXXXXX
6613C-06	USXXXXXXXX	UKXXXXXXXX	SGXXXXXXXX	MYXXXXXXXX
6614C-04B	USXXXXXXXX	UKXXXXXXXX	SGXXXXXXXX	MYXXXXXXXX
6631B-05B	USXXXXXXXX	UKXXXXXXXX	SGXXXXXXXX	MYXXXXXXXX
6632B-05B	USXXXXXXXX	UKXXXXXXXX	SGXXXXXXXX	MYXXXXXXXX
6633B-05B	USXXXXXXXX	UKXXXXXXXX	SGXXXXXXXX	MYXXXXXXXX
6634B-05B	USXXXXXXXX	UKXXXXXXXX	SGXXXXXXXX	MYXXXXXXXX
66309B-03B	USXXXXXXXX	UKXXXXXXXX	SGXXXXXXXX	MYXXXXXXXX
66309B#521-02B	USXXXXXXXX	UKXXXXXXXX	SGXXXXXXXX	MYXXXXXXXX
66309D-03B	USXXXXXXXX	UKXXXXXXXX	SGXXXXXXXX	MYXXXXXXXX
66309D#521-02B	USXXXXXXXX	UKXXXXXXXX	SGXXXXXXXX	MYXXXXXXXX
66311A-03B	USXXXXXXXX	UKXXXXXXXX	SGXXXXXXXX	MYXXXXXXXX
66311B-03B	USXXXXXXXX	UKXXXXXXXX	SGXXXXXXXX	MYXXXXXXXX

*Continued*

**ADMINISTRATIVE INFORMATION**

SERVICE NOTE CLASSIFICATION:			
<b>MODIFICATION RECOMMENDED</b>			
ACTION CATEGORY:	<input type="checkbox"/> IMMEDIATELY X 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 X SERVICE CENTER	SERVICE INVENTORY:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	USED PARTS:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AUTHOR: CP	ENTITY: 2100	AGILENT RESPONSIBLE UNTIL:	
ADDITIONAL INFORMATION:			

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66311D-03B	USXXXXXXXXXX	UKXXXXXXXXXX	SGXXXXXXXXXX	MYXXXXXXXXXX
66111A-02B	USXXXXXXXXXX	UKXXXXXXXXXX	SGXXXXXXXXXX	MYXXXXXXXXXX
66312A-06B	USXXXXXXXXXX	UKXXXXXXXXXX	SGXXXXXXXXXX	MYXXXXXXXXXX
66311B#J02-03B	USXXXXXXXXXX	UKXXXXXXXXXX	SGXXXXXXXXXX	MYXXXXXXXXXX
66312A#J03-03B	USXXXXXXXXXX	UKXXXXXXXXXX	SGXXXXXXXXXX	MYXXXXXXXXXX
66312A#J04-03B	USXXXXXXXXXX	UKXXXXXXXXXX	SGXXXXXXXXXX	MYXXXXXXXXXX
66312A3J02/J03-03B	USXXXXXXXXXX	UKXXXXXXXXXX	SGXXXXXXXXXX	MYXXXXXXXXXX
66312A#J08-03B	USXXXXXXXXXX	UKXXXXXXXXXX	SGXXXXXXXXXX	MYXXXXXXXXXX
66332A-06B	USXXXXXXXXXX	UKXXXXXXXXXX	SGXXXXXXXXXX	MYXXXXXXXXXX
66319B-01B	USXXXXXXXXXX	UKXXXXXXXXXX	SGXXXXXXXXXX	MYXXXXXXXXXX
66319D-01B	USXXXXXXXXXX	UKXXXXXXXXXX	SGXXXXXXXXXX	MYXXXXXXXXXX
66321B-01B	USXXXXXXXXXX	UKXXXXXXXXXX	SGXXXXXXXXXX	MYXXXXXXXXXX
66321D-01B	USXXXXXXXXXX	UKXXXXXXXXXX	SGXXXXXXXXXX	MYXXXXXXXXXX
66312A#080-01B	USXXXXXXXXXX	UKXXXXXXXXXX	SGXXXXXXXXXX	MYXXXXXXXXXX
66311A#080-01B	USXXXXXXXXXX	UKXXXXXXXXXX	SGXXXXXXXXXX	MYXXXXXXXXXX
66311B#080-01B	USXXXXXXXXXX	UKXXXXXXXXXX	SGXXXXXXXXXX	MYXXXXXXXXXX
66311D#080-01B	USXXXXXXXXXX	UKXXXXXXXXXX	SGXXXXXXXXXX	MYXXXXXXXXXX
66309B#080-01B	USXXXXXXXXXX	UKXXXXXXXXXX	SGXXXXXXXXXX	MYXXXXXXXXXX
66309D#080-01B	USXXXXXXXXXX	UKXXXXXXXXXX	SGXXXXXXXXXX	MYXXXXXXXXXX
66332A#760-01B	USXXXXXXXXXX	UKXXXXXXXXXX	SGXXXXXXXXXX	MYXXXXXXXXXX
6611C#760-01B	USXXXXXXXXXX	UKXXXXXXXXXX	SGXXXXXXXXXX	MYXXXXXXXXXX
6612C#760-01B	USXXXXXXXXXX	UKXXXXXXXXXX	SGXXXXXXXXXX	MYXXXXXXXXXX
6613C#760-01B	USXXXXXXXXXX	UKXXXXXXXXXX	SGXXXXXXXXXX	MYXXXXXXXXXX
6614C#760-01B	USXXXXXXXXXX	UKXXXXXXXXXX	SGXXXXXXXXXX	MYXXXXXXXXXX
6632B#760-01B	USXXXXXXXXXX	UKXXXXXXXXXX	SGXXXXXXXXXX	MYXXXXXXXXXX
6633B#760-01B	USXXXXXXXXXX	UKXXXXXXXXXX	SGXXXXXXXXXX	MYXXXXXXXXXX
6634B#760-01B	USXXXXXXXXXX	UKXXXXXXXXXX	SGXXXXXXXXXX	MYXXXXXXXXXX
66332A#020-01B	USXXXXXXXXXX	UKXXXXXXXXXX	SGXXXXXXXXXX	MYXXXXXXXXXX
6632B#020-01B	USXXXXXXXXXX	UKXXXXXXXXXX	SGXXXXXXXXXX	MYXXXXXXXXXX
6633B#020-01B	USXXXXXXXXXX	UKXXXXXXXXXX	SGXXXXXXXXXX	MYXXXXXXXXXX
6634B#020-01B	USXXXXXXXXXX	UKXXXXXXXXXX	SGXXXXXXXXXX	MYXXXXXXXXXX

To Be Performed By: Agilent-Qualified Personnel or Customer

Parts Required:

Model:	GSA Approved P/N for Restored Units	Non GSA Approved P/N for Restored Units	GSA Approved P/N for Service Units	Non GSA Approved P/N for Service Units
6611C	06611-69001	06612-69102	06611-61051	06611-61151
6612C	06612-69002	06612-69102	06612-61052	06612-61152
6613C	06613-61051	06613-69101	06613-61051	06613-61151
6614C	06614-69001	06614-69101	06614-61051	06614-61151
6631B	06631-69001	06631-69101	06631-61051	06631-61151
6632B	06632-69001	06632-69101	06632-61051	06632-61151
6633B	06633-69001	06633-69101	06633-61051	06633-61151
6634B	06634-69001	06634-69101	06634-61051	06634-61151
66309B	66309-69001	66309-69101	66309-69002	66309-61151
66309B#521	66309-69002	66309-69102	66309-61052	66309-61152
66309D	66309-69003	66309-69103	66309-61053	66309-61153
66309D#521	66309-69004	66309-69104	66309-61054	66309-61154
66311A	66311-69001	66311-69101	66311-61051	66311-61151
66311B	66311-69002	66311-69102	66311-61052	66311-61152
66311D	66311-69003	66311-69103	66311-61053	66311-61153
66111A	66111-69001	66111-69101	66111-61051	66111-61151
66312A	66312-69001	66312-69101	66312-61051	66312-61151

66311B#J02	66311-69004	66311-69104	66311-61054	66311-61154
66312A#J02	66312-69002	66312-69102	66312-61052	66312-61152
66312A#J03	66312-69003	66312-69103	66312-61053	66312-61153
66312A#J04	66312-69004	66312-69104	66312-61054	66312-61154
66312A#J08	66312-69005	66312-69105	66312-61055	66312-61155
66332A	66332-69001	66332-69101	66332-61051	66332-61151
66319B	66319-69001	66319-69101	66319-61051	66319-61151
66319D	66319-69002	66319-69102	66319-61052	66319-61152
66321B	66321-69001	66321-69101	66321-61051	66321-61151
66321D	66321-69002	66321-69102	66332-69002	66321-61152
66332A#760	66332-69002	66332-69102	66332-61052	66332-61152
6611C#760	06611-61053	06611-69102	06611-61053	06611-61153
6612C#760	06612-69003	06612-69103	06612-61053	06612-61153
6613C#760	06613-69002	06613-69102	06613-61052	06613-61152
6614C#760	06614-69002	06614-69102	06614-61052	06614-61152
6632B#760	06632-69002	06632-69102	06632-61052	06632-61152
6633B#760	06633-69002	06633-69102	06633-61052	06633-61152
6634B#760	06634-69002	06634-69102	06634-61052	06634-61152
66332A#020	66332-69053	66332-69153	66332-61053	66332-61153
6632B#020	06632-69053	06632-69153	06632-61053	06632-61153
6633B#020	06633-69053	06633-69153	06633-61053	06633-61153
6634B#020	06634-69053	06634-69053	06634-61053	06634-61153

**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.

A GSA unit is a unit that can only contain the following serial prefix’: USXXXXXXXX, UKXXXXXXXX, SGXXXXXXXX. A non GSA unit is a unit that can contain any of the following serial prefix’: USXXXXXXXX, UKXXXXXXXX, SGXXXXXXXX and MYXXXXXXXX. If a GSA unit is returned for repair and it contains the following serial prefix: MYXXXXXXXX, the following part #'s should be changed to:

From:	To:
XXXXX-61XXX	XXXXX-611XX
XXXXX-69XXX	XXXXX-691XX

**Solution/Action:**

Upon receipt of any of the above products for repair:

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

Problem: “Unit dead, not 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.