

MODIFICATION RECOMMENDED –
CORRECTS MANUFACTURING OR DESIGN DEFECTS

E3610A-05A

S E R V I C E N O T E

Supersedes:
E3610A-05

E3610A 30W Lab Bench Power Supply

Serial Numbers:

**3048K00051 / 3151K02863
KR22702864 / KR64315221**

Modification to eliminate output oscillation during changing load conditions.

Duplicate Service Notes: E3610A-06A

To Be Performed By: Agilent-Qualified Personnel or Customer

Parts Required:

P/N	Description	Qty.
0811-1799	390 Ohm resistor	1

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	<input type="checkbox"/> IMMEDIATELY <input checked="" type="checkbox"/> ON SPECIFIED FAILURE <input type="checkbox"/> AGREEABLE TIME	STANDARDS: LABOR: 0.0 Hours	
LOCATION CATEGORY:	<input checked="" 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: Product's Support Life	
AUTHOR: NKP / RJM		PRODUCT LINE: 33	
ADDITIONAL INFORMATION:			

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Situation:

The power supply output will start oscillating when changing from no load to a certain load current. The power supply may keep oscillating even when adjusting the output voltage.

Solution/Action:

Add a resistor (390 Ohms) from TP3 to TP4 to increase the stability of the power supply. Install the resistor into the two holes located between R1 and C3.