

S E R V I C E N O T E

SUPERSEDES: None

E3610A 30W Lab Bench DC Power Supply

Serial Numbers: 3111K00101 / KR41807593

Modification to remove the sporadic overshoot that is caused by an intermittent voltage control

Duplicate Service Notes: E3611A-04

To Be Performed By: Agilent-Qualified Personnel

Parts Required:

P/N	Qty.	Description
0698-3430	1	RES 21.5 1% .125W TF
0180-3769	1	CAP 6.8 uF 35V 10% TA
Jumper wire		

Situation:

Some of the E3610A Power Supplies exhibit an sporadic overshoot in the output voltage when adjusting the voltage control.

Continued

DATE: August 1994

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	<input checked="" type="checkbox"/> IMMEDIATELY <input type="checkbox"/> ON SPECIFIED FAILURE <input type="checkbox"/> AGREEABLE TIME	STANDARDS:	Labor 1.0 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 checked="" type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	USED PARTS:	<input type="checkbox"/> RETURN <input checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AUTHOR: NKP	ENTITY: Y300	AGILENT RESPONSIBLE UNTIL: August 1997	
		ADDITIONAL INFORMATION:	

Solution/Action:

Replace R10 and C10 with P/N 0698-3430 and 0180-3769.

Old Part No.	New Part No.
R10 0698-4254	0698-3430
C10 0160-7547	0180-3769

Note

After replacements, disconnect the pattern trace between R10 and C3, and connect a jumper wire between R10 and R17.