

S E R V I C E N O T E

SUPERSEDES: None

E3612A Bench DC Power Supply

Serial Numbers: KR15300266 / KR22000646

Duplicate Service Notes:

E3610A-01
E3611A-01
E3612A-01

Output Terminals Binding

To Be Performed By: Agilent-Qualified Personnel

Parts Required:

P/N	Qty.	Description
1510-0135	2	Binding Post, red
1510-0136	1	Binding Post, black
2950-0144	3	Nut, plastic

Situation:

The binding posts have defective plating that causes the terminals to seize when rotated.

Continued

DATE: 11 September 1992

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 0.75 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
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	USED PARTS:	<input type="checkbox"/> RETURN <input checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AUTHOR: DF	ENTITY: 2100	AGILENT RESPONSIBLE UNTIL: August 1995	
		ADDITIONAL INFORMATION:	

Solution/Action:

Replace all three output binding posts. If the above part numbers are not available use 1510-0091 (red) and 1510-0107 (black). These replacement posts are identical except the color is a slightly darker shade of gray than the originals.

To replace the binding post first remove the top and bottom cover by inserting a small flat blade screwdriver in the slots located between the covers and the front panel and rear cap.

After replacing the binding posts test the power supply for normal operation by doing the Performance Test in Appendix A of the Operating and Service manual part number 5959-5304.

Note for U.S. repairs: Normal repair strategy in the U.S. is unit exchange at the Englewood, Colorado CSC. However, in this case it is more cost effective to replace the defective components at the local CSC so this is the recommended procedure. If this is not practical for any reason, unit exchange is still an acceptable strategy.